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1807.

Catalogue

OF

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ASEPTIC HOSPITAL FURNITURE

AND

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PREFACE.

THE following Catalogue is intended primarily for the use of the medical profession. The aim throughout has been to afford an easy means of reference to all instruments and apparatus in general use, at the same time bringing to the notice of the practitioner all the more modern appliances designed for use both in general surgery and in its special branches.

With this object in view it has been thought possible, without in any way detracting from the thoroughly up-to-date character of the work, to omit from it illustrations of many instruments and appliances of obsolete pattern or doubtful utility. Thus limited as to subject matter the Catalogue assumes but moderate proportions, and will, it is believed, be found correspondingly useful and easy of reference.

The illustrations are arranged in sections, according to the special branches of surgery for which each instrument is required. The order of the sections will be found by reference to the List of Contents overleaf. Every article enumerated in the Catalogue is preceded by a number, which number should always be quoted with every order sent either by letter or telegram. It is hoped that in this way mistakes will, as far as possible, be avoided. The numbering of the illustrations commences from 3000 so as to avoid confusion with the numbers of previous Catalogues.

Attention may be called particularly to the section on "Sterilisation of Urethral Instruments," which contains illustrations of several apparatus

of new design and considerable usefulness. It may also be here mentioned that Black Elastic Gum Catheters supplied by the firm are specially prepared to withstand the action of boiling water. The sections on Mastoid Instruments, Antrum Instruments, and Instruments for Ovariotomy and Hysterectomy also illustrate many novelties which have not previously been brought before the notice of the profession.

Surgeons, when ordering goods away from home, should always give their home address. Unless this is done delay may result from the difficulty of identifying the name in the Medical Directory or Register.

It is the practice of the firm to allow a discount of 5 per cent. upon all accounts settled within one month, provided they exceed the sum of £1, but in the case of six months' current accounts no discount is allowed.

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MAW'S

ILLUSTRATED CATALOGUE

OF

Surgical Instruments and Appliances.

INSTRUMENTS FOR GENERAL SURGERY.



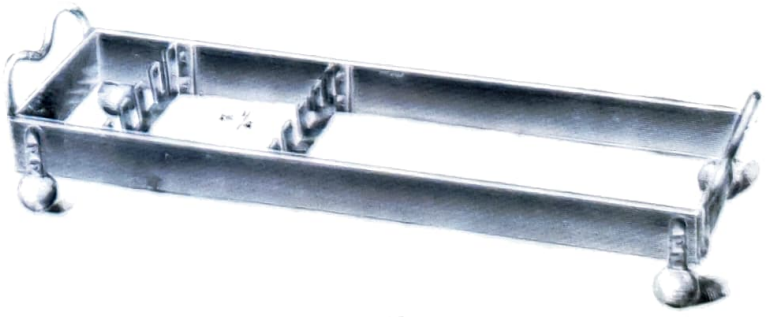
3002

No.		£	s.	d.
	Amputation Knives, solid forged—			
3001	Catlin	0	8	6
3002	Liston's ... ... 5 in., 8/6 ; 6 in., 9/6 ; 7 in., 10/6 ; 8 in.	0	11	6



3003

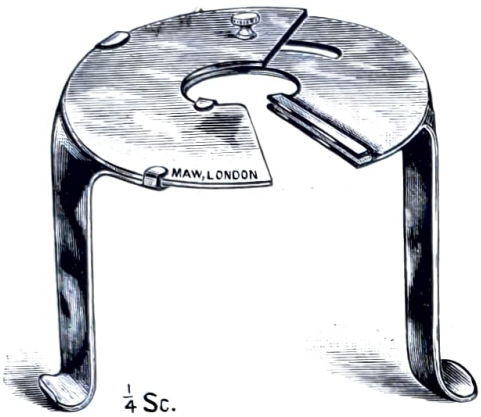
3003	Symes's, for ankle joint, etc.	0	8	0
3004	**Amputation Knife Boxes,** wood, unpolished for 1, 1/3 ; 2, 1/6 ; 3, 2/- ; 4, 2/6 ; 6	0	3	0



8005

8005	**Amputation Knife Racks,** nickel plated, with feet ... for 4, 20/- ; for 6	1	1	0
8006	**Amputation Pins,** Wyeth's, nickel plated, for securing the flaps after amputation at the hip joint ... per pair	0	6	9

Instruments for General Surgery—*continued.*



¼ Sc.

3007

No.		*£ s. d.*
3007	**Amputation Retractor,** Raper's, for withdrawing the flaps of an amputation wound whilst the bone is being sawn through	1 10 0



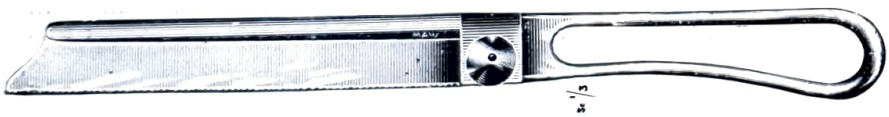
3008



3009

Amputation Saws, with metal handles—

3008	Butcher's, for amputation and resection, aseptic, to take apart, with spare blade	1 17 6
3009	Wide blade, ordinary pattern	1 1 0
3010	Do. Navy pattern, to take apart	1 4 6



3011

3011	Fergusson's, with jointed back, Army pattern ... ... Do. small (*see page* 28).	0 14 6



3012

3012	Metacarpal Saw, solid forged	0 4 0



3013

3013	Metacarpal Saw, frame pattern, solid forged	0 10 0

(For other Saws, see pages 28 and 35.)

Instruments for General Surgery—*continued.*

No.



3014

Aneurism Needles, solid forged— £ s. d.

3014 Ordinary pattern 0 3 0



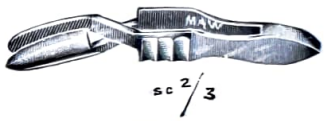
3015

3015 Rectangular... ... ... 0 4 6



3016

3016 Dupuytren's 0 4 6

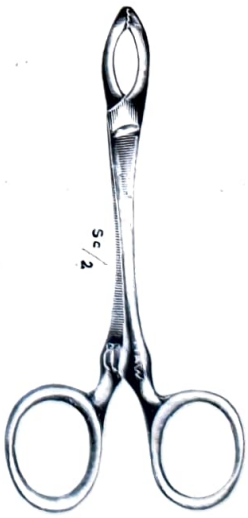


3017

Artery Forceps—

3017 Dieffenbach's or "Bull Dog," fluted 0 2 0

3018 Do. do. with fine points 0 2 0



3019

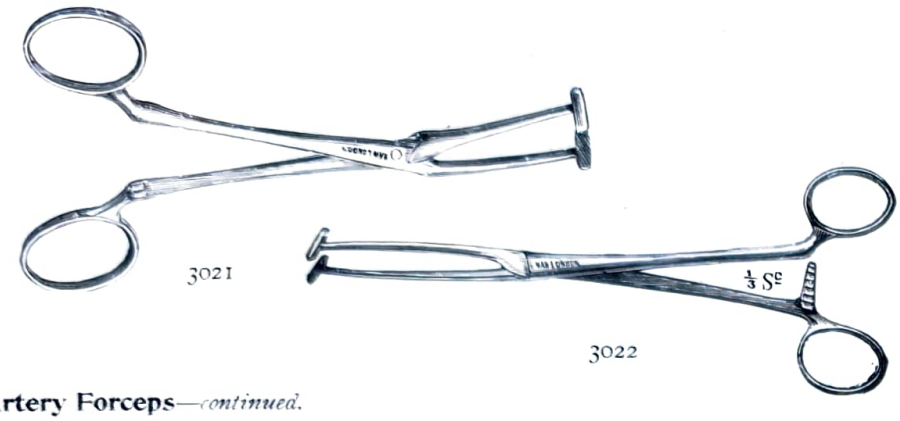


3020

3019 Burghard's, with disjointing blades 0 6 0

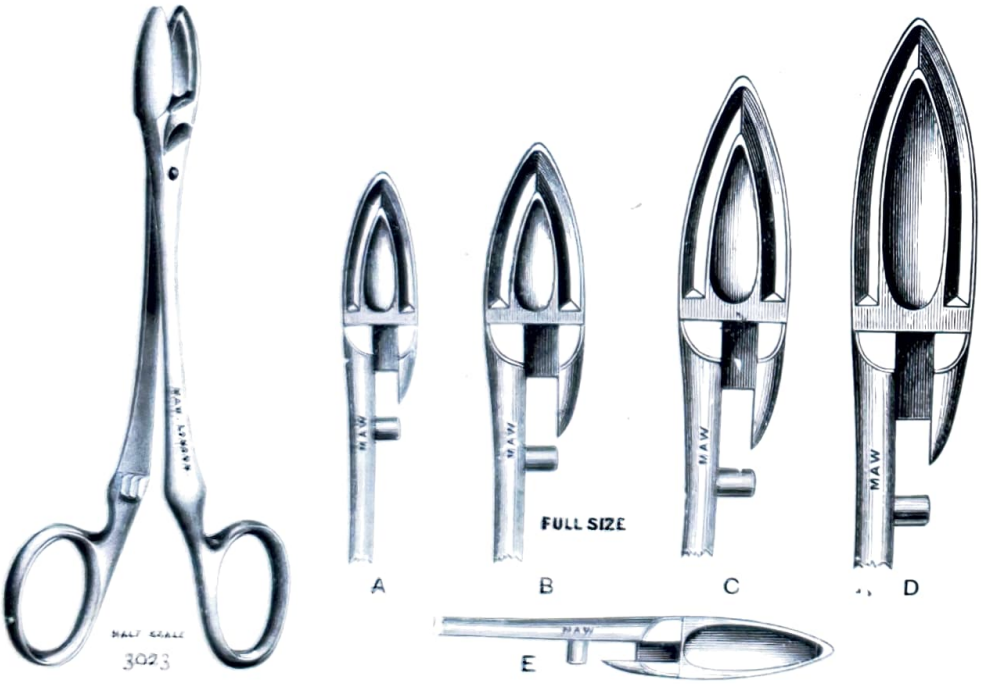
3020 Doyen's, with disjointing blades 0 8 6

Instruments for General Surgery—*continued.*



No. **Artery Forceps**—*continued.*

		£	s.	d.
3021	Elder's angular, 5 in., with disjointing blades	0	8	6
3022	Do. straight, 8 in. do. do.	0	12	0



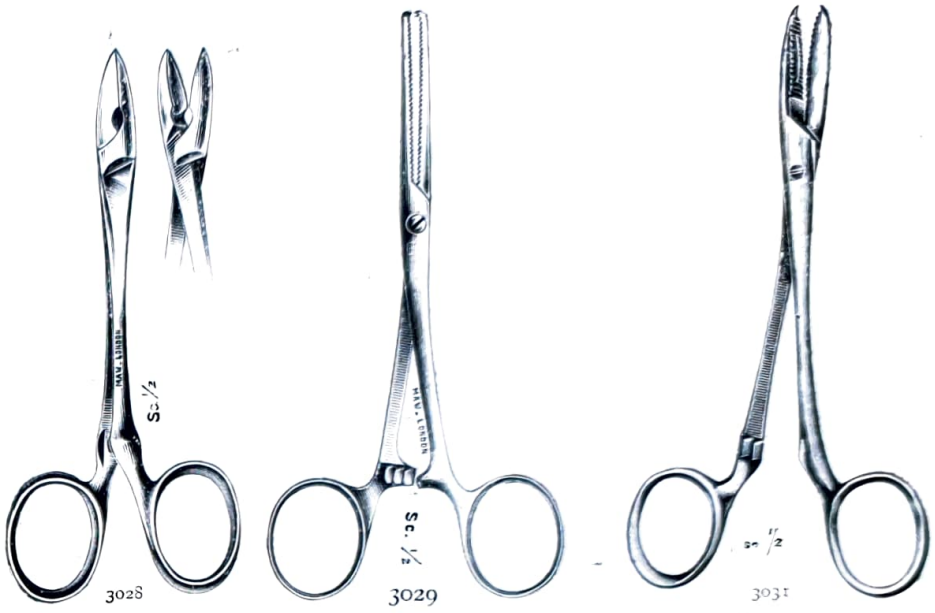
3023	Greig Smith's, disjointing—**A**, 5 in., 8/– ; **B**, 6 in., 10/– ; **C**, 7 in., 12/– ; **D**, 8 in.	0	14	0
3024	Do. do. **E**, 5 in., with single groove for peritoneum ...	0	8	0
3025	Do. do. curved on flat, 8 in.	0	18	0

Nos. 3023 to 3024, if fitted with screw joint, 1/6 *each less.*



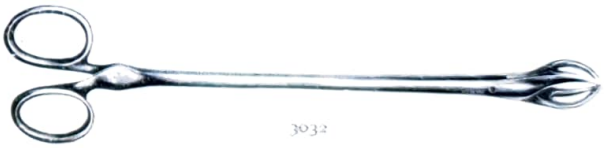
3026	Harrison Cripps's, 9½ in.	0	9	0
	Helbert's (*see page* 211).			
3027	Horsley's, disjointing, with extra stout bows, to act as a weight and thus draw apart the edges of an incision, in place of Retractors	0	6	0

Instruments for eneral Surgery—*continued.*



Artery Forceps—*continued.*

No.		£	*s.*	*d.*
3028	Jordan Lloyd's, with disjointing blades	0	7	6
3029	Kocher's, with screw joint	0	5	6
3030	Do. with disjointing blades	0	6	6
3031	Lane's modification of Spencer Wells's, with tenaculum points	0	7	6



3032	Lane's, 5 in., useful also as flap forceps	0	7	6



3033	Lawson Tait's, with disjointing blades	0	6	0
3034	Do. with screw joint	0	4	6
3035	Liston's improved, Navy pattern, fluted, 5½ and 5 in. ... ... each	0	4	9
3036	Spencer Wells's, with disjointing blades, 4 sizes, 3 in., 6/–; 4½ in., 6/–; 5 in., 6/–; 6 in.	0	8	6
3037	Spencer Wells's, with screw joint, 4 sizes, 3 in., 4/6; 4½ in., 4/6; 5 in., 4/6; 6 in.	0	6	6

Instruments for General Surgery—*continued.*



3038



3043

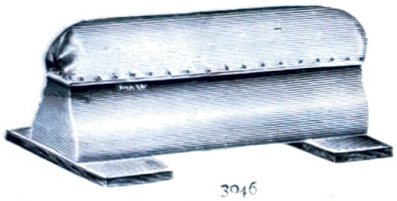


3040



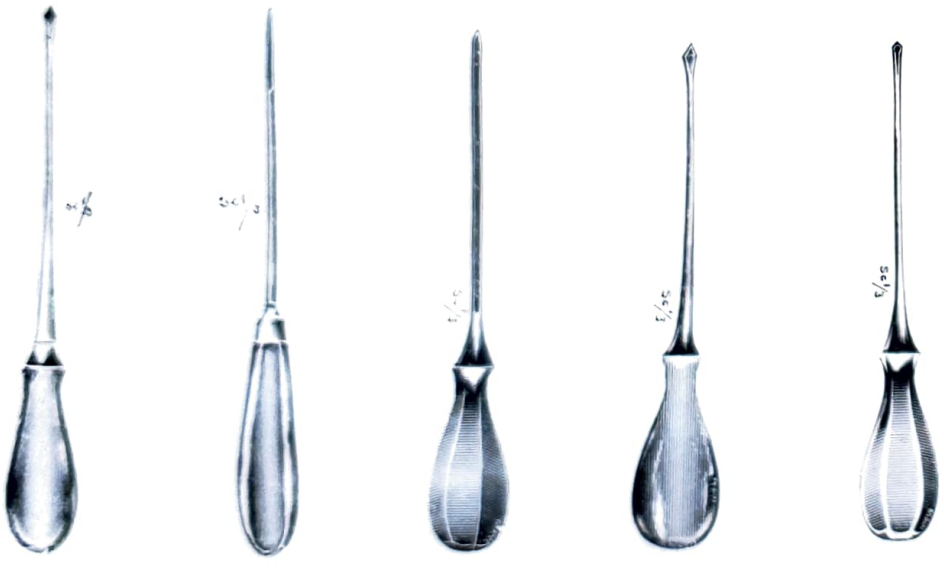
3045

No.	**Artery Forceps**—*continued.*	£	*s.*	*d.*
3038	Spencer Wells's, angular, with screw joint, 5 in.	0	5	6
3039	Do. do. with disjointing blades, 5 in.	0	7	0
3040	Do. angle on flat, with screw joint, 5 in.	0	5	6
3041	Do. do. with disjointing blades, 5 in.	0	7	0
3042	Do. Bland Sutton's modification, with long jaws, 7 in. (*see page* 211)	0	7	0
3043	Spring catch, fenestrated, fluted, 4½ or 5 in.	0	5	6
3044	Do. do. disjointing, 5 in.	0	7	0
3045	Torsion, Bryant's, 4½ in. or 5 in.	0	9	0



3046

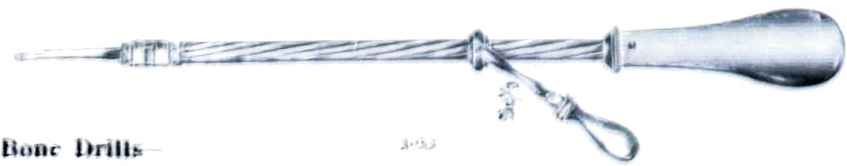
3046	**Bandaging Block.** Volckmann's, white enamelled, for raising the patient's pelvis whilst bandaging on the operating table or bed	0	8	0
3047	Do. do. all metal, nickel plated	1	4	0



3048 3049 3050 3051 3052

Bone Awls, with metal handles—

3048	Lane's, 3 sizes ... ... each	0	5	0
3049	Peters's, half grooved	0	6	6
3050	With long groove	0	7	6
3051	With eye at point, 3 sizes ... ... each	0	5	6
3052	With eye and groove for wire	0	5	6



3053

Bone Drills—

3053	Archimedean, with metal handle and set of 3 points, assorted sizes	0	16	0
3054	Steel drill points to fit dental engine or mouth ... ... each	0	0	6

Instruments for General Surgery—*continued.*



3055

No.		*£ s. d.*
3055	**Bone Elevator,** Wheelhouse's, for Excision of Hip, Ribs, etc.	0 7 0



3056



3060



3062

Bone Forceps—

3056	Liston's, straight, with spring, disjointing, 2 sizes ...	6 in., 10/– ; 8 in.	0 12 0
3057	Do. do. do. with screw joint, ,, ...	6 in., 8/– ; 8 in.	0 10 0
3058	Do. do. without spring, screw joint, 2 sizes ...	6 in., 7/3 ; 8 in.	0 9 3
3059	Do. do. do. disjointing, ,, ...	6 in., 9/3 ; 8 in.	0 11 3
3060	Do. angular, right or left, with screw joint, 8 in.		0 10 0
3061	Do. do. do. disjointing, 8 in.		0 12 0
	If supplied with spring, 9d. extra.		
3062	Do. curved on flat, with screw joint, 8 in.		0 10 9
3063	Do. do. disjointing, 8 in.		0 12 9
	If supplied without spring, 9d. less.		



3064

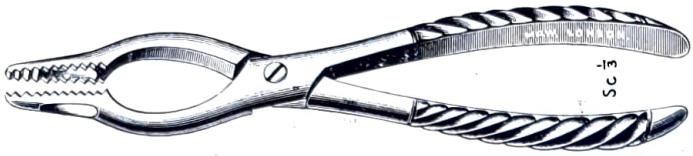
3064	Liston's, flat angular, disjointing, 8 in.	0 12 0
3065	Do. do. with screw joint, 8 in.	0 10 0



3000

3066	Horsley's, with prismatic points, heavy pattern	0 15 0
3067	Do. do. light pattern	0 10 6

Instruments for General Surgery—*continued.*



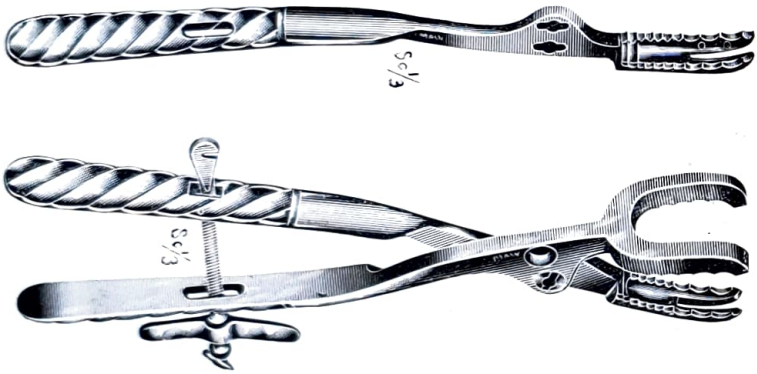
3068

No.		£	*s.*	*d.*
	Bone-Holding Forceps, "Lion"—			
3068	Davy's	0	11	6



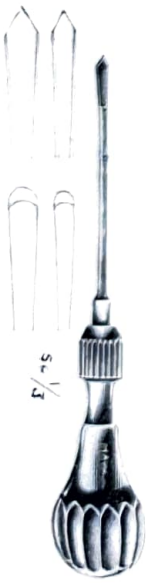
3070

3069	Farabœuf's	0	13	6
3070	Fergusson's, 2 sizes ... ... $6\frac{1}{2}$ in., 8/6; 8 in.	0	11	6
3071	Do. with blades to take apart, 8 in.	0	13	0
3072	Lane's, as supplied with bone-screwing set No. 3083	0	10	6



3073

3073	Peters's, with 3 limbs	1	15	0
3074	Wilcox's, spring, with catch	0	12	6
3075	**Bone Pegs,** Ivory, for Ununited Fractures, etc., pointed at either end, 2 sizes, per doz., 3 in., 5/–; 6 in.	0	7	0



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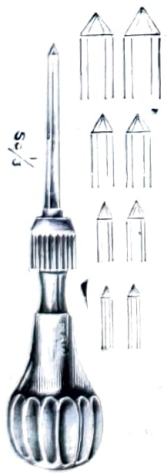


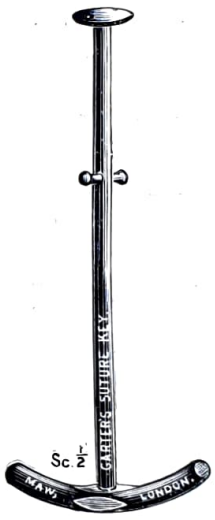
3079



3081

Instruments for General Surgery—*continued.*

No.		£	*s.*	*d.*
	Bone-Screwing Instruments, Lane's—			
3076	Awls, set of 4, fitting one handle	0	17	6
3077	Calipers for gauging the size of screws	0	3	9
3078	Forceps for holding the fragments in apposition	0	10	6
3079	Reamers, set of 9, fitting one handle	0	15	0
3080	Rose-head for counter-sinking screw heads, to fit handle No. 3079 ...	0	3	6
3081	Screwdrivers, set of 3, *i.e.*, $\frac{1}{8}$ in., $\frac{3}{16}$ in. and $\frac{1}{4}$ in., fitting one handle ...	0	16	0
3082	Screws, silver plated, assorted sizes ... ... per doz.	0	2	0
3083	Lane's set of instruments for bone-screwing, consisting of all the above instruments, with 2 dozen assorted screws, in metal case	6	0	0
3084	Lane's large set, consisting of 4 chisels, 4 gouges, 4 screwdrivers, 6 drills, rose-head, hammer, saw—all fitting 2 interchangeable handles—bone-holding forceps, sequestrum forceps, 2 hanks of silver wire, and assortment of screws, in mahogany case	6	10	0



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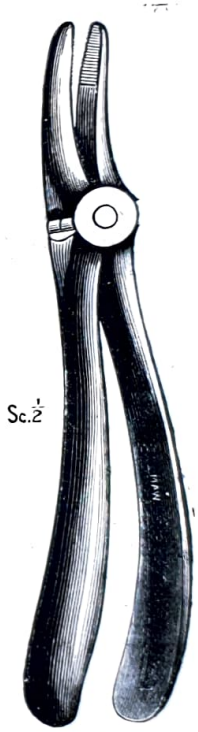

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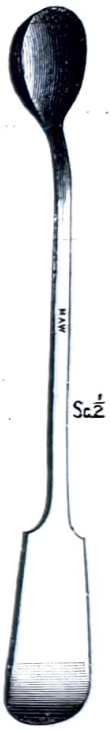


3087



3088

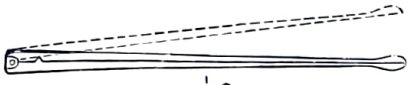
		£	*s.*	*d.*
	Bone-Suturing Instruments, Carter's, for Fractured Jaw—			
3085	Carter's suture key (registered)	0	9	6
3086	Forceps for drawing together the ends of the wire	0	9	0
3087	Spoon	0	3	6
3088	Suture Needles, flexible, 2 sizes ... ... each	0	2	0
3089	Carter's set of instruments for fractured jaw, consisting of suture key, forceps, spoon, large and small needle, 4 reels of silver wire assorted sizes, wire nippers, twisting pliers, 4 drills in metal case, glass tube with metal cap, indiarubber tubing, and file, in aseptic metal case	4	4	0
3090	**Bone-Suturing Wire,** silver, for Fractured Patella, 16 or 18 gauge, per $\frac{1}{2}$ oz.	0	3	0
3091	**Brain Knife,** Horsley's, with thin flexible blade	0	6	0



3092

3092	**Brain Retractor and Elevator,** Donald Armour's, for use in Krause-Hartley's operation for removal of Gasserian-Ganglion	0	4	9

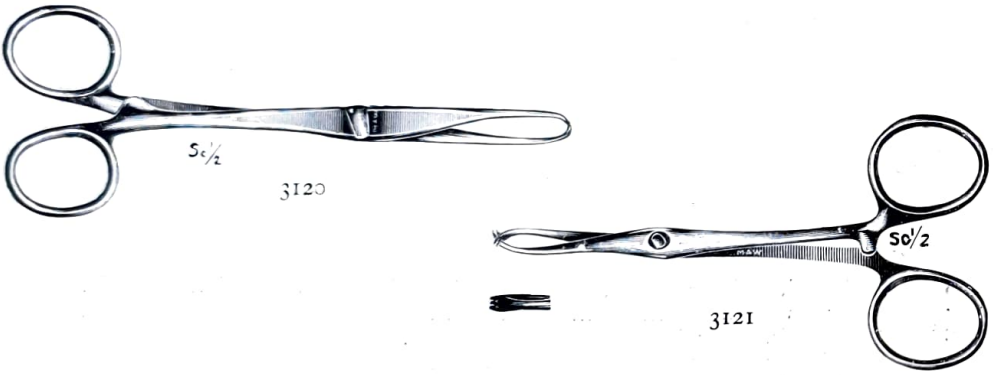
Instruments for General Surgery—*continued.*



No.		*£ s. d.*
3116	**Drainage Tube Introducer,** Raper's	0 10 0
	The above introducer is made in the form of a probe split down the centre. The drainage tube is clasped between the two arms and introduced into the wound; the blades are then opened and withdrawn, the tube being left *in situ*.	
3117	**Drainage Tube Probe**	0 2 3



3118	**Excision Pins,** set of 4 fitting one handle, as used at St. Bartholomew's Hospital	0 8 0
3119	**Dura Mater Elevator,** Victor Horsley's	0 5 0



Flap Forceps, for use instead of Retractors—

3120	Paton's 5 in. disjointing	0 6 9
3121	Porrier's model, 4½ in.	0 6 9



Gland Enucleators—

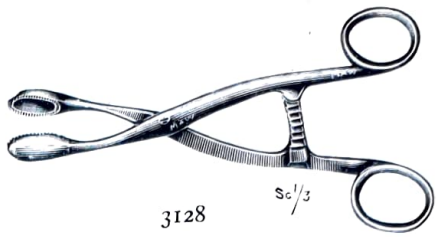
3122	Jameson Johnston's, with one curved and one straight end...	0 5 6
3123	Do. do. modified, with curved end pointed	0 5 6
3124	Kocher's	0 6 0
3125	Lake's, combined with scoop, 2 sizes ... ... 5 in., 4 6; 7 in.	0 5 6



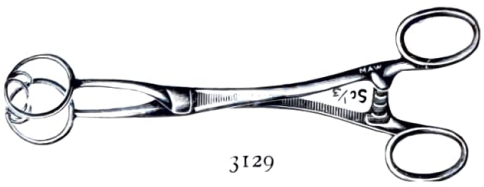
Gland Forceps—

3126	Bryant's	0 6 0
3127	Radcliffe Infirmary pattern	0 7 6

Instruments for General Surgery—*continued.*

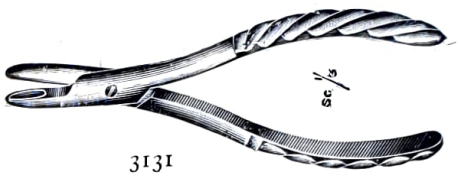


3128

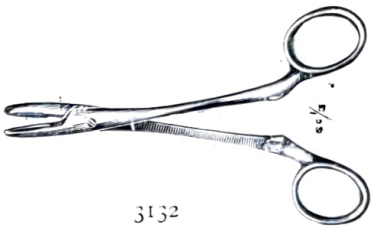


3129

No.	**Gland Forceps**—*continued.*	£	*s.*	*d.*
3128	Godlee's	0	14	0
3129	Kocher's	1	2	0
3130	Do. without teeth, Cummins's modification...	0	15	0



3131

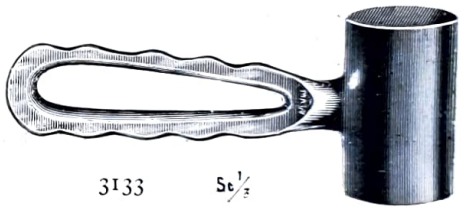


3132

Gouge Forceps—

3131	Lane's	0	10	6
3132	Do. light model, with bow handles	0	8	0

(For other Gouge Forceps see Skull Forceps, pages 33 to 35.)



3133



3134

Hammers and Mallets—

3133	Charles Heath's, solid copper, silver plated	0	14	0
3134	Steel, with fluted handle, 2 sizes ... ... 7 6 and	0	9	6
3135	Boxwood, 3 sizes ... ... ½-lb., 2/3; 1-lb., 3/6; 2-lb.	0	4	9



3136



3137



3138

Hernia Directors—

3136	Key's	0	4	0
3137	Stanley's	0	4	6
3138	Stanley Boyd's, double	0	6	6



3139

Hernia Knives, solid forged—

3139	Curved	0	4	0
3140	Straight	0	4	0

Instruments for General Surgery—*continued.*









No.	3141	3142	3144	3145

Hernia Needles—

		£	s.	d.
3141	Lockwood's	0	5	6
3142	Macewen's, right or left	0	5	6
3143	St. Thomas's pattern	0	6	6
3144	Watson Cheyne's, right or left	0	5	6
3145	Wood's, long curved	0	5	6

Hone for Sharpening Knives, etc.—

3146	Arkansas Stone	plain, 4/6; mounted, with lid	0	7	6



3147



3148



3149



3150



3153



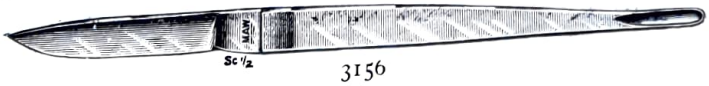
3155

Knives for General Surgery, solid forged—

3147	Abscess Knife, Paget's	0	3	3
3148	Do. Symes's	0	3	3

Instruments for General Surgery—*continued.*

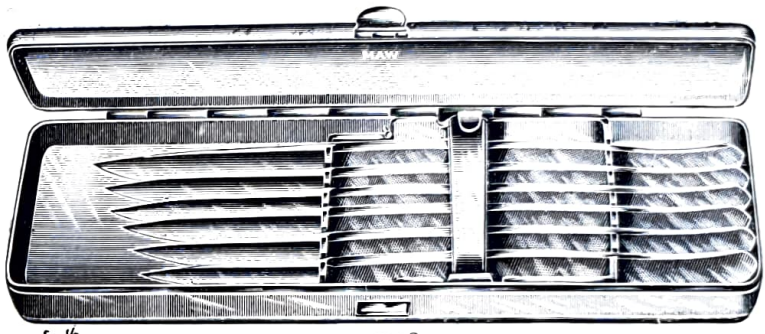
No.	**Knives for General Surgery**—*continued.*	£	s.	d.
3149	Bistoury, curved, sharp pointed...	0	3	6
3150	Do. do. blunt pointed	0	3	6
3151	Do. straight, sharp pointed (finger knife)...	0	3	6
3152	Do. do. blunt pointed	0	3	6
3153	Scalpels, 3 sizes, large, medium and small ... ... each	0	2	6
3154	Do. extra small	0	2	6
3155	Do. with raspatory	0	3	6



3156


3157

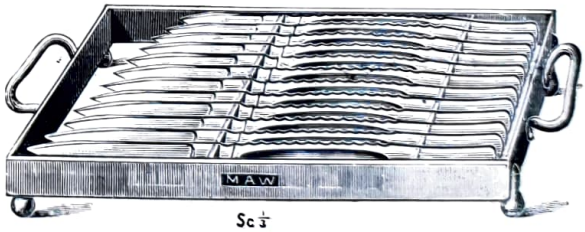
3156	Scalpel, Jordan Lloyd's, with dissector	0	3	6
3157	Do. do. with scoop	0	3	6



3158

Knife Boxes—

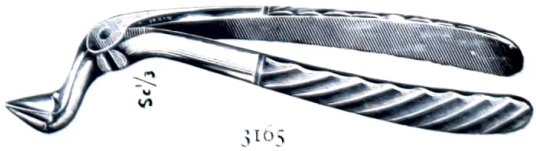
3158	German silver with lift-out rack, complete with 6 scalpels	1	0	6
3159	Do. do. without scalpels	0	5	6
3160	Do. do. large size, complete with 12 scalpels ...	1	18	0
3161	Do. do. do. without scalpels	0	8	0
3162	Nickel plated, common quality, with fixed racks, for 6 scalpels, 1 3; for 12 scalpels	0	1	9



3163

Knife Racks—

3163	Nickel plated ... for 6 scalpels, 5 0; for 8 scalpels 5/6; for 12 scalpels	0	6	0
3164	Porcelain, with wire handles, for placing in sterilising tray, for 10 scalpels	0	2	6



3165

3165	**Laminectomy Forceps,** Victor Horsley's, with crank bend (*see also page 7*)	0	15	0
3166	**Laminectomy Chisels,** right and left ... ... per pair	0	15	0
3167	**Laminectomy Saws,** Macewen's set, consisting of 2 saws and 2 rasps, fitting one handle	1	10	0



3168

Lenticulars—

3168	Circular end	0	6	0
3169	Pentagon end	0	6	0

Instruments for General Surgery—*continued.*



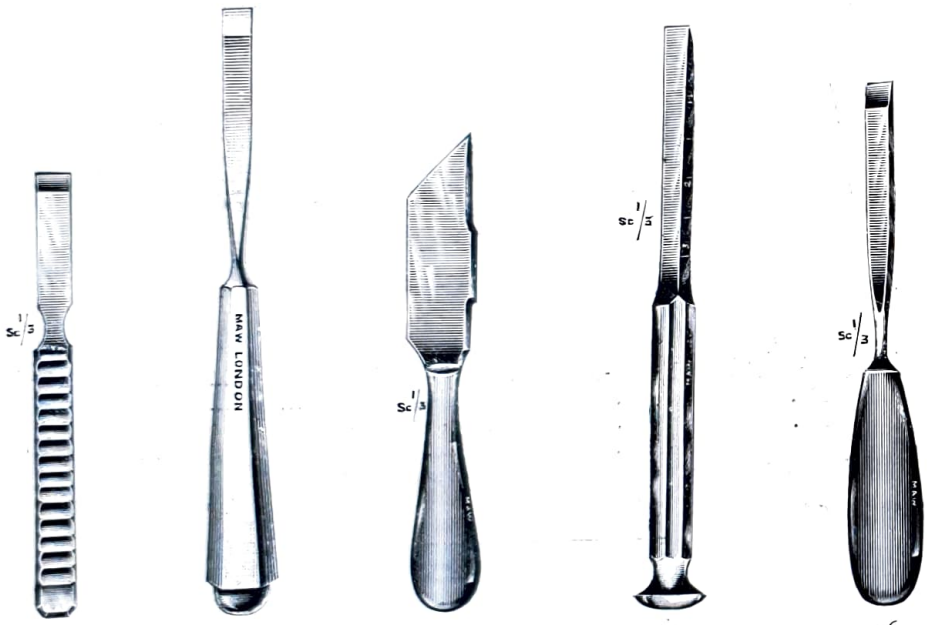
3170

No.		£	*s.*	*d.*
3170	**Nævus Cautery,** Wordsworth's, with insulated metal handle	0	5	9



3171

3171	**Nævus Needle,** Liston's, solid forged	0	3	6



3172 3173 3174 3175 3176

Necrosis Chisels—

3172	Flat handle, solid forged, 3 sizes, $\frac{5}{16}$, $\frac{3}{8}$ and $\frac{7}{16}$ in. ... ... each	0	4	6
3173	Hexagon handle, solid forged	0	5	6
3174	Lindhart's	0	6	6
3175	Macewen's, solid forged, 2 sizes, $\frac{5}{16}$ and $\frac{7}{16}$ in. ... ... each	0	5	6
3176	Rounded handle, 3 sizes, $\frac{5}{16}$, $\frac{3}{8}$ and $\frac{7}{16}$ in. ... ... ,,	0	4	6
3177	Trelat's, solid forged	0	3	0



3178



3179



3180

Necrosis Gouges—

3178	Flat handle, solid forged, 4 sizes, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$ and $\frac{7}{16}$ in. ... ... each	0	4	6
3179	Rounded handle, 3 sizes, $\frac{1}{4}$, $\frac{5}{16}$ and $\frac{3}{8}$ in. ... ... ,,	0	4	0
3180	Rounded handle, with thumb rest, Guy's pattern, $\frac{1}{4}$ in.	0	7	6

Instruments for General Surgery—*continued.*



3181

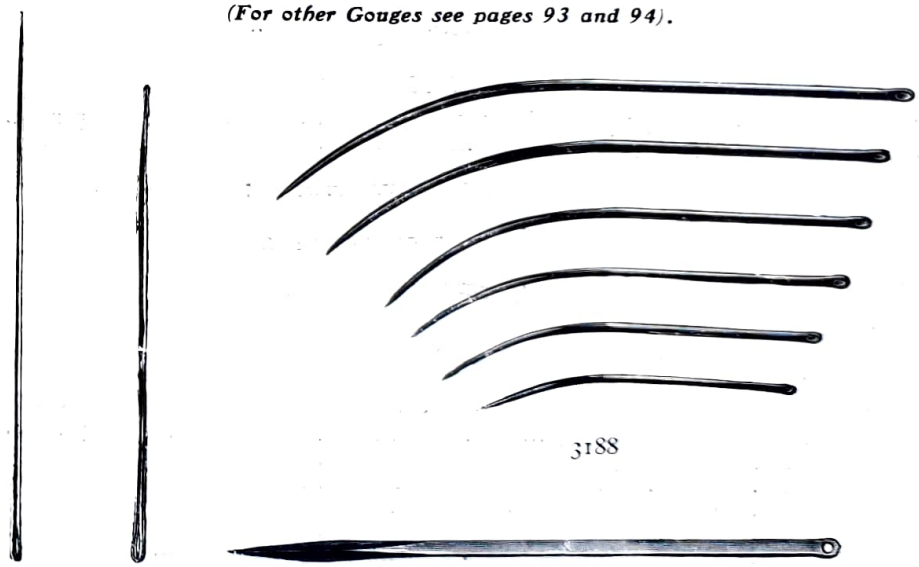
No.	**Necrosis Gouges**—*continued.*	£	*s.*	*d.*
3181	Tubby's, with oblique rounded head to fit palm of hand	0	8	6



3182 3183

3182	Trelat's, solid forged, straight, 3 sizes	each	0	4	0
3183	Do. do. curved, 3 sizes	,,	0	4	6

(For other Gouges see pages 93 and 94).



3188

3185 3186 3189

Needles for Suturing—

(All the following Needles are nickel plated and are sold in packets of six, assorted sizes, or six of one size.)

3184	Abdominal, Bland-Sutton's, extra fine, triangular, 2½ or 4 in. ...	per doz.	0	2	3
3185	Do. Keith's, 2 in.	,,	0	2	3
3186	Do. Sims's	,,	0	2	3
3187	Do. Bonney's, with triangular points and Hagedorn's reversed haft, curved, sizes 1–13, alternate sizes, per doz.		0	2	9
3188	Do. do. do. do. ½-curved, sizes 1–13, alternate sizes ... per doz.		0	2	9
3189	Do. do. do. do. straight, sizes 1–13, alternate sizes ... per doz.		0	2	9

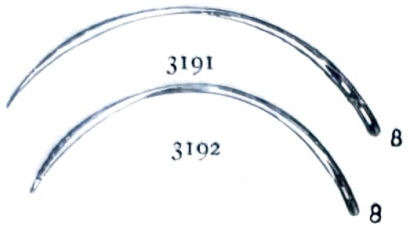
EXTRACT FROM "LANCET," MAY 23, 1903:—

The main features of this needle are three. **Firstly**, the point, which is triangular or bayonet-shaped, this being, I consider, the best both for penetration and for avoiding the cutting of tissues (and consequent bleeding) which is such a drawback to the Hagedorn point, especially where one is dealing with tissues like the uterine wall. Moreover, the point is an easier one to grasp during withdrawal, either with the forceps or with the hand, than that of the latter needle which invariably either turns on edge or cuts the fingers. The second feature is the eye, which is similar to the round Hagedorn eye and like that pattern is threaded easily. The third and last peculiarity is the haft, which is flattened at right angles to the plane of the curve in a manner similar to that which obtains in the so-called "reversed" Hagedorn needle. The advantage of this flattened haft is the excellent hold that can be got upon the needle with an ordinary Spencer Wells pressure forceps, thus dispensing with various forms of needle holders.

W. F. VICTOR BONNEY, M.D.LOND.

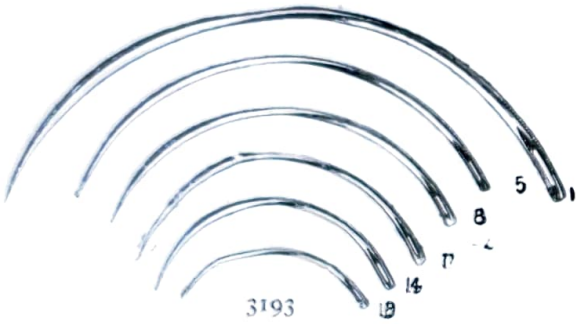
Instruments for General Surgery—*continued.*



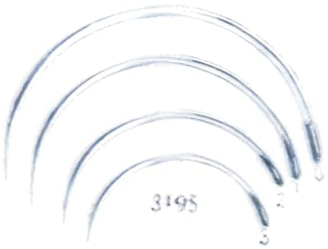


(All the following Needles are nickel-plated, and are sold in packets of six, assorted sizes, or six of one size.)

No.	**Needles for Suturing**—*continued.*	£	*s.*	*d.*
3190	Curved, round bodies, sizes 1–18 ... ... per doz.	0	2	0
3191	Do. two-eyed, sizes 1–10 ... ... ,,	0	2	9
3192	Do. triangular, sizes 1–18 ... ... ,,	0	2	0

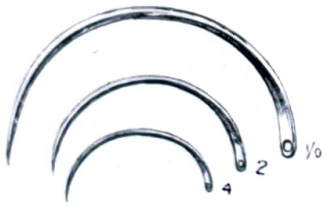


3193	Curved, ordinary pattern, sizes 1–18 ... ... per doz.	0	2	0
3194	Do. eye at point, sizes 1–3 ... ... ,,	0	2	6



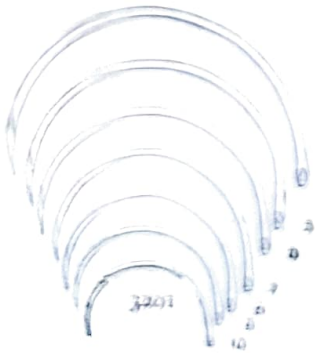


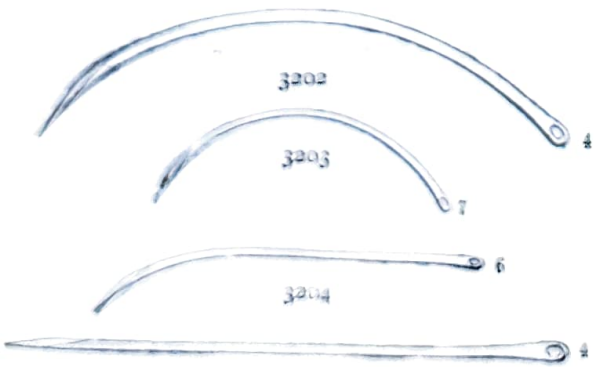
3197



3198

3195	Fistula, curved, sizes 0–3 ... ... per doz.	0	2	6
3196	Do. Emmett's, trocar points, sizes 1–3 ... ... ,,	0	2	3
3197	Do. do. round points, sizes 1–3 ... ... ,,	0	2	3
3198	Do. curved, round eyes, sizes 0–4 ... ... ,,	0	2	6
3199	Do. ½-curved, sizes 0–3 ... ... ,,	0	2	6
3200	Do. straight, sizes 0–3 ... ... ,,	0	2	6

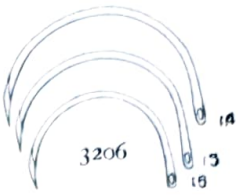


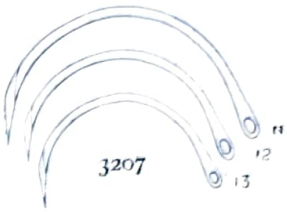


3205

3201	Hagedorn's ½-circle, sizes 1–10 ... ... per doz.	0	2	3
3202	Do. ⅜-circle, sizes 1–13 ... ... ,,	0	2	3
3203	Do. ⅜-circle, sizes 1–13 ... ... ,,	0	2	3
3204	Do. ½-curved, sizes 1–13 ... ... ,,	0	2	3
3205	Do. straight, sizes 1–13 ... ... ,,	0	2	3

Instruments for General Surgery—*continued.*





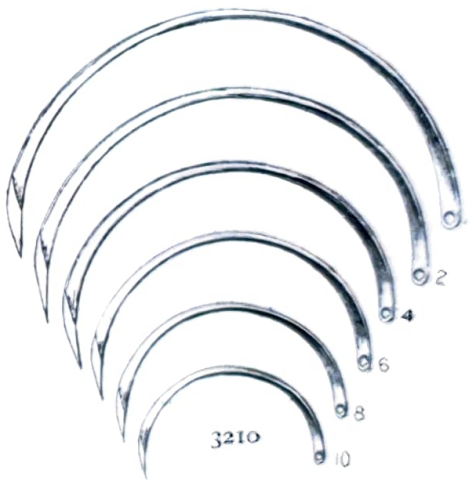


Needles for Suturing—*continued.*

(*All Needles are nickel plated and are sold in packets of six, assorted sizes, or six of one size*).

No.			£	*s.*	*d.*
3206	Hagedorn's, thin Fistula, sizes 14–16	per doz.	0	2	6
3207	Do. stout do., sizes 11–13	,,	0	2	6
3208	Do. Intestinal, sizes 17–19	,,	0	2	6

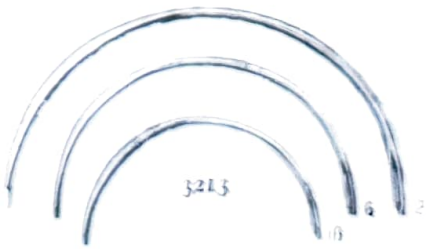

3209



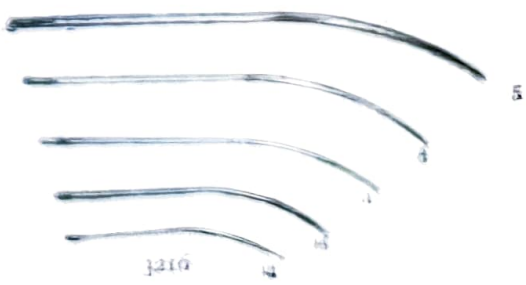
3210


3212

3209	Hagedorn's, reversed, straight, sizes 1–13	per doz.	0	2	9
3210	Do. do. ¼-circle, sizes 1–13	,,	0	2	9
3211	Do. do. ⅜-circle, sizes 1–13	,,	0	2	9
3212	Do. do. ½-curved, sizes 1–13	,,	0	2	9



3213



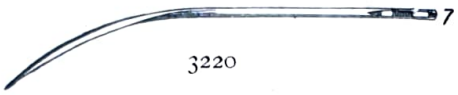
3216

3213	Half-circle, ordinary pattern, sizes 1–13	per doz.	0	2	0
3214	Do. with round eyes, do. 1–13	,,	0	2	0
3215	Half-curved, eye at point, do. 1–5	,,	0	2	6
3216	Do. ordinary pattern, sizes 1–13	,,	0	2	0
3217	Do. with round bodies, do. 1–13	,,	0	2	0
3218	Do. with round eyes, do. 1–13	,,	0	2	0

Instruments for General Surgery—*continued.*



3219

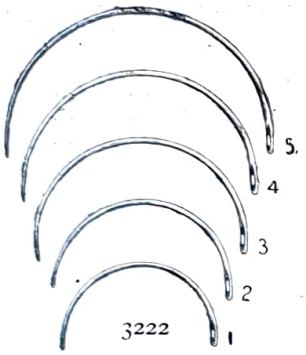


3220

No.	**Needles for Suturing**—*continued.* *(All Needles are nickel plated, and are sold in packets of six, assorted sizes, or six of one size.)*	£	s.	d.
3219	Half-curved, triangular, sizes 1–18 ... ... per doz.	0	2	0
3220	Do. do. with two eyes, sizes 1–12 ... ... ,,	0	2	9



3221



3222



3224

3221	Intestinal, ½-curved, sizes 1–5	per doz.	0	2	6
3222	Do. ½-circle, sizes 1–5	,,	0	2	6
3223	Do. straight, sizes 1–5	,,	0	2	6
3224	Lister's, curved, sizes 1–10	,,	0	2	6

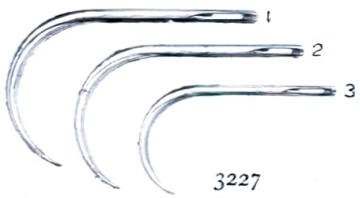


3225

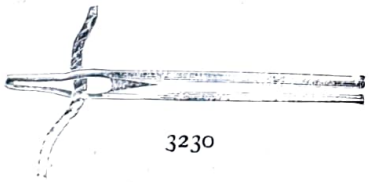


3226

3225	Lister's, ½-curved, sizes 1–10	per doz.	0	2	6
3226	Do. straight, sizes 1–10	,,	0	2	6



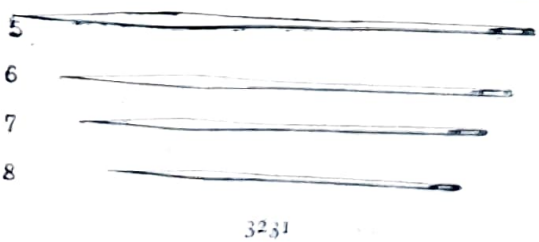
3227



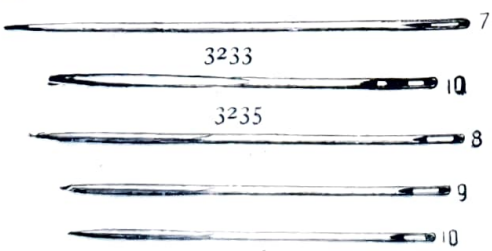
3230

3227	Mouth, with sharp curve, sizes 1–3	per doz.	0	2	6
3228	Paterson's, curved, sizes 1, 5 and 9	,,	0	3	0
3229	Do. ½-curved, sizes 5, 7 and 9	,,	0	3	0
3230	Do. straight, 2½ in. and 3½ in.	,,	0	3	0

The advantage of this form of Needle is that the thread becomes firmly gripped in the eye and cannot slip out.



3231



3233

3235

3236

3231	Straight, ordinary pattern, sizes 1–18	per doz.	0	2	0
3232	Do. eye at point, sizes 1–3	,,	0	2	6
3233	Do. with round bodies, sizes 1–18	,,	0	2	0
3234	Do. with round eyes, sizes 1–18	,,	0	2	0
3235	Do. with two eyes, sizes 1–12	,,	0	2	9
3236	Do. triangular, sizes 1–18	,,	0	2	0

Instruments for General Surgery—*continued.*

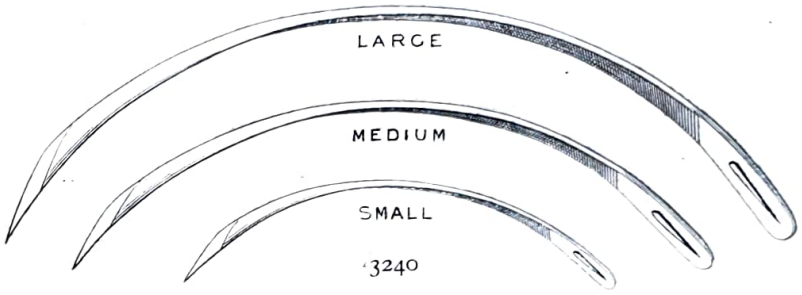


Needles for Suturing—*continued.*

(*All Needles are nickel plated, and are sold in packets of six, assorted sizes, or six of one size.*)

No.			*£*	*s.*	*d.*
3237	Spring-eyed, curved, sizes 5 to 18	per doz.	0	2	9
3238	Do. ½-curved, sizes 5 to 18	,,	0	2	9
3239	Do. straight, sizes 5 to 18	,,	0	2	9

(*Any form of Needle can be made with spring eye if desired, but the above are the only patterns kept in stock.*)



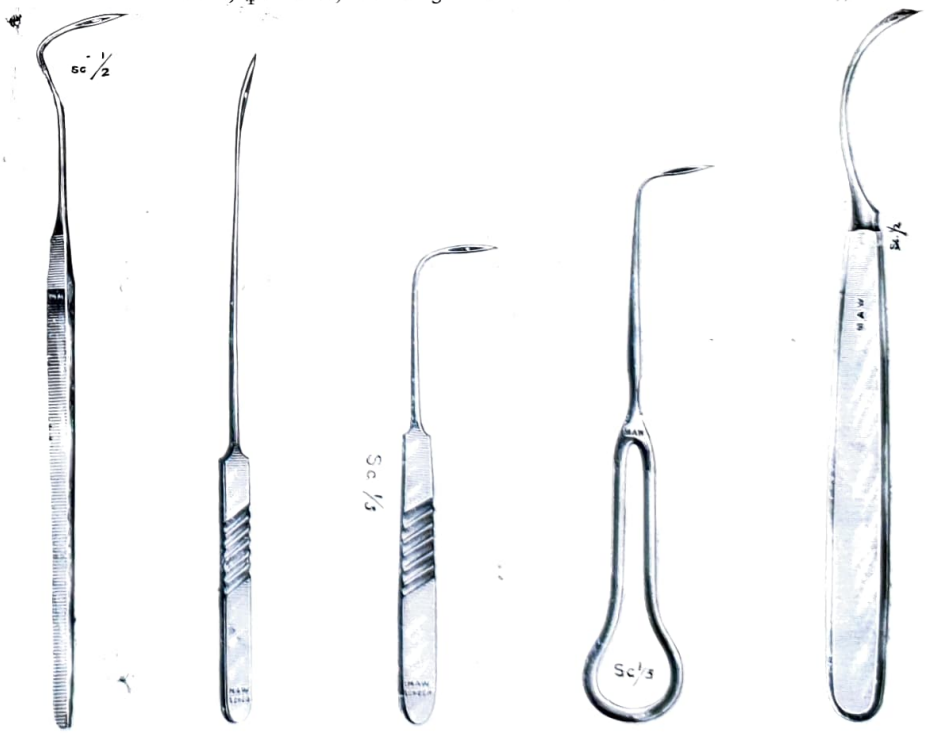
3240

3240	Uterine, Doyen's, with file-cut shanks, 3 sizes	per doz.	0	5	6



3241 3242 3243

3241	Uterine, Emmett's, with lance points, sizes 1–4	per doz.	0	2	3
3242	Do. Kelly's, oblique curved, sizes 1–3	,,	0	2	6
3243	Do. Sims's, ¼-curved, sizes 1–3	,,	0	2	3



3244 3245 3246 3247 3248

Needles for Suturing, in handles—

3244	Carsten's, solid forged	0	4	6
3245	Cullingworth's, solid forged	0	5	0
3246	Do. fine rectangular, solid forged	0	4	6

Instruments for General Surgery—*continued.*

No.	**Needles,** in Handles—*continued.*	£	*s.*	*d.*
3247	Cullingworth's, with loop handle, 2 sizes ... ... each	0	5	0
3248	Doyen's, long, medium, or short curve ... ... ,,	0	6	6



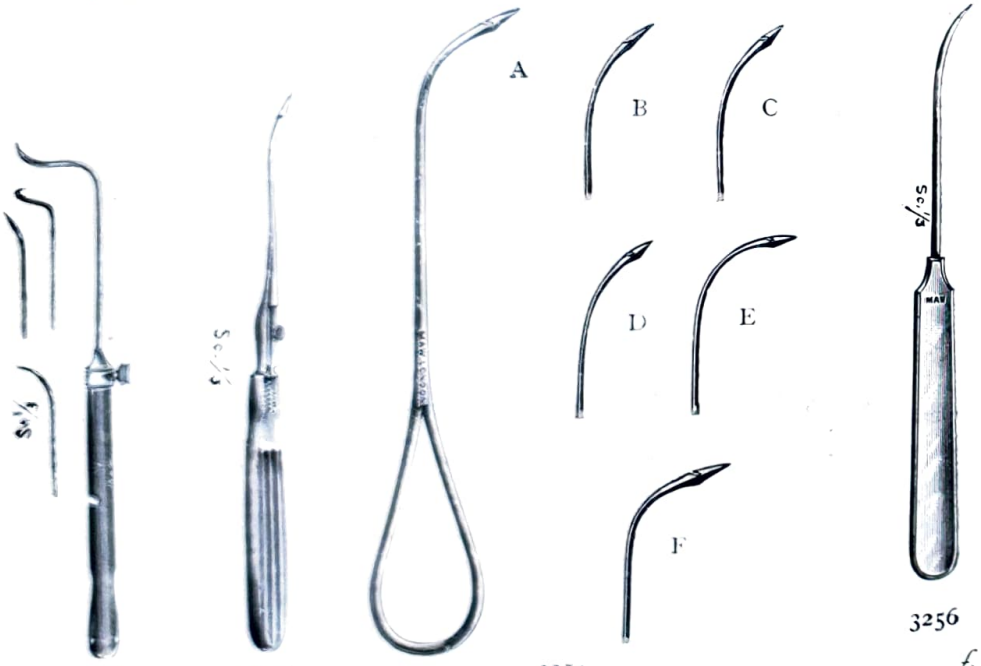
3250

3250	Doyen's, with loop handle	0	3	0



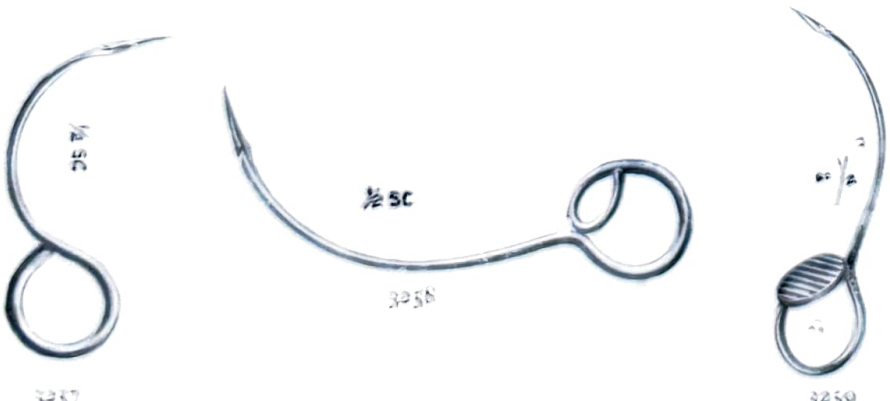
3251

3251	Elder's, 3 sizes ... ... each	0	4	6



3252 3253 3254 3256

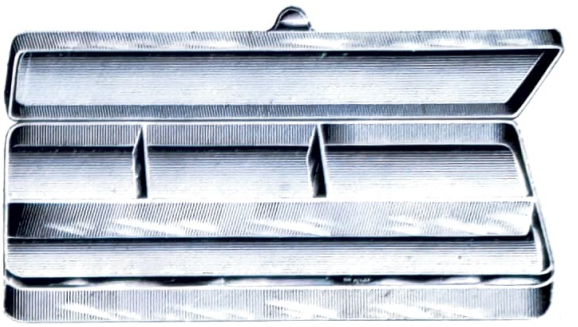
		£	*s.*	*d.*
3252	Kellock's, set of 4 fitting one handle	0	9	0
3253	Reverdin's, with guarded eye	0	15	0
3254	St. Thomas's pattern, with slot eye and wire handle, various curves, A, B, C, D, E and F ... ... each	0	2	9
3255	Do. do. set of 3 in metal case	0	15	0
3256	Tait's, with rounded eye	0	4	6



3257 3258 3259

3257	Wire, with loop handle	0	1	0
3258	Do. do. with thumb rest	0	2	0
3259	Do. do. Barker's, with thumb rest	0	2	0

Instruments for General Surgery—*continued.*



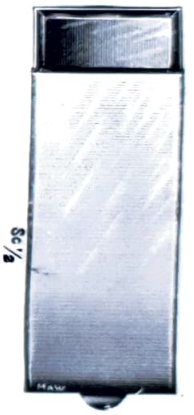
3260

No. **Needle Boxes**— *£ s. d.*

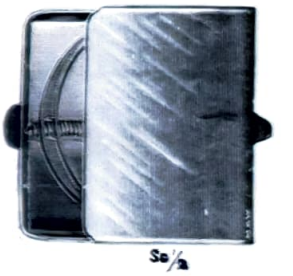
3260 German silver, 7½ by 3½ in., with partitions 0 9 0



3261



3262

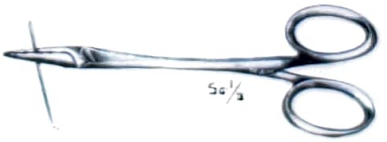


3263

3261 Glass, with ground lid, 3 in. diameter 0 1 6

3262 Nickel plated, with sliding lid, 5 sizes, 1¼ by ¾ in., – 6; 1½ by ¾ in., – 6; 2 by 1 in., – 8; 3 by 1½ in., – 8; and 3 by 1¾ in. 0 0 10

3263 Do. do. with spring slots for holding the needles, 2 by 1½ in. ... 0 1 6



3264



3265

Needle Holders—

3264 Bruce Clarke's, used also as Artery Forceps 0 6 0

3265 Collins's, with automatic spring catch 0 7 6



3266



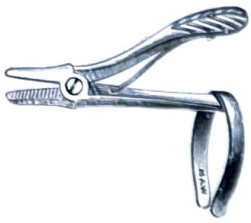
3267

3266 Coram James's, with catch

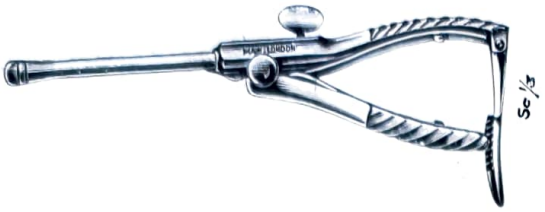
3267 Doyen's, to hold a needle at any angle, with long handle for abdominal operations 0 6 0

0 10 6

Instruments for General Surgery—*continued.*



3268

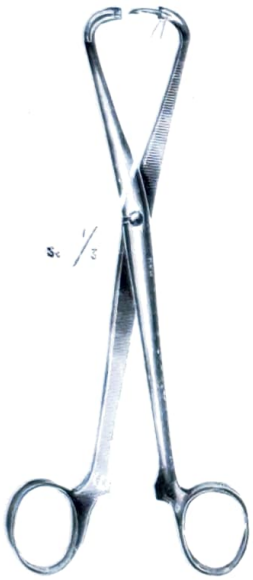


3269

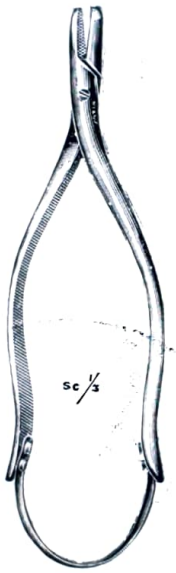
No.	**Needle Holders,** *continued*—	£	s.	d.
3268	Galezowski's, with ring for thumb	0	4	6
3269	Hagedorn's, improved	0	19	0



3270



3271



3272

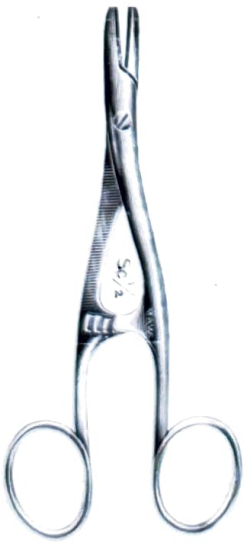
3270	Kemp's, with central pin and 6 needles, in case	0	16	6
3271	Kurz's "Automatic," for deep cavities, with 12 special needles, in pouch ...	0	13	6
3272	Lane's, with spring	0	12	6



3273



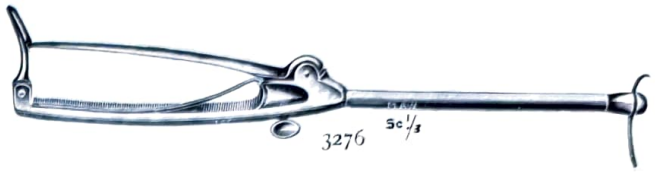
3274



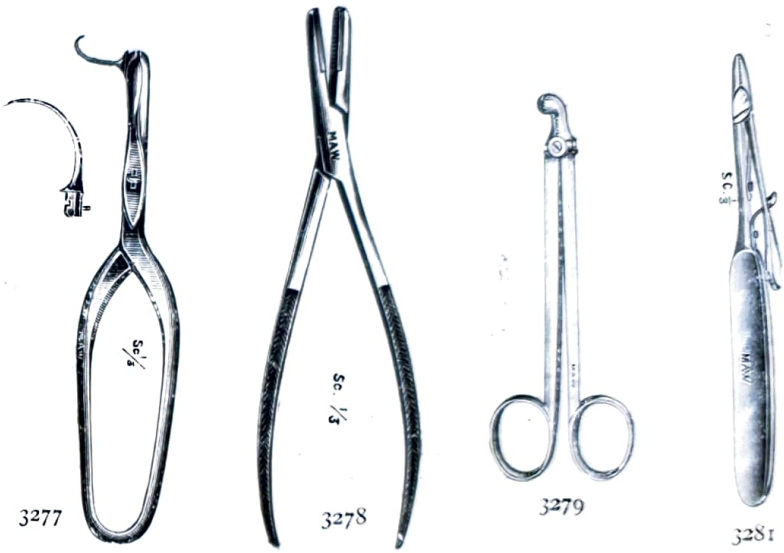
3275

3273	Macphail's, a universal holder for all varieties of needles 5½ in., 9/6 ; 7 in.	0	12	0
3274	Pinnder's, spring action	0	8	6
3275	Beck action, bow handles, with lead-lined blades	0	7	6

Instruments for General Surgery—*continued.*



No.	**Needle Holders**—*continued.*	£	s.	d.
3276	Pozzi's	0	17	6



3277	Reverdin's, with set of three needles, in leather case	1	15	0
3278	Rotunda Hospital model	0	8	0
3279	Spencer Wells's	0	5	0
3280	Do. with catch...	0	5	6
3281	Steven's, with spring catch, for straight needles	0	16	6
3282	Do. do. do. for curved needles	0	17	6



3283	**Onychia Scissors,** for splitting the Toe-nail, etc.	0	4	6
	Onychia Forceps, for excision of Toe-nail—			
3284	Spring	0	4	6
3285	Angular, with flatted handles	0	7	0

Instruments for General Surgery—*continued.*



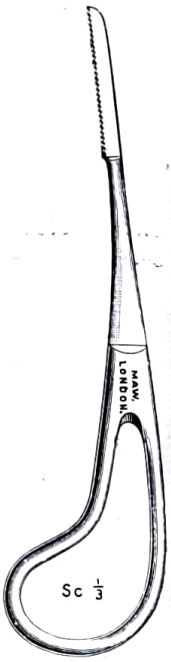
3286



3287



3289



3290

No.		£	*s.*	*d.*
	Osteotomes, solid forged—			
3286	Macewen's, graduated 3 sizes, $\frac{3}{8}$ in., $\frac{7}{16}$ in., and $\frac{1}{2}$ in. ... ... each	0	5	0
3287	Do. fan shaped, $\frac{3}{4}$ in.	0	6	6
3288	Reeves's graduated...	0	7	0
3289	**Osteotomy Knife,** Adams', for Subcutaneous Osteotomy	0	5	3
3290	**Osteotomy Saw,** Adams', with wire handle	0	8	0
3291	Do. do. do. with amputation saw handle	0	13	6

(**For *Hammers and Mallets, see page 13.***)



3293

3292	**Patella Hooks,** Malgaigne's, improved	0	16	0
3293	**Patella Needle,** Barker's	0	6	6
3294	**Patella Pins,** as used at St. Thomas's Hospital ... ... per doz.	0	2	6
3295	Do. as used in St. Bartholomew's Hospital (*see* **Excision Pins,** *page* 12), per set	0	8	0



3296



3297



3299



3300



3301



3302

Instruments for General Surgery—*continued.*

Periosteal Elevators, Raspatories, etc.

No.		£	s.	d.
3296	Doyen's, curved for under surface of ribs	0	7	6
3297	Durham's, with fluted shaft	0	5	6
3298	Ellis's, with fluted shaft (*for illustration see page* 11)	0	5	0
3299	Horsley's, as supplied in the Army surgeon's case	0	6	6
3300	Langenbeck's	0	5	6
3301	Do. as used at St. Thomas's Hospital...	0	5	6
3302	Macewen's	0	5	6



3303



3304



3305

3303	**Rugine,** Farabœuf's, straight	0	6	0
3304	Do. do. curved	0	6	0
3305	Do. do. fenestrated	0	6	6
3306	**Pins,** Acupressure, with steel heads, 3–5 in. ... ... per doz.	0	2	6
3307	Do. Acupuncture, with steel heads, 3–5 in. ... ... ,,	0	2	6
3308	Do. Aneurism, for scratching, after Macewen's method, 8 sizes ... ,,	0	2	0



3309

Probes, electro plated or silver (*see* **Bullet Probes,** *page* 10).

Resection and Breast Knives—

3309	Solid forged, with grooved handle, 2 sizes ... ... each	0	4	6
3310	Do. with tang	0	5	0
3311	Do. with blunt point	0	4	6



3313



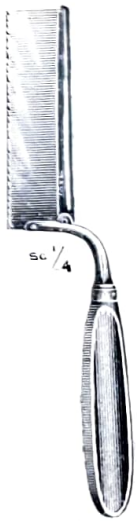
3315



3316



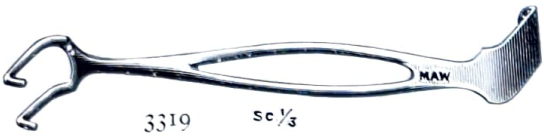
3317



3318

Instruments for General Surgery—*continued.*

No.		£	s	d.
	Resection Saws—			
3312	Fergusson's, large (*for illustration see page 2*)...	0	14	6
3313	Do. small, with lifting back	0	7	6
3314	Fripp's	0	14	6
3315	Do. with pistol handle	0	15	6
3316	Horsley's, for Jaw...	0	15	0
3317	Keyhole pattern, solid forged	0	4	6
3318	Wood's, with solid forged handle and lifting back, 2 sizes ... each	0	10	6



3319 Sc ⅓



3320



3321



3322

Retractors—

3319	Czerny's, solid forged	0	6	0
3320	Double-ended, copper, nickel plated, 6 sizes, each, ½ in., 1/9 ; ¾ in., 1/9 ; 1 in., 2/– ; 1¼ in., 2/– ; 1½ in., 2/3 ; 1¾ in.	0	2	3
3321	Do. wire, 2 sizes ... ... 1 in., 2/3 ; 1½ in.	0	2	6
3322	Double Hook, Army pattern	0	6	6



3323



3324



3325



3326

3323	Durham's, solid forged, 4 sizes, each, ½ in. and ⅝ in., 7/– ; ⅞ in., 7/6 ; 1 in.	0	8	0
3324	Farabœuf's, solid forged	0	8	6
3325	Furnival's, double ended	0	7	0
3326	Guy's pattern, solid forged, 4 sizes, ⅝ in., 7/6 ; ¾ in., 7/6 ; ⅞ in., 8/– ; 1¼ in.	0	8	6



3327



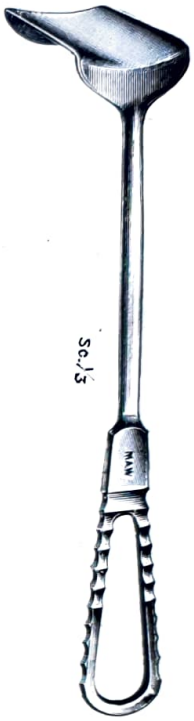
3328

3327	Hook, blunt, single	0	3	3
3328	Do. do. double	0	5	6
3329	Jordan Lloyd's automatic retractor, with double sharp hook at either end ...	0	3	6
3330	Do. do. do. with single sharp and double blunt hook, 3 sizes... ... ... each, 4/6 ; 5/6 and	0	6	6

Instruments for General Surgery—*continued.*



3331



3332

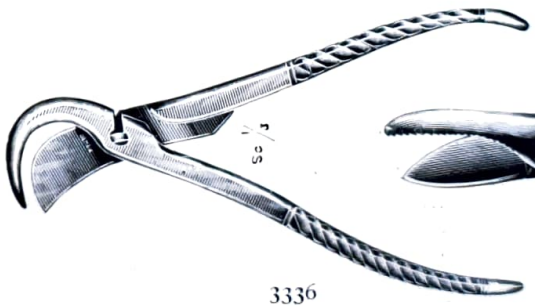


3334

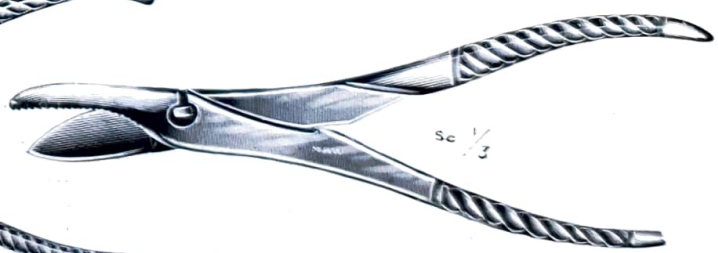


3335

No.	**Retractors**—*continued*—	£	*s.*	*d.*
3331	Langenbeck's, solid forged, 2 sizes ... ... ¼ in., 6/6; ½ in.	0	7	0
3332	Morris's, single, flat, 3 sizes ... ... 1½ in., 15/–; 2 in., 16/–; 2½ in.	0	17	0
3333	Do. double, 3 sizes, 1¼ in. and 1½ in., 16/–; 1¾ and 2 in., 17/–; 2¼ in. and 2½ in.	0	18	0
3334	Rectangular, ⅝ in.	0	8	6
3335	Sunderland Infirmary pattern, with loop handle	0	8	9

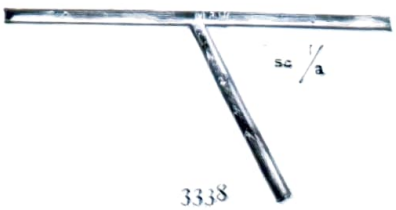


3336



3337

3336	**Rib Shears**—Estlander's curved	0	14	6
3337	Do. straight	0	14	6



3338



3339

3338 **Rolandometer,** Horsley's, flexible metal 0 4 6

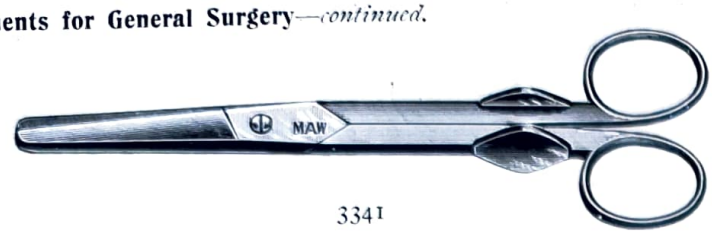
The main limb of the instrument is placed on the skull from the external occipital protuberance to the root of the nose, with the point of junction of the two limbs 5 centimetres behind the centre of the line joining these two points. The graduated limb, which is set at an angle of 67° with the other and slopes downwards and forwards, will then lie over the fissure of Rolando.

Rugines (*see* **Periosteal Elevators,** *page* 27).

Scissors, with nickel plated handles

3339	Angular with closed shank, 2 sizes	4½ in. 3/3; 5 in.	0	3	9
3340	Do. do. disjointing, 2 sizes ...	4½ in. 4/6; 5 in.	0	5	0

Instruments for General Surgery—*continued.*



3341

No.		£	*s.*	*d.*
	Scissors, nickel plated—*continued.*			
3341	Straight, round-pointed, with Charles Heath's elevating wings; 5 in., 5/6; 6 in.	0	6	6

This improvement in scissors and other instruments enables the operator to place his fingers through the bows whilst the instrument is lying in the sterilizing tray without the use of the other hand, much time and annoyance being thus saved.



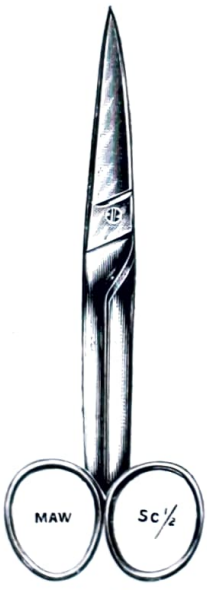
3342



3344

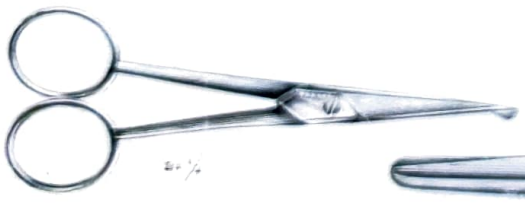


3346

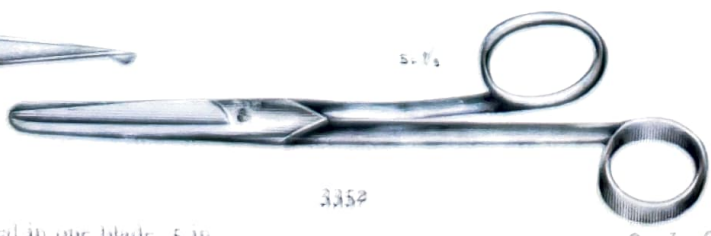


3348

3342	Curved on flat, round-pointed, 3 sizes ... 5 in., 5/–; 6 in., 6/–; 8 in.	0	8	0
3343	Do. do. disjointing, 3 sizes ...5 in., 6/6; 6 in., 7/6; 8 in.	0	9	6
3344	Angle on flat, 2 sizes ... ... 5 in., 4/6; 6 in.	0	5	6
3345	Do. disjointing, 2 sizes ... ... 5 in., 6/–; 6 in.	0	7	0
3346	Straight, round-pointed, 4 sizes ... 3 in., 2/–; 4½ in., 2/3; 5 in., 2/6; 6 in.	0	3	6
3347	Do. do. disjointing, 3 sizes .. 4½ in., 4/3; 5 in., 4/6; 6 in.	0	5	6
3348	Do. sharp-pointed, 2 sizes ... ... 5 in., 2/6; 6 in.	0	3	6
3349	Do. do. disjointing, 2 sizes ... ... 5 in., 4/6; 6 in.	0	5	6
3350	Do. one blade round-pointed and one blade sharp-pointed ... 5 in.	0	2	6
	Any of the above scissors, if fitted with Charles Heath's elevating wings, as No. 3341 ... ... extra each	0	3	0



3351



3352

3351	Straight, button-pointed in one blade, 5 in.	0	5	6
3352	Suture or ligature scissors, Kocher's, to rest in palm of hand, leaving the fingers free, 2 sizes ... ... 5 in., 4/6; 6 in.	0	5	6

The little finger is passed through the small bow, and the scissors are held in the palm of the hand, leaving the fingers free to pass sutures or ligatures without dropping the scissors.

Instruments for General Surgery—*continued.*



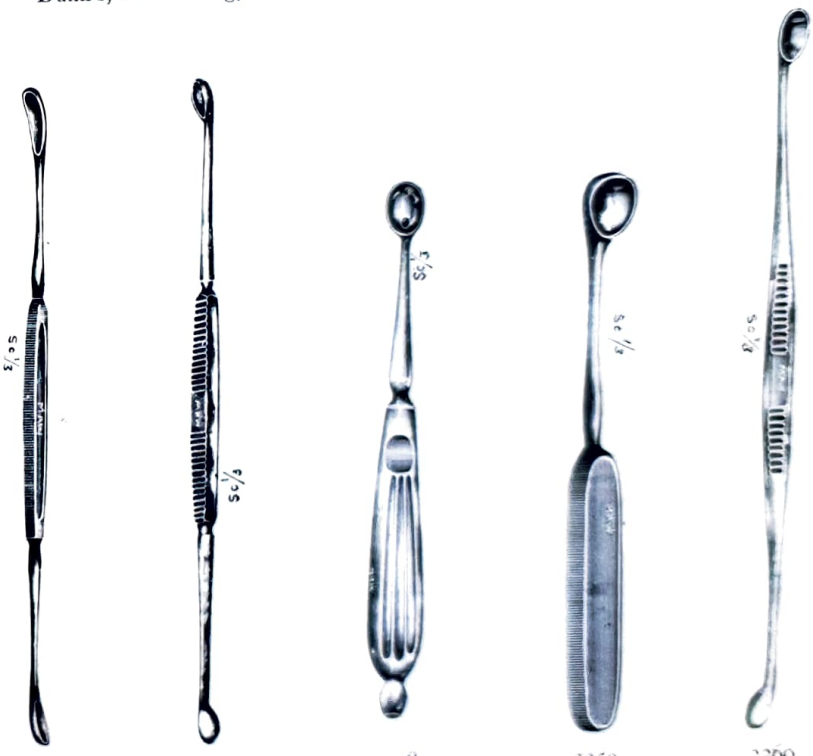
3353

No.	**Scoops, Scrapers, etc.**—	£	*s.*	*d.*
3353	Barker's, hollow, for flushing, set of 4, consisting of one blunt, $\frac{5}{16}$ in., and three sharp, namely, $\frac{1}{2}$ in., $\frac{7}{16}$ in., and $\frac{5}{16}$ in., fitting one handle... ...	2	0	0



3354

3354	Dunn's, for flushing, with adjustable handle, 3 sizes ... ... each	0	17	6



3355 3357 3358 3359 3360

3355	Durham's	0	8	6
3356	Heath's (Charles), double, with flat fluted shaft, 2 sizes, 6 in. and 6½ in., each	0	7	6
3357	Lister's	0	7	0
3358	Middlesex Hospital pattern, for flushing	0	10	0
3359	"Mustard Spoon" pattern, for tubercular joints, etc., 3 sizes, each 10/6, 11/6, and	0	12	6
3360	Stanley Boyd's, 3 sizes, with plain shaft ... 5 in., 5/6, 7 in. 7/6, 9 in.	0	10	6



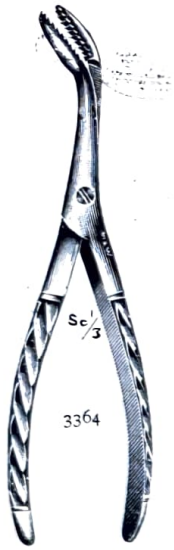
3360a



3361

3360a	Leeds General Infirmary pattern, for tubercular joints, etc.	0	8	6
3361	Volkmann's solid forged, 9 in.	0	6	6
3362	Do. Teale's modification, 3 sizes ... ... each	0	6	6
3363	**Screw Driver**, with metal handle, nickel plated	0	9	0

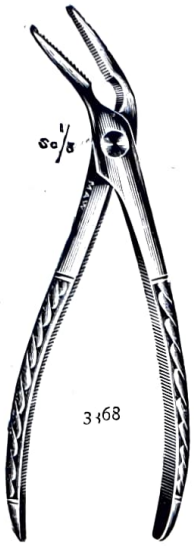
Instruments for General Surgery—*continued.*



3364



3366



3368

No.		*£*	*s.*	*d.*
	Sequestrum Forceps—			
3364	Angular, with screw joint...	0	7	6
3365	Do. disjointing...	0	10	0
3366	Straight, with screw joint	0	7	6
3367	Do. disjointing...	0	10	0
3368	With fine jaws, angular, screw joint	0	6	0
3369	Do. do. disjointing	0	9	6
3370	**Seton Needle,** with skeleton handle	0	3	6
3371	**Seton Tapes,** covered with elastic gum ... ... per doz.	0	3	6

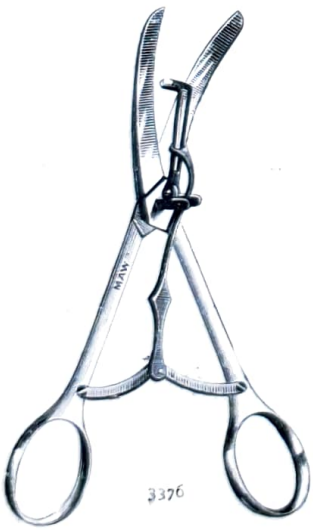


3372

Sinus Forceps—

3372	Lister's, with box joint, 2 sizes	5-in., 3/6 ; 7-in.	0	5	6
3373	Do. disjointing, 2 sizes	5-in., 5/- ; 7-in.	0	7	6


3374

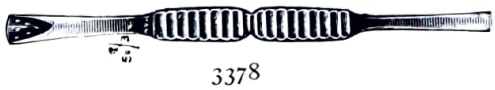


3376


3377

No.		*£*	*s.*	*d.*
3374	**Skin Grafting Razor,** Watson Cheyne's, in case ...	0	10	0
3375	**Do.** do. with folding handle	0	6	0
3376	**Skin Grafting Scissors,** in case	1	8	0

No.	**Instruments for General Surgery**—*continued.*	£	s.	d.
3377	**Skull Chisel,** Lane's, V-shape, "the Parting Tool"	0	8	6



3378



3379

Skull Elevators—

3378	Double ended, fluted	0	2	9
3379	Victor Horsley's	0	5	0



3380



3382

Skull and Gouge Forceps—

3380	Deane's	0	18	0
3381	Do. as modified by St. Clair Thomson	1	1	0
3382	Fergusson's	0	11	6



3383



3384

3383	Heath's (Charles)	0	14	0
3384	Hoffman's "Rongeur"	0	15	0

Instruments for General Surgery—*continued.*



3385

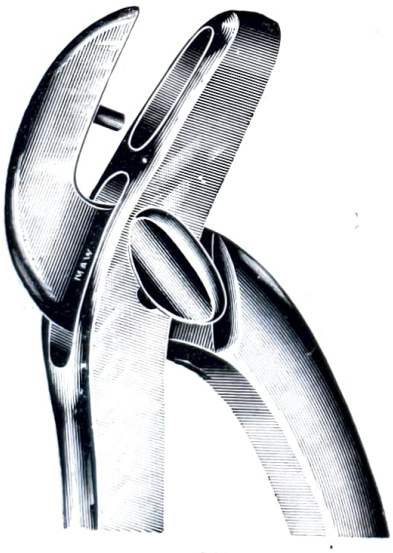


3386

No.	**Skull and Gouge Forceps**—*continued.*	*£ s. d.*
3385	Keene's "Rongeur"	0 18 0
3386	Keene's modification of Hoffman's	0 16 0



3387



3388

3387	Lane's "Sandbill" or "Fulcrum" pattern	0 17 6
3388	Macewen's, with curved handles to take apart	0 19 6



3389

3389	Walsham's	0 17 6

Instruments for General Surgery—*continued.*



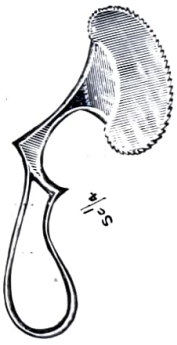
3390



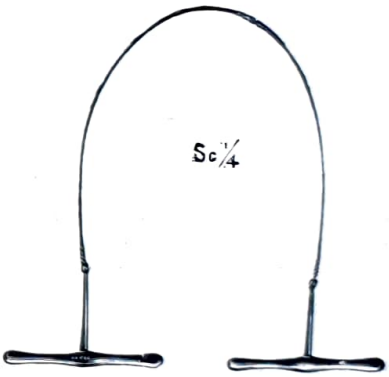
3391

Skull and Gouge Forceps—*continued.*

No.		£	*s.*	*d.*
3390	Victor Horsley's Nibbling	0	13	0
3391	Do. do. with fine jaws, and finger rests on handle... ...	0	13	6



3392



3393



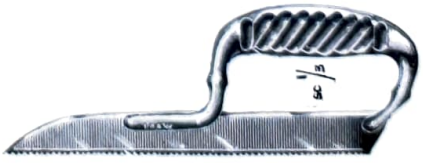
3395



3394

Skull Saws—

3392	American pattern	0	8	0
3393	Gigli's, used also for Subcutaneous Osteotomy, consisting of 3 saws, 30 c/m, 50 c/m and 75 c/m, and pair of handles, in leather case	0	8	6
3394	Director and whalebone guide, for use with above	0	7	6
3395	Hey's, solid forged...	0	6	0



3396



3397

3396	Annandale's, with handle on back	0	15	0
3397	Victor Horsley's	0	14	0

Instruments for General Surgery—*continued.*



3399

No.		£	*s.*	*d.*
	Suture Forceps—			
3398	Clover's, fluted	0	3	0
3399	"Excelsior," for metallic sutures	0	3	6
3400	Extra metallic sutures for do. ... ... per 100	0	3	6

In the above illustration the metallic suture is shown between the jaws of the forceps, ready for application.



3401

3401 **Tenaculum,** solid forged 0 3 0



A



B C D E F

3402

3402 **Tenotomy Knives,** with fluted metal handles, 6 patterns, A, B, C, D, E, F, each 0 4 9

3403	Do.	do.	do.	do.	set of 6, in metal case...	...	1	16 6
3404	Do.	do.	Parker's, with plain metal handles			each	0	3 6
3405	Do.	do.	do.	set of 4, in metal case		...	1	0 0



3406



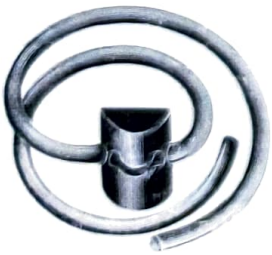
3407



3408

Tourniquets—

3406	Esmarch's, india-rubber, with hook, chain and bandage, complete in black japanned tin box	0	15	0
3407	Esmarch's, india-rubber, with hook and chain only	0	5	6
3408	Field	0	2	6



3409



3412

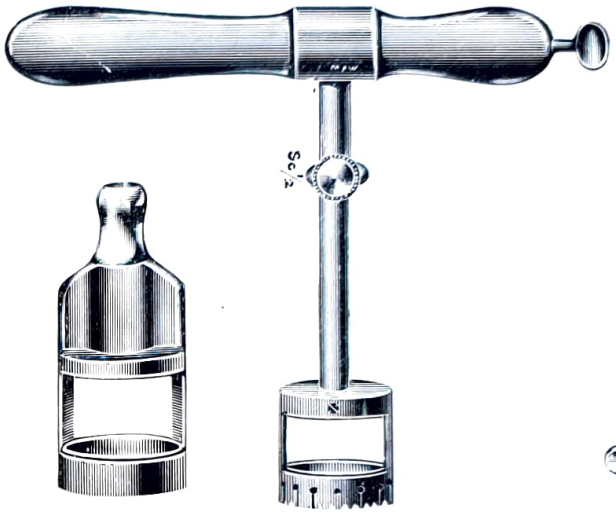


3413

3409	Foulis's, india-rubber, with vulcanite block	0	2	6
3410	Do. do. extra large, with boxwood block	0	3	0
3411	Do. do. with Esmarch's band	0	8	6

Instruments for General Surgery—*continued.*

No.	**Tourniquets**—*continued.*	£	*s.*	*d.*
3412	Lister's, abdominal	0	17	6
3413	Screw (Petit's), Army pattern	0	6	6



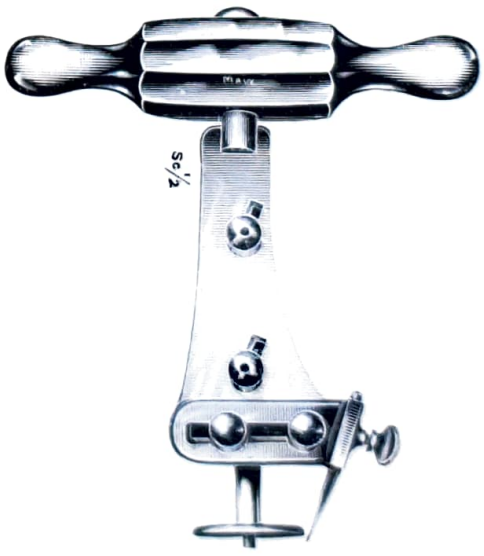
3414



3416

Trephines, with metal handles—

3414	Falla's, with adjustable guard to regulate the depth of the cut, 4 sizes, ½ in., 13/6 ; ⅝ in., 14/6 ; ¾ in., 15/6, and 1 in., each	0	16	6
3415	Do. set of 4, fitting one handle, in aseptic metal case	2	10	0
3416	Horsley's, aseptic, 7 sizes, ¼ in., ½ in., ¾ in. and 1 in., 16/6 ; 1¼ in., 20/– ; 1½ in., 22/6 ; 2 in.	1	5	0
3417	Do. set of 4 (½ in., ¾ in., 1 in. and 1¼ in.), fitting one handle, in aseptic metal case	4	7	6
3418	Lockwood's, with dome top 3 sizes, ½ in., ¾ in. and 1 in.	0	15	0



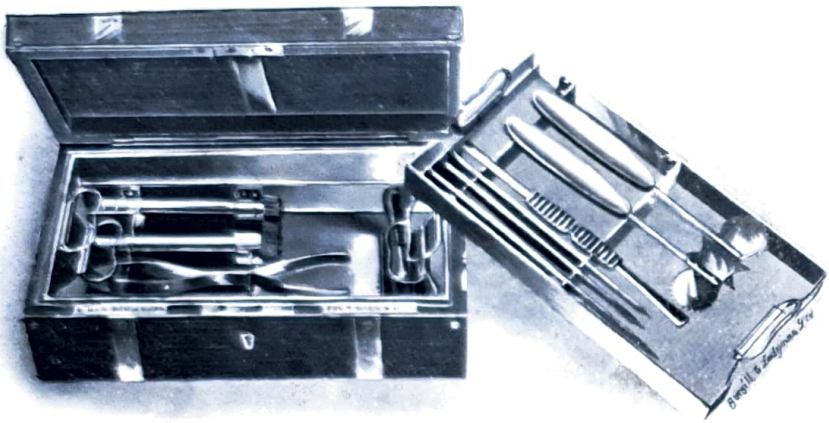
3419



3420

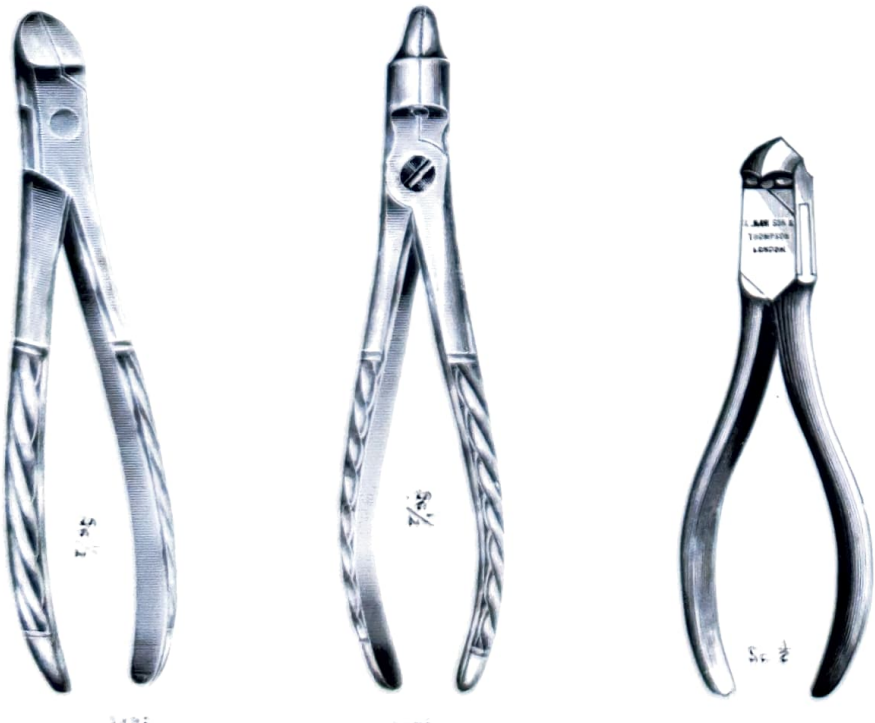
3419	MAW's (registered) for cutting out a cone-shaped piece of bone of varying size from ⅝ in. to 1⅛ in.	1	15	0
3420	Walsham's, with crutch handle, 7 sizes, ¼ in., ½ in., ¾ in. and 1 in., 18/9 ; 1¼ in., 22/– ; 1½ in., 25/– ; 2 in.	1	8	0
3421	Do. set of 4 (½ in., ¾ in., 1 in., and 1¼ in.), fitting one handle, in aseptic metal case	5	0	0

No.	**Instruments for General Surgery**—*continued.*	£	s.	d.
3422	**Trephine Brush,** for cleaning Trephines	0	0	9
3423	**Trephining Set,** consisting of—			
	Horsley Aseptic Trephines ... 4			
	Handle for do. ... 1			
	Hey's Skull Saw (No. 3395) ... 1			
	Horsley's Elevator (No. 3299)... 1			
	Keene's Skull Forceps (No. 3386) 1			
	Probe, silver 1			
	Scalpel, solid forged 1			
	Do. with raspatory (No. 3155) 1			
	In brass bound oak case	5	5	0



3424

3424	**Trephining Set,** for Medical Officers of Ships in His Majesty's Navy, consisting of—			
	Elevator, double 1			
	Forceps, Skull 1			
	Lenticular, aseptic 1			
	Saws, Hey's, aseptic 2			
	Scalpels, aseptic 2			
	Do. tang, aseptic 1			
	Trephine, large, aseptic 1			
	Do. small, aseptic 1			
	In brass bound oak case, with nickel plated frame and tray	6	6	0



3425 3426 3427

Wire or Pin Nippers—

3425	Angle on flat, with fluted handles	0	7	6
3426	Straight, combined with pin holder	0	7	6
3427	Cutter's, with plain handles	0	7	6

SUNDRY ARTICLES FOR USE IN GENERAL SURGERY.



3428



3429

No.	**Aprons**—		*£ s. d.*
3428	With collar protector	linen, 6/-; batiste, 7/6; mackintosh	0 11 6
3429	Kellock's, with sleeves...	,, 7/6; ,, 8/-; ,,	0 13 6



3430

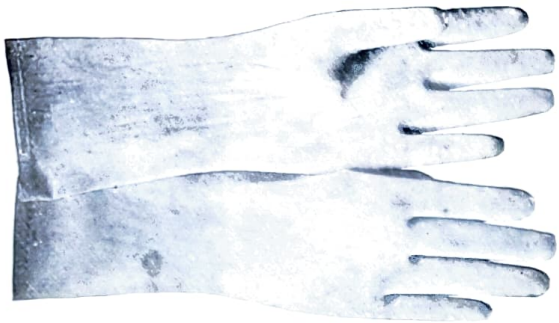


3434

3430	Ordinary pattern	linen, 4/6; batiste, 7/-; mackintosh	0 9 6
3431	Do. do. india-rubber		0 13 6
	Coats—		
3434	With sleeves	white drill, 3/6; mackintosh	1 7 0

When ordering state height and circumference of chest.

Sundry Articles for use in General Surgery—*continued.*



3435



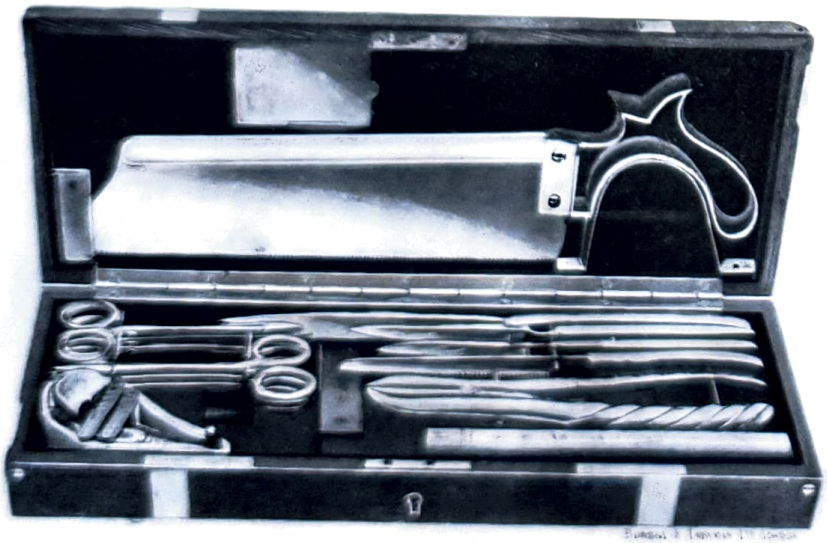
No.	**Gloves**—	3435	*£*	*s.*	*d.*
3433	India-rubber, thin, with "velvet" surface, sizes 6-9	per pair	0	2	9
3434	Do. stout, white, grey, black or tan, sizes 6–9	,,	0	3	6
3435	Do. short, thin, sizes 6–9	,,	0	2	6
3436	Thread, Lynn Thomas's, size 8	,,	0	2	0
3437	**Jacket for Dressers**, white drill		0	6	6



3438

	Sleeves—				
3438	India-rubber, with "velvet" surface, 16 in. long	per pair	0	2	6
3439	Linen	,,	0	2	6
3439a	Mackintosh	,,	0	5	0

SETS OF INSTRUMENTS AND OUTFITS FOR GENERAL SURGERY, ETC.



3440 **Set for Amputations**, consisting of

Amputation Knife, Liston's, 7 in.	1	Metacarpal Saw	1
Amputation Saw, with blade	1	Needles in metal case	2
Artery Forceps, Spencer Wells's	1	Screw Tourniquet	1
Bone Forceps, Liston's, 7 in.	1	Sterilised Silk in glass tube, enclosed in	
Bread Knife	1	metal metal case	1
		Spencer's Amputation Knife	1

(a) Instruments fitted into brass locks and wood blocks in polished oak case, with lock and key and hooks at either end, enclosed in waterproof canvas cover ... £ 10 0

(b) Instruments fitted into lift-out metal frames in metal tinned tray which can be used for sterilising purposes, and the whole contained in a brass bound mahogany case, polished inside and out, with lock and key, and brass hooks at either end, enclosed in waterproof canvas cover ... 7 7 0

Sets of Instruments and Outfits for General Surgery—*continued.*



No.

3441 **Set for Amputations,** consisting of—

Amputation Knife, Liston's, 6 in. ...	1	Metacarpal Saw	1
Do. do. do. 7 in. ...	1	Needles, in metal case	6
Amputation Saw, wide blade	1	Resection Saw	1
Artery Forceps, Spencer Wells's ...	6	Sterilised Silk in glass tube, enclosed in outer metal case	1
Bone Forceps, Liston's	1	Symes's Ankle Knife	1
Breast Knife	1		
Esmarch's Tourniquet	1		

		£ s. d.
(*a*)	Instruments fitted into brass racks and wood blocks in brass bound oak case, polished inside and out, with lock and key and brass hook at either end, enclosed in waterproof canvas cover	8 10 0
(*b*)	Instruments fitted into lift-out metal frames in a metal inner tray, which can be used for sterilising purposes, and the whole contained in a brass bound mahogany case, polished inside and out, with lock and key, and brass hooks at either end, enclosed in a waterproof canvas cover	11 0 0



3442 **Army Regulation Case of Operation Instruments,** consisting of—

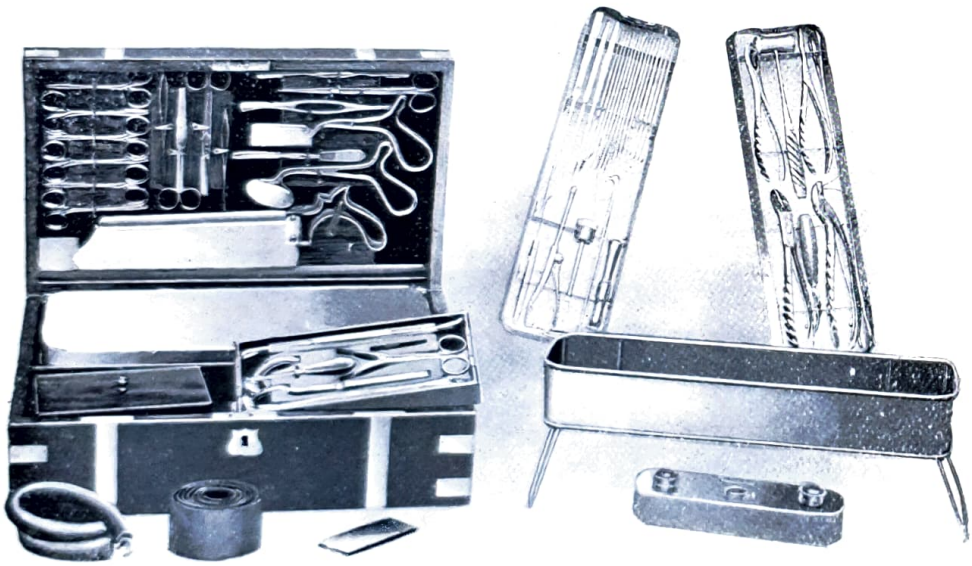
Bistoury, straight, blunt	1	Catheters, ebony, solid end, Nos. 1, 3, 4, 7, 9 and 14	6
Do. do. sharp	1	Do. silver, Nos. 3 and 5	2
Do. curved, blunt	1	Do. nickel plated, No. 3	1
Do. do. sharp	1	Director, Hernia	1
Do. Hernia	1	Do. silver, 5 in., with spoon end ...	1
Canula, Exploratory, Reid's, silver	1	Do. steel, 5 in.	1

Sets of Instruments and Outfits for General Surgery—*continued.*

3442 Contents of Army Regulation Case—*continued.*

Elevator, double	... ...		1
Forceps, Artery, fenestrated	... ...		1
Do. do. Spencer Wells's	... ...		16
Do. Bone ...	... ...		1
Do. Bullet	... ...		1
Do. Dissecting, large	... ...		2
Do. "Lion"	... ...		1
Knife, Amputation, 6 in.	... ...		1
Do. do. Symes's	... ...		1
Needle, Aneurism	... ...		1
Do. Liston's	... ...		1
Needles, Hagedorn's, assorted	... ...		12
Do. Surgeon's	... ...		12
Needle Holder...	... ...		1
Probang, double	... ...		1
Probes, silver, 10, 8, 6 and 5 in.	... ...		4
Pliers, for cutting wire	... ...		1
Retractors, double	... .		2
Saw, movable back	... ...		1
Do. Amputation	... ...		1
Scalpels, 4 in. and 3 in.	... ...		2
Do. ordinary	... ...		3
Do. tang	... ...		1
Scissors, curved on flat	... ...		1
Do. straight	... ...		1
Scoop, double, Volckman's	... ...		1
Silk, patent plaited	... ...	hank	1
Tourniquet, screw	... ...		1
Trocar and Canula, Pearse's	... ...		1
Do. do. hydrocele	... ...		1
Trephine, metal handle	... ...		1
Wire, silver, for sutures	... ...	reel	1
List of Contents	... ...		1

		£	s.	d.
(*a*)	Instruments fitted into brass bound mahogany case, velvet lined, with lift-out tray, lock and key, and brass hooks at either end, enclosed in waterproof canvas cover...	21	10	0
(*b*)	Instruments fitted into lift-out metal frames in a metal inner tray, which can be used for sterilising purposes, and the whole contained in a brass-bound mahogany case, polished inside and out, with lock and key, and brass hooks at either end, enclosed in waterproof canvas cover ...	28	0	0
	Metal Sterilising Trays, to fit over the outside of the case, extra ... ... per pair	0	3	0



3443

3443 Set of Instruments for General Surgery, consisting of—

Amputation Knife, 6 in.	... ...		1
Do. Saw, wide blade	... ...		1
Aneurism Needle	... ...		1
Artery Forceps, Spencer Wells's	... ...		12
Bistoury, curved, blunt	... ...		1
Do. do. sharp	... ...		1
Do. straight, blunt	... ...		1
Bone Forceps, Liston's, curved on flat	...		1
Breast Knife	... ...		1
Chisel, with fluted handle	... ...		1
Director, Fistula, steel	... ...		1
Dissector, Durham's, fine, with raspatory			1
Do. Watson Cheyne's, with probe			1
Dissecting Forceps	... ...		1
Finger Knife	... ...		1
Do. Saw	... ...		1
Gland Enucleator	... ...		1
Do. Forceps, 6 in.	... ...		1
Gouge, Guy's pattern	... ...		1
Hammer, steel	... ...		1
Hernia Director, Key's	... ...		1
Hernia Knife	... ...		1
Do. Needles, Lockwood's	... ...		2
Hook, sharp	... ...		1
"Lion" Forceps, Fergusson's	... ...		1
Nævus Needle, Liston's	... ...		1
Needle Holder, Hagedorn's	... ...		1
Needles, Hagedorn's	... ...		12
Do. ordinary pattern	... ...		12
Needle in Handle, Cullingworth's	... ...		1
Probes, silver, 6 and 8 in.	... ...		2
Resection Saw, Wood's	... ...		1
Retractors, double	... ...		2
Scalpels	... ...		3
Scissors, straight, round pointed, 6 in.	...		1
Do. curved, do. 6 in.	...		1
Scoop, double	... ...		1
Sequestrum Forceps, straight	... ...		1
Sinus Forceps, Lister's	... ...		1
Silk, sterilised, in glass tube	... ...		1
Skull Elevator, Horsley's	... ...		1

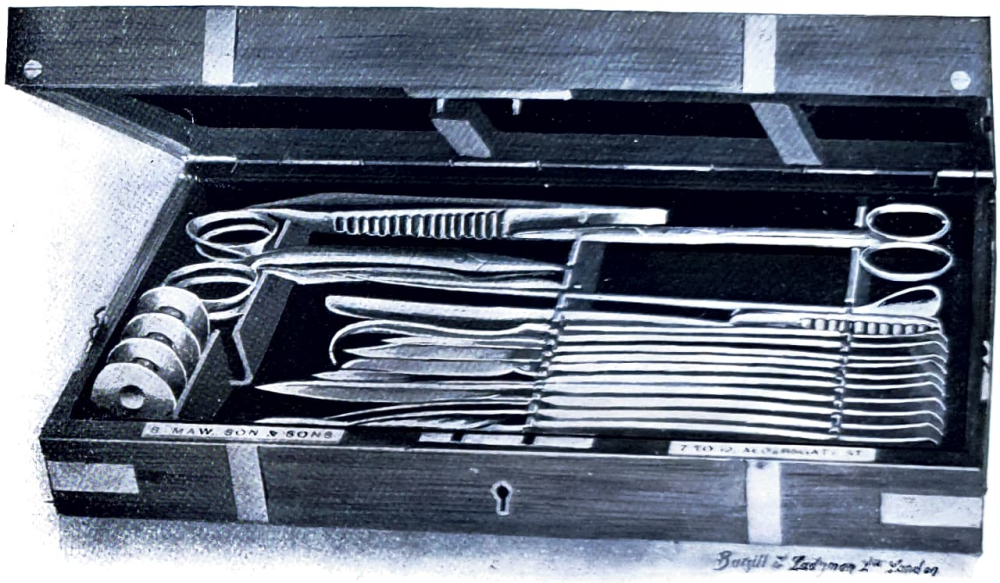
Sets of Instruments and Outfits for General Surgery—*continued.*

Contents of No. 3443—*continued.*

Skull Forceps, Keene's	... ...	1	Tracheotomy Tubes, silver, bivalve ... 2
Do. Saw, Horsley's ..	... ...	1	Trephine, Horsley's ¾ inch 1
Symes's Ankle Knife...	... ...	1	Do. Brush 1
Tenotomy Knives ...	... ...	4	Trocar, Hydrocele 1
Tourniquet, Esmarch's	... ...	1	Steriliser, 16 in., with deep lid for use as tray 1
Trachea Dilator ...	... ...	1	Lamp for do. 1

3443 Instruments fitted into lift-out metal frames and wood blocks. The metal frames fit into the steriliser, and the whole is contained in a brass bound oak case, polished inside and out, with lock and key, and brass hooks at either end, enclosed in waterproof canvas cover ... ... £ 30 s. 5 d. 6

Dimensions, 18⅜ in. by 10⅜ in. by 5¾ in.



3444

3444 **Set of Instruments for Minor Surgery**, consisting of—

Aneurism Needle ...	 1	Hernia Knife ...	 1
Artery Forceps, Spencer Wells's	 2	Nævus Needle, Liston's	 1
Bistoury, curved, sharp	 1	Needles, in metal case...	 6
Do. do. probe	 1	Paget's Abscess Knife...	 1
Director, steel ...	 1	Scalpels ...	 3
Dissecting Forceps	 1	Scissors ...	 1
Finger Knife ...	 1	Silk, on metal reel	 1
Hernia Director, Key's	 1		

(*a*) Instruments fitted into brass racks and wood blocks, in polished brass bound oak case, with lock and key (as illustrated), enclosed in waterproof canvas cover 4 7 6

(*b*) Instruments fitted into lift-out metal frames in a metal inner tray, which can be used for sterilising purposes, and the whole contained in a brass-bound mahogany case, with lock and key, enclosed in waterproof canvas cover 6 10 0

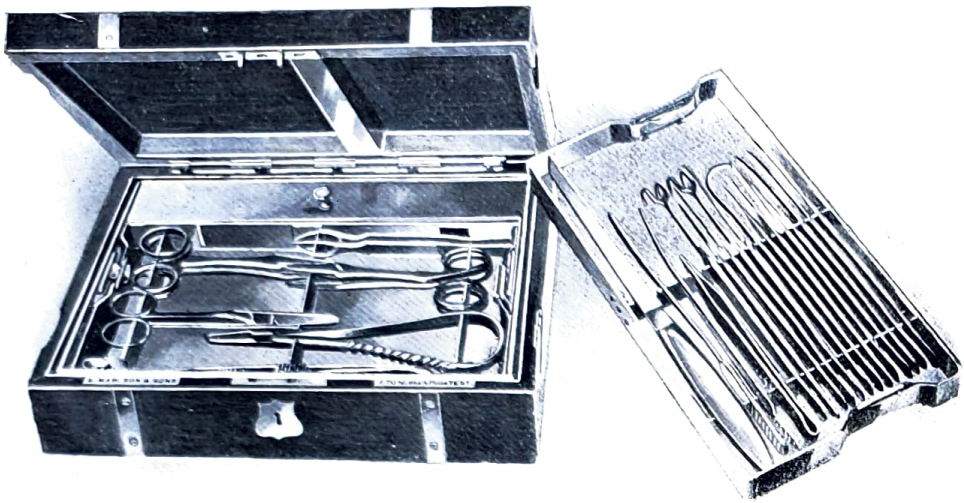
3445 **Set of Instruments for Minor Surgery**, consisting of—

Aneurism Needle ...	 1	Hernia Knife ...	 1
Artery Forceps, Spencer Wells's	 3	Nævus Needle, Liston's	 1
Bistoury, curved, sharp	 1	Needles, assorted, in metal case	 12
Do. do. probe	 1	Needle Holder ...	 1
Director, steel ...	 1	Paget's Abscess Knife...	 1
Dissecting Forceps	 1	Retractors, double hook	 2
Finger Knife ...	 1	Scalpels ...	 3
,, Saw ...	 1	Scissors ...	 1
Hernia Director	 1	Silk, on metal reel	 1

(*a*) Instruments fitted into brass racks and wood blocks, in polished brass bound oak case, with lock and key, enclosed in waterproof canvas cover 6 10 0

(*b*) Instruments fitted into lift-out metal frames in a metal inner tray, which can be used for sterilising purposes, and the whole contained in a brass bound mahogany case, with lock and key, enclosed in waterproof canvas cover 8 8 0

Sets of Instruments and Outfits for General Surgery—*continued.*

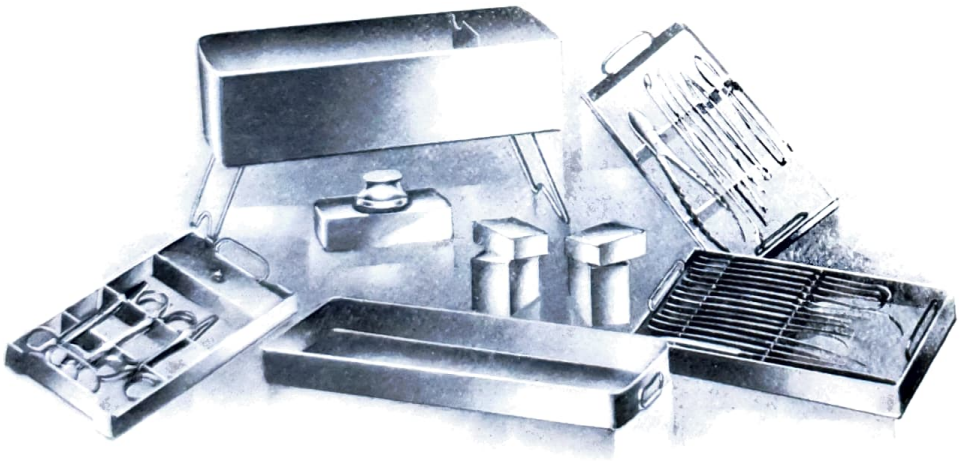


3446

No.
3446 **Set of Instruments for Minor Surgery,** consisting of—

Aneurism Needle	1	Nævus Needle, Liston's	1
Artery Forceps, Spencer Wells's	4	Needles, assorted, in metal case	12
Do. do. fenestrated	1	Needle Holder, MacPhail's	1
Bistoury, curved, sharp	1	Paget's Abscess Knife	1
Do. do. probe	1	Retractors, double hook	2
Director, steel...	1	Scalpels	3
Dissecting Forceps	1	Scissors	1
Finger Knife	1	Scoop, double	1
Finger Saw	1	Tenotomy Knife	1
Hernia Director	1	Silk, on metal reel	1
Do. Knife	1		

		£ s. d.
(*a*)	Instruments fitted into brass racks and wood blocks, in polished brass bound oak case, with lock and key, and brass hooks at either end, enclosed in waterproof canvas cover	7 15 0
(*b*)	Instruments fitted into lift-out metal frames in a metal inner tray (as illustrated), which can be used for sterilising purposes, and the whole contained in a brass bound mahogany case, with lock and key, and brass hooks at either end, enclosed in waterproof canvas cover	9 9 0



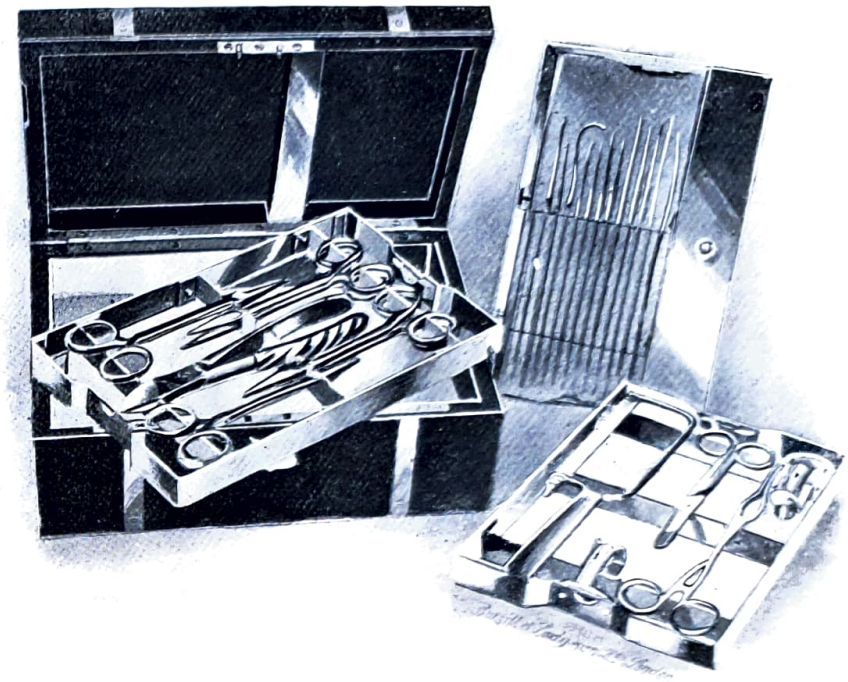
3447

3447 **Set of Instruments for Minor Surgery,** consisting of—

Aneurism Needle	1	Gland Enucleator	1
Artery Forceps, Spencer Wells's, aseptic ...	4	Hooks, blunt	2
Do. do. fenestrated, long end ...	1	Do. sharp	1
Bone Forceps, aseptic, 6 in.	1	Nævus Needle, Liston's	1
Bistoury, curved, sharp	1	Needles, in metal case	12
Director, steel	1	Scalpels	2
Dissecting Forceps, long end	1	Scissors, aseptic, 5 in.	1
Finger Knife	1	Scoop, Stanley Boyd's, 6 in.	1
Finger Saw	1	Silk, on metal reel	1
Hernia Director	1	Symes's Abscess Knife	1
Do. Knife	1	Metal Cases for soda and soloids	2

Instruments fitted into lift-out metal frames contained in a nickel-plated steriliser, with lamp and deep lid which can be used as a tray, and the whole apparatus enclosed in a waterproof canvas cover 10 0 0

Sets of Instruments and Outfits for General Surgery—*continued.*



3448

3448 **Set of Instruments for Minor Operations for Medical Officers of Ships in His Majesty's Navy,** consisting of—

Bistoury, curved, probe	1	Hook, sharp	1
Do. do. sharp	1	Knife, Tenotomy	1
Do. Hernia	1	Needle, Aneurism	1
Do. straight, sharp	1	Probe, silver	1
Do. do. do. 4 in. blade ...	1	Saw, Metacarpal	1
Director, Hernia, Key's	1	Scalpel, double edged	1
Do. plated metal	2	Do. ordinary	3
Do. Canaliculus	1	Silk, ligature ... ... oz.	1
Forceps, Bone, small aseptic	1	Scissors, straight, aseptic	1
Do. Pressure, Spencer Wells's, aseptic	6	Tracheotomy Tubes, silver plated, double,	
Do. Tongue, aseptic	1	two sizes	2

Instruments fitted into lift-out metal frames in a metal inner tray, which can be used for sterilising purposes, and the whole contained in a brass bound mahogany case, with lock and key, enclosed in waterproof canvas cover... ... ... £ 10 10 0

3449 **Outfit as required by the Board of Trade Regulations for Surgeons on board Passenger and Emigrant Ships,** consisting of—

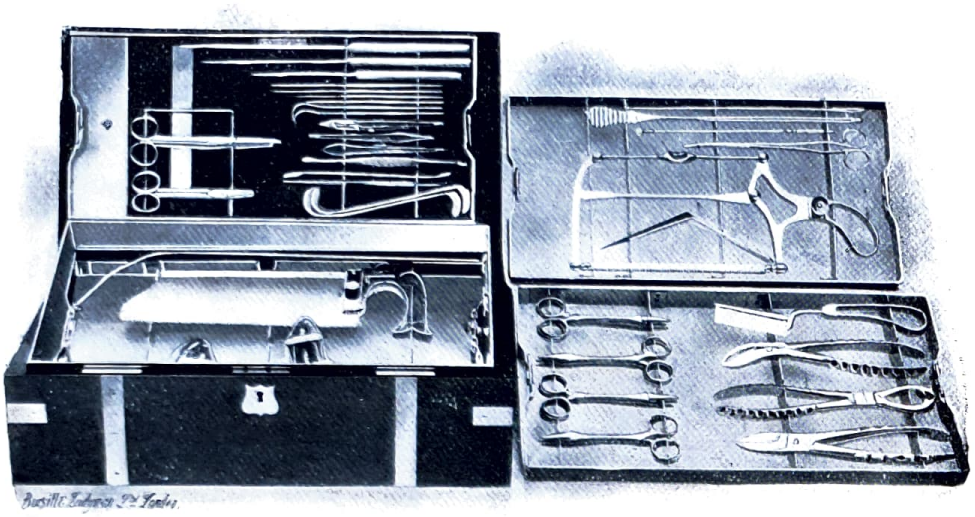
(1) Operation Case, containing—

Fergusson's Small Saw	1	Trephine Brush...	1
Amputation Saw	1	Eye Spud	1
Do. Knife, 5 in. and 6 in.... ...	2	Scalpels	2
Artery Forceps, Wells's	2	Hernia Knife	1
Dissecting Forceps	1	Do. Director	1
Bone Forceps, curved	1	Trocar, Abdomen	1
Trephine, ¾ in.	1	Do. Hydrocele	1
Elevator	1	Aneurism Needle	1

In polished mahogany case ... ... £ 7 5 0

	£	s.	d.		£	s.	d.
(2) Pocket Case (No. 3530, *page* 55) ...	1	4	0	(9) Silver Catheters, Nos. 4, 8 and 12 (prostatic)	1	2	0
(3) Pouch, containing 7 pairs of Tooth Forceps	1	15	0	(10) Catheters, elastic gum, olivary, 1 set ...	0	10	0
(4) Tracheotomy Case, containing 3 double tubes and tracheal dilator	1	5	0	(11) Clinical Thermometers, patent (2) each	0	1	4
(5) Midwifery Forceps, in pouch	0	18	6	(12) Stethoscope	0	1	0
(6) Esmarch's Tourniquet, with hooks ...	0	4	0	(13) Drainage Tubing, No. 10, 1 ft.	0	0	3
(7) Œsophageal Probang, with bristles ...	0	2	0	(14) Silkworm Gut Ligature, 10 in.... per hank	0	1	6
(8) Aspirator, with 2 needles in case ...	0	10	0	(15) Hypodermic Syringe in case, with space for 3 tubes of tablets	0	4	0

Sets of Instruments and Outfits for General Surgery—*continued.*



345 **Amputation Case for Medical Officers of Ships in His Majesty's Navy,** consisting of—

Bullet Forceps, aseptic	1	Needles, Suture, plated, ½-curved for wire...	6
Do. Probe, Nelaton's, 8 in.	1	Probang, with coin catcher	1
Do. do. plated, 10 in.	1	Retractors, plain metal, 1 in.	2
Forceps, "Lion," aseptic	1	Saw, Amputation, large, aseptic	1
Do. curved to left, aseptic	1	Do. Butcher's with 2 spare blades, aseptic	1
Do large, aseptic	1	Do. Wood's, aseptic	1
Do. Spencer Wells's pressure, aseptic	12	Scalpels, aseptic	2
Do. Spring, aseptic	1	Scissors, curved on flat, 5 in., aseptic ...	1
Do. Torsion, Bryant's, aseptic ...	1	Do. straight, strong, 6 in., aseptic ...	1
Do. Luer's, aseptic	1	Silk, Suture ... ... oz.	2
Knife, Amputation, 9 in., aseptic	1	Tenacula, aseptic	2
Do. do. 6 in., aseptic	1	Tourniquet, screw, Petit's	2
Do. do. Symes's, joint	1	Volckmann's Spoons, double, aseptic ...	2
Knives, Finger, aseptic	2	Wheelhouse's staff	1
Needles, Suture, plated, curved	6	Do. Gorget	1
Do. do. do. ½-curved	6	Do. Director	1
Do. do. do. straight	6		

Instruments fitted into lift-out metal frames in a metal inner tray, which can be used for sterilising purposes, and the whole contained in a brass bound oak case, polished inside and out, with lock and key, and brass hooks at either end **24 5 0**

Waterproof canvas cover, with straps and handle for ditto... ... ... extra **0 10 6**

3451 **Outfit for Surgeons in the Peninsular and Oriental Steam Navigation Company's Service—**

(1) Case of Amputating Instruments, containing—

Amputation Knives, 5 in., 6 in., and 8 in.	3	Elastic Tourniquet (Esmarch's)	1
Saw, wide blade	1	Trephine, Horsley's, with brush	1
Bone Forceps, Liston's, 8 in.	1	Elevator (No. 3378)	1

Instruments fitted into brass bound mahogany case, with lock and key **5 0 0**

(2) Set of Tooth Forceps, in leather pouch, consisting of—

Straight... ... ... pr.	1	Left Upper Molar ... ... pr.	1
Upper Bayonets ... ... ,,	1	Upper Wisdom ... ... ,,	1
Lower Hawksbill Molar ... ... ,,	1	Gum Lancet	1
Right Upper Molar ... ... ,,	1		

2 8 0

(3) Dressing Case, leather, containing—

Dissecting Forceps	1	Curved Bistoury	1
Dressing Forceps	1	Scissors	1
Artery Forceps	1	Surgical Needles	12
Director...	1	Caustic Case	1
Probes	2	Horsehair for Sutures... ... ... hank	1
Trocar and Canula	1	Silk for Ligatures	1

2 3 6

Sets of Instruments and Outfits for General Surgery—*continued.*

No. 3451 **Outfit for Surgeons in the P. and O. Co.'s Service—*continued.***

(4) Case of Instruments for Minor Surgery, containing--

Sinus Forceps 1	Aneurism Needle, solid forged 1
Spencer Wells's Forceps 4	Trachea Dilator 1
Blunt Hooks, solid forged 2	Tracheotomy Tubes 2
Scalpels, solid forged 2	Probang (bristle) 1
Small Saw... 1	Silkworm Gut ... ... hank 1
Straight, Blunt-pointed Bistoury, solid forged 1	Lancets 2
Curved do. do. do. do. 1	Eye Spud 1

Instruments fitted into brass racks and wood blocks, in polished mahogany case ... ... £ 5 5 0

(5) Midwifery Forceps, Craniotomy Forceps (Churchill's) and Perforator (Denman's), in leather pouch ... ... £ 2 3 6

(6) French Bougies, Nos. 8, 15 and 20 ... ... £ 0 3 9

(7) Tongue Depressor, Mouth Gag and Tongue Forceps ... ... £ 1 17 0

(8) Hypodermic Syringe ... ... £ 0 2 6

(9) Clinical Thermometer and Stethoscope ... ... £ 0 3 4

3452 **Outfit for Surgeons in the Royal Mail Steam Packet Company's Service—**

(1)*Operation Case, containing—

Amputation Saw 1	Scalpels 2
Liston's Flap Knife, 6 in. 1	Tang Scalpel 1
Circular Knife... 1	Trocars 2
Catlin 1	Aneurism Needle 1
Liston's Bone Forceps 1	Hernia Director 1
Finger Saw 1	Hernia Knife 1
Tenacula 2	Tourniquet, Foulis's 1
Spencer Wells's Artery Forceps 2	Bullet Forceps (No. 3095) 1
Trephine 1	Do. Probe, silver, 8 in. 1
Elevator (No. 3379) 1	Tracheotomy Tubes, Fuller's, plated ... 3
Hey's Saw 1	Trachea Dilator 1
Brush 1	Drainage Tube, No. 10 ... ... ft. 1
Bistouries 5	Silkworm Gut ... ... hank 1

Instruments fitted into brass bound mahogany case, polished inside and out, with small tray, and lock and key ... ... £ 12 0 0

(2)*Midwifery instruments, in leather pouch consisting of—

Midwifery Forceps, Anderson's 1	Blunt Hook and Crotchet 1
Lever's Vectis 1	Craniotomy Forceps, Churchill's 1
Perforator, Denman's 1	

£ 3 3 0

(3) Pocket Case, leather, containing—

Spatula, plated 1	Gum Lancet 1
Scissors, straight 1	Suture Needles 12
Dressing Forceps (No. 3482) 1	Hypodermic Syringe, in pencil case ... 1
Abscess Knife 1	Clinical Thermometer... 1
Caustic Case, silver 1	Eye Spud and Scoop... 1
Director, plated 1	Silk, four sizes, on tablet 1
Probe 1	

£ 2 6 6

(4) Splints, MacIntyre's (No. 9543), and Set of Cline's Leg Splints (No. 5922) ... ... £ 1 11 6

(5) Tooth Forceps, 7 pairs in pouch ... ... £ 2 11 0

(6) Aspirator, with 2 needles in case ... ... £ 1 5 6

(7) Catheters, silver, Nos. 4 and 8, and No. 12 (prostatic) ... ... } £ 1 13 10
Do. Gum Elastic, olivary, Nos. 3, 5, 9 and 12 ... ... }

(8) Probang, double (No. 4314) ... ... £ 0 3 0

(9) Enema, india-rubber, arabesque, for hot climates ... ... £ 0 2 6

(10) Stethoscope, cedar ... ... £ 0 2 6

* The articles marked thus * are usually supplied by the Company.

Sets of Instruments and Outfits for General Surgery—*continued.*



		£	s.	d.
3455	**General Operation Bag**, Buck's, with fittings as below	20	0	0

Steriliser, with 2 lamps.
Nest of 6 Bowls, nickel plated.
Dressing Box, nickel plated.
Scalpel Box, nickel plated.
Needle Box, German silver.
Infusion Apparatus in japanned tin case.
Hypodermic Syringe.
Ligature Steriliser, with 3 reels.
Bottles, 4 oz., in metal cases (4).
Do. 2 oz., do. do. (2).
Bottles, with boxwood tops (4).
Bottle of Soloids.
Double Ointment Pot, nickel plated
Box of Safety Pins, nickel plated.
Sponge Bag.

EXTRACT FROM "LANCET," JULY 4th, 1903.—The surgical bag, as shown in the accompanying illustration, I designed with the view of being able to go out at short notice to do any operation in private in a thoroughly aseptic and antiseptic manner. The frame is strongly made, and covered with closely-woven strong brown canvas lined with "selvyt." The dimensions are 30 in. by 20 in. by 9 in. The shape of the bag, that of a dressing case, allows of the whole contents being seen at a glance when the lid is thrown back. The contents are as follows:—1. An instrument steriliser of the ordinary pattern except that I have designed the lid with a flange under which a ring of thick, round, solid india-rubber fits tightly, half its circumference lying in a groove. This lid is also fitted with clasps by which it is clamped down on to the body of the steriliser, which is thus rendered water-tight by the pressure on the rubber. This, to my mind, is a great advantage, as the instruments can be sterilised before leaving home, the superfluous water emptied out, and none of the rest will leak into the bag during transit. The rubber must be removed before applying the burner and replaced afterwards; this is a simple matter, as being made smaller than the circumference of the lid it can be sprung into or out of the groove. 2. An oblong but deeper receptacle, fitted with folding legs and a similar lid in the bottom of which lies a nest of five bowls of nickel plated tin. These are utilised as bowls for lotions &c. Inside the smallest and over the nest of bowls is space for from six to eight towels, flat sponges, &c. The lids of both boilers are designed also for instrument trays. All sponges, bowls, towels, ligatures, instruments, and instrument-trays can thus be readily sterilised. 3. A receptacle for dressings, bandages, aprons, &c. The dressings I use are those supplied by Messrs. Maw, Son and Sons, of 7, Aldersgate Street, London, E.C., sterilised dry and packed in waxed paper. The lid of this vessel can also be used as an instrument tray. These three articles are made of nickel plated copper. The other contents consist of scalpel box, needle case, infusion apparatus, hypodermic syringe, tube and rubber funnel for abdominal or other irrigation, ligature case, and various bottles in metal cases which can be filled to suit individual taste. My own contain chloroform, ether, methylated spirit, pure carbolic acid, adrenalin, strychnine, and sulphide. There are also white-necked bottles for salt, vaseline, tabloids, carrying specimens of a growth, &c. Ample space is left in which to pack rolls of instruments. Clover's crutch, or any of the other numerous etceteras which may be required for individual cases. Great trouble has been taken in the manufacture of this bag by Messrs. Maw, Son & Sons, and I can only say that the workmanship and finish are most excellent and that the whole design has been carried out entirely to my satisfaction.

ARTHUR H. BUCK, F.R.C.S. Edin.,
Assistant Surgeon to the Samaritan Free Hospital, &c.

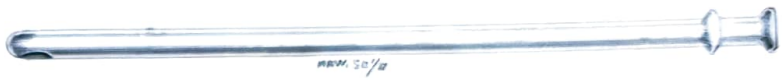


POCKET DRESSING INSTRUMENTS.



3455

No.		£ s. d.
	Artery Forceps *(see pages 3 to 6)*	
	Catheters, Female—	
3455	Elastic Gum, solid end, with stilette	0 0 9
3456	Do. do. with silver stopcock	0 4 6



3457



3458

	Glass, straight, with solid end	0 0 3
3457	Do. Queen Charlotte's Hospital pattern, curved	0 0 3
3458		



3459



3460

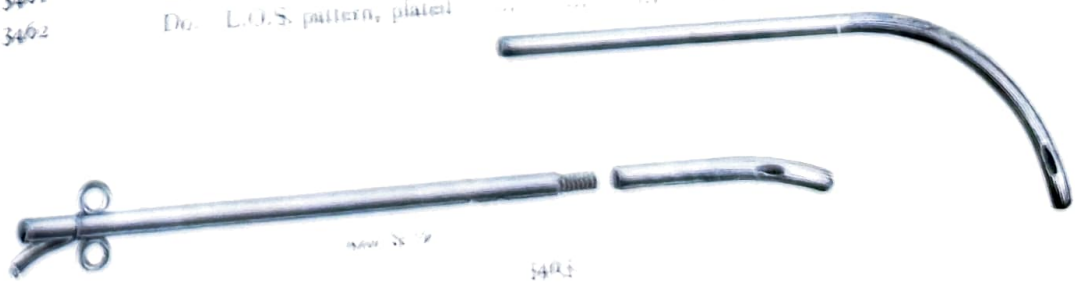


3461



3462

	Metal, with stilette ... ... pl ... 23; silver	0 4 9
3459	Do. sliding ... ... 36; ...	0 5 0
3460	Do. do. with stopcock, silver	0 6 6
3461	Do. L.O.S. pattern, plated	0 1 4
3462		



3463

	Catheter, Male and Female, Gantanel—	0 11 6
3463	silver, with screw jam	0 16 0
3464	Do. Army regulation pattern, with union cap, silver	

Pocket Dressing Instruments—*continued.*



3465



No.		£	s.	d.
3465	**Caustic Cases**— Ebony, with silver gilt quill	0	2	6



3468

	Electro plated, with silver gilt quill	0	3	0
	Do. do. miniature	0	2	9
	Silver, with palladium quill	0	6	6
	Do. do. miniature	0	5	6

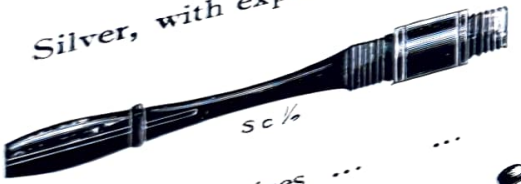


3470

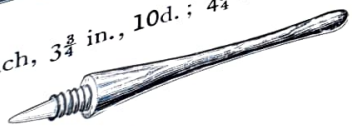
3466 3467 3468 3469	Silver, with exploring trocar, and silver quill	0	15	0

3471

3470	Vulcanite, 3 sizes ... ... each, $3\frac{3}{4}$ in., 10d.; $4\frac{1}{4}$ in., 1/1; $6\frac{1}{2}$ in.	0	1	6







3473





Pocket Dressing Instruments—*continued.*



3479



3480

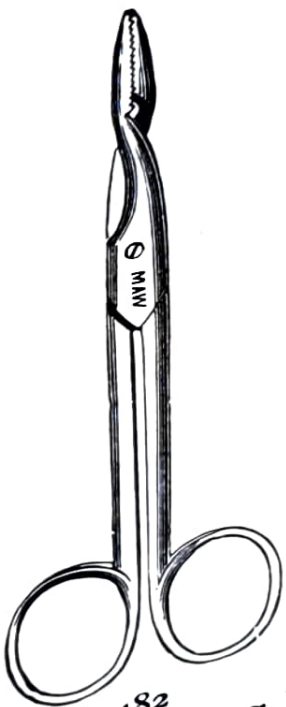


3481

Directors—*continued.*

No.		£	*s.*	*d.*
3479	With aneurism needle, plated	0	1	6
3480	With plain scoop, 4½ or 5 in.	0	1	6
3481	With fenestrated scoop, steel nickel plated ... ... silver, 3/6; plated	0	3	6

(*For other Directors, see page 10.*)



3482



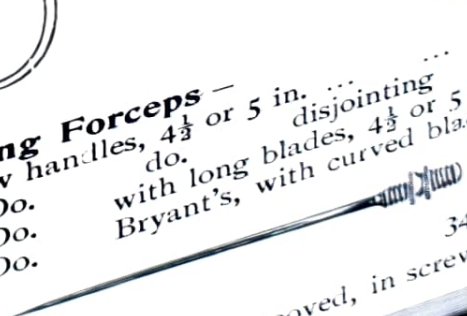
3484



3485

Dressing Forceps—

3482	Bow handles, 4½ or 5 in.	0	3	0
3483	Do. do. disjointing	0	4	6
3484	Do. with long blades, 4½ or 5 in.	0	3	9
3485	Do. Bryant's, with curved blades, 5 in.	0	3	6



3486

Exploring Needle, grooved, in screw metal case 0 2 0



3487

... metal screw caps 0 7 6



3492

Pocket Dressing Instruments—*continued.*

No.		£	*s.*	*d*
	Knives, single, with lock backs, metal scales—			
3488	Bistoury, curved, sharp pointed	0	5	0
3489	Do. do. blunt pointed	0	5	0
3490	Do. straight, sharp pointed	0	5	0
3491	Gum Lancet	0	4	6
3492	Paget's Abscess Knife	0	4	6
3493	Scalpel	0	4	6
3494	Symes's Abscess Knife	0	4	6



3495



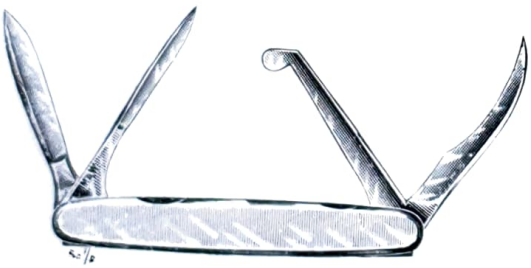
3498

Knives, double, with lock backs, metal scales—

3495	Bistouries, curved, sharp and blunt pointed	0	7	6
3496	Do. do. blunt pointed and finger knife	0	7	6
3497	Paget's Abscess Knife and Scalpel	0	7	6
3498	Paget's and Symes's Abscess Knives	0	7	6
3499	Scalpel and Finger Knife	0	7	6
3500	Symes's Abscess Knife and Gum Lancet	0	7	6
3501	Do. do. and Scalpel	0	7	6



3502



3503

Knives, double, aseptic, to take apart—

3502	Scalpel and Symes's Knife, Army pattern	0	8	6

Knives, four-bladed, with metal scales—

3503	Gum Lancet, Paget's Abscess Knife, Scalpel, and Symes's Abscess Knife ...	0	10	6



Sc ½

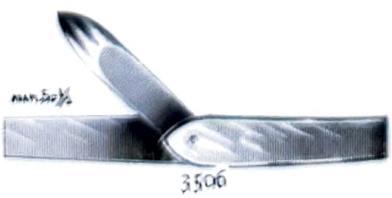


3504

3504	**Knife,** single, aseptic (MAW's registered)	0	6	0



3505



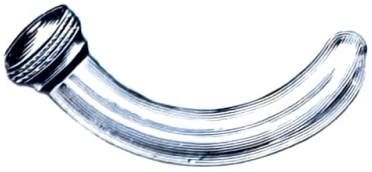
3506

Lancets, with metal scales—

3505	Abscess	0	2	0
3506	Bleeding	0	1	4

Vaccination (*see page 254*).

Pocket Dressing Instruments—*continued.*



3508

No.		*£*	*s.*	*d.*
3507	**Needle Books,** flannel lined ... ... each	0	0	9
3508	**Needle Tubes,** glass with screw cap, straight, half-curved or full-curved ,,	0	0	9



3509



3511

Probes—

3509	Blunt pointed with eye, silver	5 in., 9d. ; 6 in.	0	1	6
3510	Sharp pointed, silver	5 in., 9d. ; 6 in.	0	1	6
3511	Blunt pointed with groove	6 in.	0	2	0



3512

3512	Plated, with handle, 5 in.	0	2	0



3513

3513	Probe, Director and Exploring Needle combined, silver	0	3	0

Scissors (*see pages* 29 *and* 30.)



3514 3515 3516 3517 3518

Scoops—

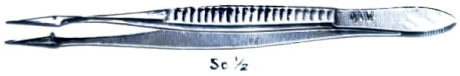
3514	Ear scoop with probe	0	3	0
3515	Double scoop, oval, Stanley Boyd's, 5½in.	0	5	6
3516	Do. round, with fluted shaft	0	4	6
3517	Do. oval, with octagon shaft	0	4	6
3518	Scoop with aspatory	0	4	6

Pocket Dressing Instruments—*continued.*



3520

No.		*£*	*s.*	*d.*
	Spatulæ, Tongue—			
3519	Plated	0	1	6
3520	Silver	0	7	6
3521	White metal	0	1	3



3522

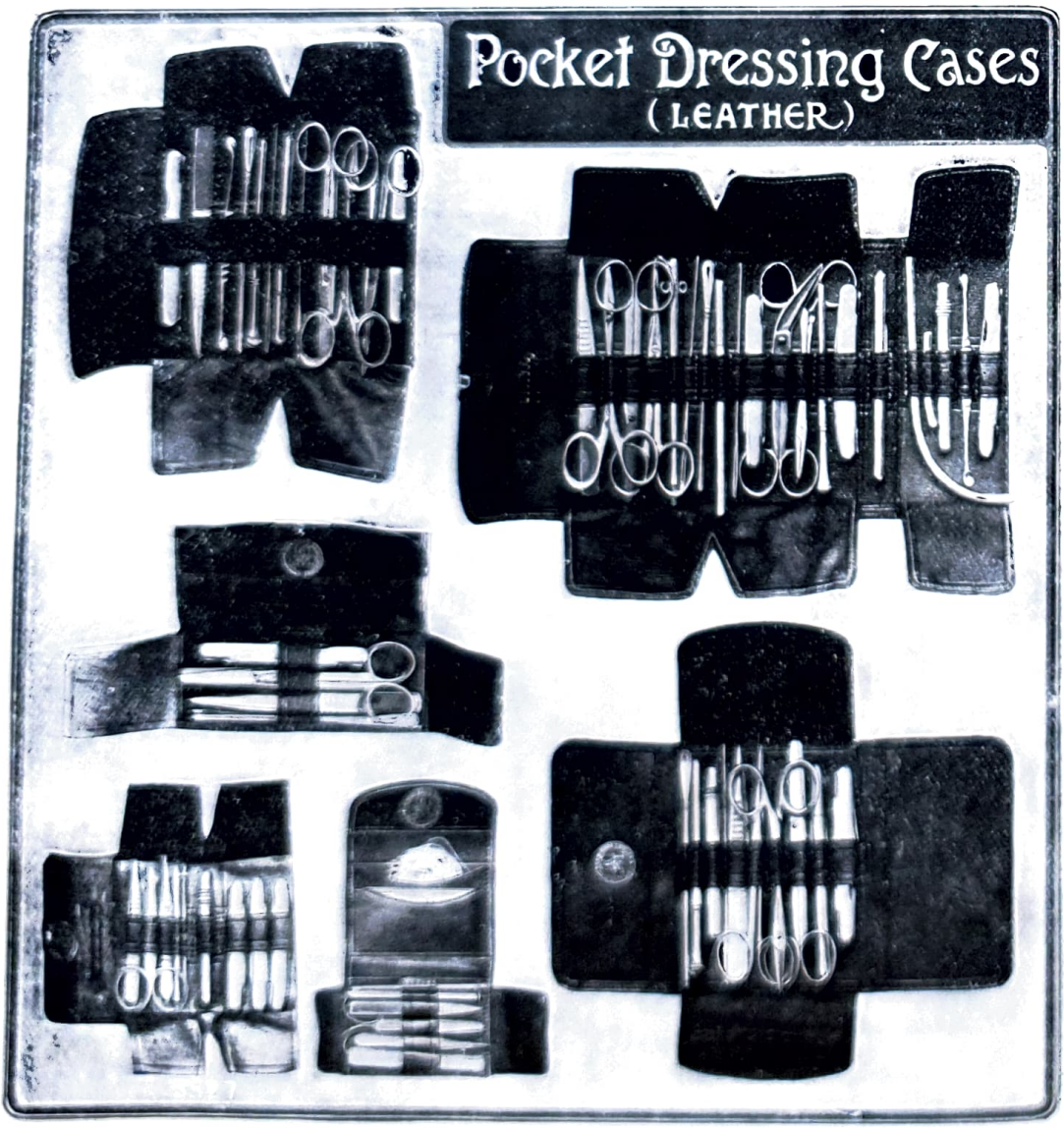


3523

Splinter Forceps—

3522	With bayonet points	...	...	...	...	...	...	...	...	0	3	6
3523	With grooved points	...	...	...	...	...	...	...	...	0	1	9

POCKET DRESSING CASES.



No. **Pocket Dressing Cases**—*continued.*

3524 **Two-fold Case,** containing—

			£ s. d.
Artery Forceps.	Double Knives (2).	Probes (2).	
Caustic Case, silver.	Double Scoop (No. 3517).	Scissors.	
Director and Scoop, plated.	Dressing Forceps (No. 3482).	Silk and Needles (6).	
Dissecting Forceps.	Exploring Trocar.	Thermometer.	
			3 0 0

3525 **Three-fold Case,** containing—

Artery Forceps (2).	Dissecting Forceps.	Eye Spud and Needle.	
Caustic Case (No. 3468).	Double Knives (3).	Probes (2).	
Catheter, male and female (No. 3463).	Double Scoop (No. 3517).	Scissors (2).	
Director and Scoop, plated.	Dressing Forceps (No. 3482.)	Silk and Needles.	
	Exploring Trocar.	Thermometer.	5 0 0

3526 **Single Fold Case,** containing—

Director and Scoop.	Double Knife.	Scissors.	
Dissecting Forceps.	Probe.	Silk and Needles.	1 2 0

3527 **Miniature Case,** double, containing—

Artery Forceps, Liston's (No. 3035).	Director and Probe.	Needles (6).	
	Dissecting Forceps.	Scissors.	
Caustic Case, silver.	Double Knives (3).	Silk, 1 size.	2 9 0

3528 **Miniature Case,** single, containing—

Artery Forceps, Liston's (No. 3035).	Dissecting Forceps.	Scissors.	
	Double Knife.	Silk, 1 size	
Director and Probe.	Needles (6)		1 8 6

3529 **Middlesex Hospital Case,** containing—

Artery Forceps.	Double Knife.	Probe.	
Caustic Case.	Dressing Forceps.	Scissors.	
Director and Scoop.	Exploring Trocar.	Thermometer.	
Dissecting Forceps.	Needles.	Tablet of Silk, 4 sizes.	2 6 0

3530 **Board of Trade Case,** containing—

Artery Forceps.	Director, plated.	Needles (12).	
Double Bistoury.	Dressing Forceps.	Probes, silver (2).	
Bleeding Lancets (2).	Finger Knife.	Scissors.	
Caustic Case.	Gum Lancet.	Silk, 4 sizes.	
		Spatula.	1 4 0

3531 **"P. & O." Case,** containing—

Dissecting Forceps.	Probes (2).	Surgical Needles (12)	
Dressing Forceps	Trocar and Canula.	Caustic Case.	
Artery Forceps.	Curved Bistoury.	Horsehair for sutures.	
Director and Scoop.	Scissors.	Silk for ligatures.	2 3 6

3532 **"Royal Mail" Case** containing—

Spatula, plated.	Director, plated.	Hypodermic Syringe,	
Scissors, straight.	Probe.	Clinical Thermometer.	
Dressing Forceps	Gum Lancet.	Eye Spud and Scoop.	
Abscess Knife.	Suture Needles (12).	Tablet of Silk, 4 sizes.	
Caustic Case, silver.			£2 6 6



3533

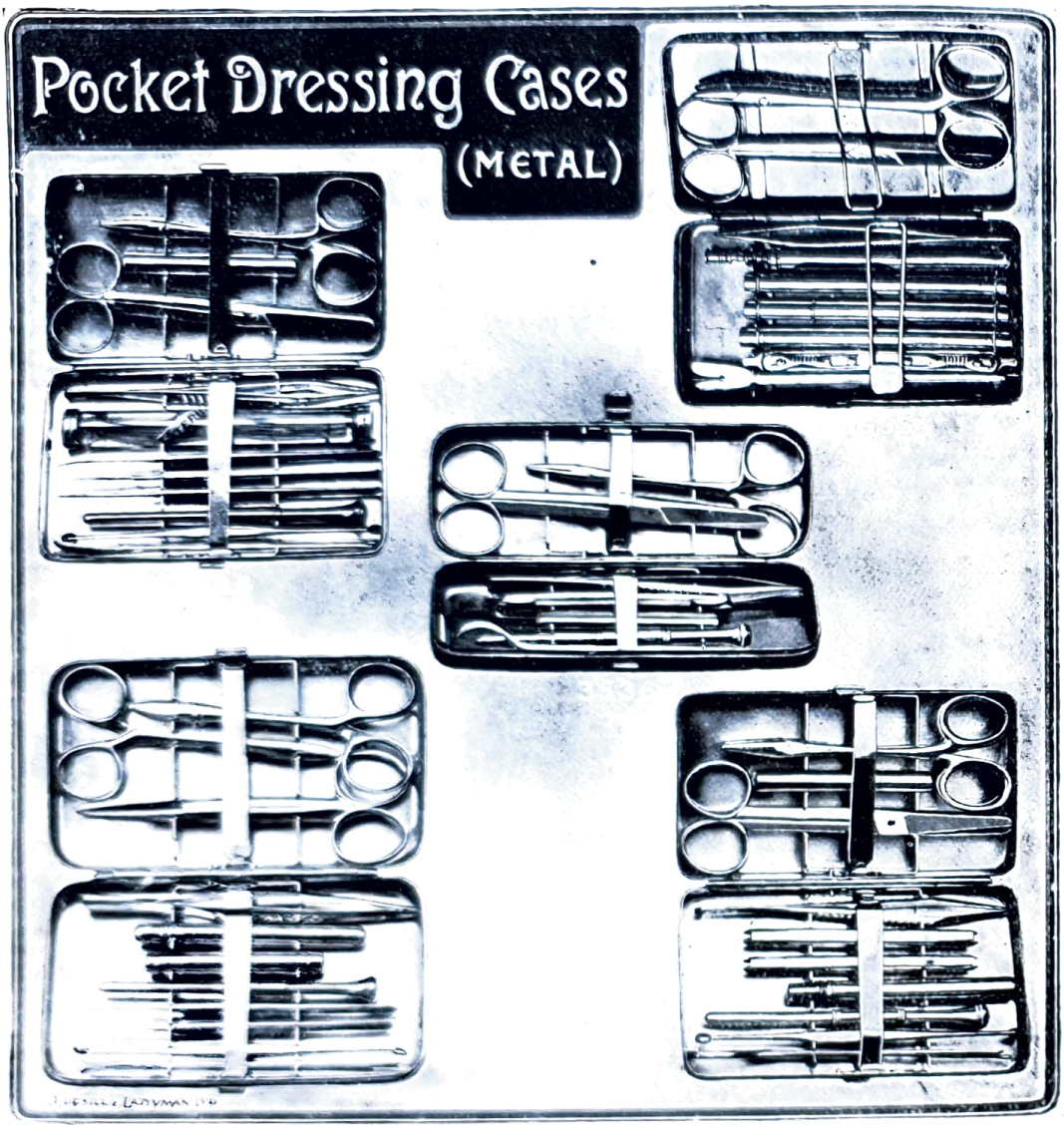
3533 **Ward Dressing Case,** as used at St. Bartholomew's Hospital, containing—

Caustic Case, silver.	Dissecting Forceps.	Scissors.	
Director and Probe.	Knife	Thermometer.	£1 1 0

Leather Pocket Cases, empty, as used for the above sets—

Morocco leather,	No. 3524, 10/ ;	No. 3525, 16/ ;	No. 3526, 6 6 ;	No. 3527, 8/ ;	No. 3528, 7 6 ;
Pig skin	No. 3529, 7/ ;	No. 3530, 3 6 ;	No. 3533		0 2 0
Russia leather,	No. 3524, 14 6 ;	No. 3525, 18/ ;	No. 3529		0 10 0
	No. 3524, 18/ ;	No. 3525, 22/ ;	No. 3527, 9 6 ;	No. 3529	0 13 6

Pocket Dressing Cases—*continued.*



No.					£ s. d.
3534	**Aseptic Case,** containing—				
	Artery Forceps, Spencer Wells's.	Exploring Trocar.	Probe.		
	Director.	Knives in metal handles (3).	Scissors.		
	Dissecting Forceps.	Needles in metal tube (6).	Sterilised Silk in glass tube.		2 5 0
	Double Scoop.				
3535	**Aseptic Army Regulation Case,** containing—				
	Artery Forceps, Spencer Wells's, Aseptic (2).	Hypodermic Syringe.	Silk and Wire.		
	Director with guard.	Hypodermic Tablets (morphia and cocaine).	Probe.		
	Dissecting Forceps.	Needle Case with 6 needles.	Scissors, Aseptic.		
	Double Knife.		Clinical Thermometer in metal case.		3 9 0
3536	**Aseptic Case,** containing—				
	Artery Forceps, Spencer Wells's.	Dissecting Forceps.	Probe.		
	Director and Aneurism Needle.	Exploring Trocar.	Scalpel.		
		Needles in metal tube (6).	Scissors.		
			Symes's Abscess Knife.		1 13 6
3537	**Aseptic Case,** containing—				
	Artery Forceps, Spencer Wells's (2).	Dissecting Forceps.	Probe.		
	Caustic Case, Silver.	Double Scoop.	Scalpel, solid forged.		
	Director and Scoop.	Needles in metal tube (6).	Scissors.		
		Exploring Trocar.	Symes's Knives, solid forged.		2 10 0

All the above Cases are fitted with lift-out metal racks, except No. 3535.

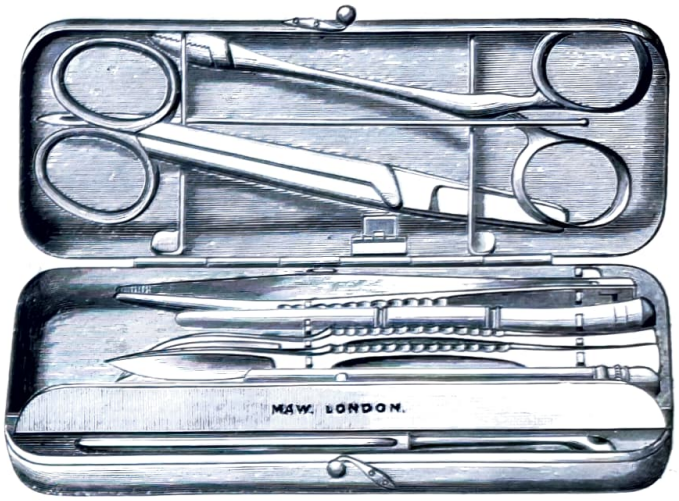
No. **Pocket Dressing Cases**—*continued.*

3538 **Aseptic Case,** containing— £ s. d.

Artery Forceps, Spencer Wells's Aseptic (2).
Caustic Case.
Director and Scoop.
Dissecting Forceps, aseptic.
Double Knives (2).
Double Scoop.
Exploring Trocar.
Needles in metal tube (6).
Probe.
Scissors, aseptic. 3 3 0

3539 **Leeson's, Aseptic,** containing— £ s. d.

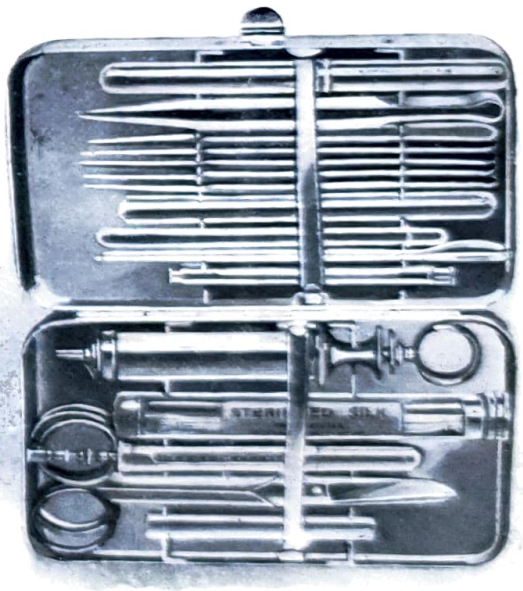
Artery Forceps, Spencer Wells's Aseptic.
Caustic Case, silver.
Director and Ear Scoop.
Dissecting Forceps, aseptic.
Exploring Trocar.
Needles.
Probe.
Scalpel.
Scissors, aseptic.
Symes's Abscess Knife. 2 8 0



3539



3540



3541

3540 **Aseptic "Watchpocket" Case,** containing—

Artery Forceps, Spencer Wells's.
Director and Probe.
Dissecting Forceps.
Exploring Needle.
Glass Tube for needles and silk.
Scalpel.
Scissors.
Symes's Abscess Knife. 1 7 6

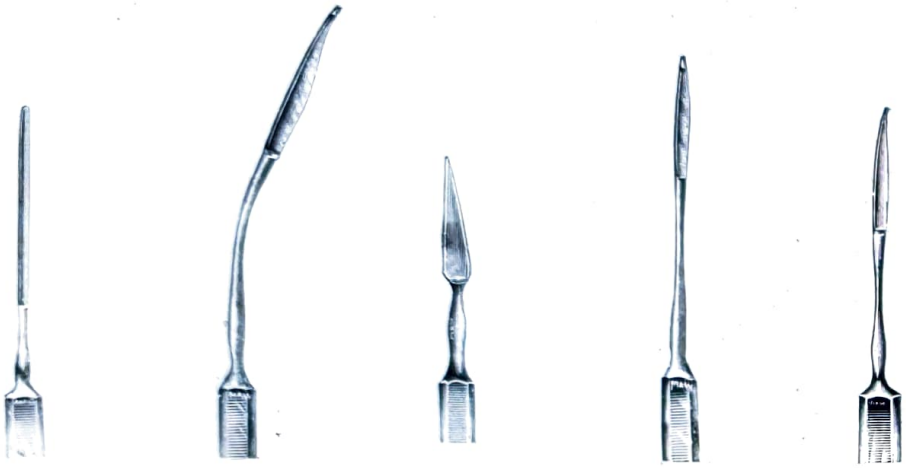
Dimensions 4¼ in. by 2¾ in. by ½ in.

3541 **Aseptic Navy Regulation Pocket Case,** containing—

Artery Forceps, Spencer Wells's, aseptic (2).
Bistoury, curved, sharp.
Bistoury, curved, blunt.
Bistoury, straight, sharp.
Caustic Case and Exploring Trocar (silver).
Clinical Thermometer.
Director and Aneurism Needle.
Dissecting Forceps.
Hypodermic Syringe in silver case.
Needles in case (6).
Paget's Abscess Knife.
Probe (silver).
Scissors, aseptic.
Symes's Abscess Knife.
Serum Syringe, 10 c.c., solid metal.
Silk and Silver Wire, sterilised, in glass tube.
Vaccinator. 4 17 6

Dimensions 5¾ in. by 3¼ in. by 1¼ in.

EYE INSTRUMENTS.



3542 3543 3544 3545 3546

No.		£	s.	d.
	Canaliculus Knives, with metal handles—			
3542	Bowman's, punctum	0	5	0
3543	Liebreich's	0	6	6
3544	Stilling's	0	5	6
3545	Tweedy's	0	6	0
3546	Weber's	0	6	0



3547

3547	**Canaliculus Knife,** with probe, McGillivray's	0	8	6
3548	**Canaliculus Director,** Critchett's...	0	2	6



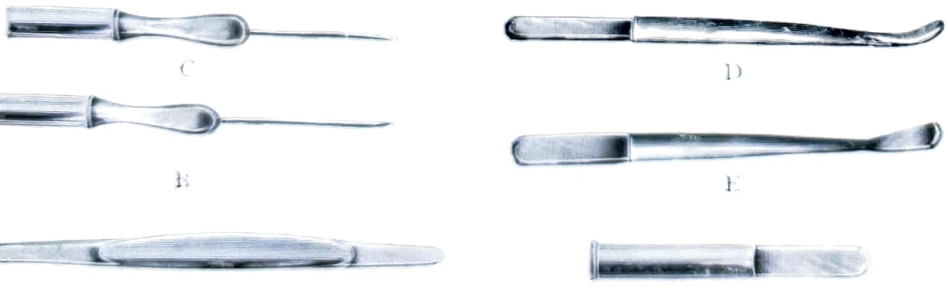
3549



3550

Capsular Forceps, fluted—

3549	Couper's (Moorfield's pattern)	0	7	6
3550	De Wecker's	0	12	6

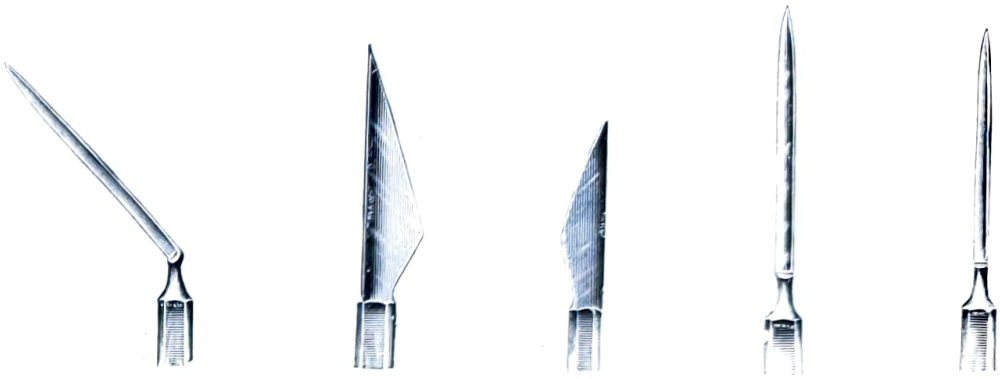


C D B E F A

3551

3551	**Cataract Irrigator,** Mckeown's for unripe cataract, consisting of tubular mount (A) to fix into end of india-rubber tubing, two hollow needles (B and C) which fit into mount (A), simple irrigating nozzle (D), scoop irrigating nozzle (E) and nozzle cleaner (F), in leather case ...	2	0	0
3552	The same apparatus complete, with Florentine flask, glass and india-rubber tubes and bellows	2	7	6

Eye Instruments—*continued.*



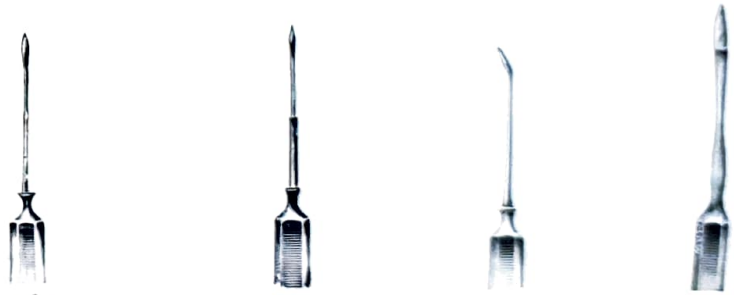
3553 3554 3555 3556 3557

No.		£	s.	d.
	Cataract Knives, with metal handles—			
3553	Bader's, right and left ... ... each	0	7	0
3554	Beer's	0	5	0
3555	Cooper's	0	5	0
3556	Graefe's, large	0	5	0
3557	Do. small	0	5	0



3558 3559

3558	Taylor's	0	6	6
	Cataract Knives, secondary—			
3559	Desmarre's, straight edge	0	5	0
3560	Do. convex edge	0	5	0
3561	Do. concave edge	0	5	0



3562 3563 3564 3565

Cataract Needles, with metal handles—

3562	Beer's	0	4	6
3563	Bowman's, stop	0	4	6
3564	Scarpa's	0	4	6
3565	Knapp's, knife needle	0	5	6



3566

Cataract Spoons, with metal handles—

3566	Bowman's, double	0	9	6



3567 3569 3568

3567	Bowman's, single	0	6	0
3568	Critchett's, double	0	9	6
3569	Tortoiseshell	0	6	0
3570	Valsalva	0	6	0

Eye Instruments—*continued.*



3571

No.		£	*s.*	*d.*
	Caustic Cases, Ophthalmic—			
3571	Silver, to take No. 7 points	0	6	9
3572	Points for do., No. 7 ... ... per doz.	0	6	0
3573	Vulcanite, to take No. 4 points	0	1	1
3574	Points for do., No. 4 ... ... per box of 1 doz.	0	4	9



3576



3577

Cauteries, with metal handles—

3575	Lang's, galvanic	1	14	0
3576	Simeon Snell's, for cornea	0	6	6
3577	Wordsworth's, lachrymal	0	5	9



3578



3579



3580

Cilia Forceps, fluted—

3578	Fenestrated points	0	3	6
3579	Flattened points, rounded...	0	3	6
3580	Do. do. square	0	3	6



3581

3581	**Corneal Trephine,** 3 sizes ... ... each	0	8	0



3582



3583

Curettes and Cystotomes, with metal shafts

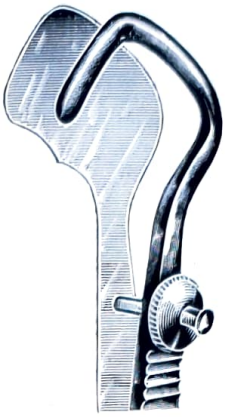
3582	Gracie's	0	7	6
3583	Moorfield's pattern	0	7	6



3584

3584	**Curette and Lens Hook**	0	7	6

Eye Instruments—*continued.*



3586

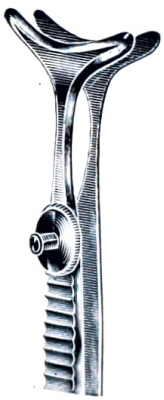


3585



3587

No.		£	*s.*	*d.*
3585	**Drum,** with kid top, for testing the points of Eye Instruments	0	2	6
	Entropion Forceps, fluted—			
3586	Desmarre's, right or left ... ... each	0	9	6
3587	Graefe's	0	9	6
3588	Moorfield's Hospital pattern (modified Desmarre's)	0	9	6



3589

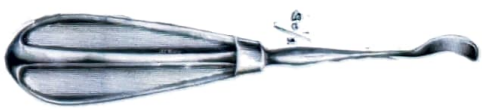


3590



3591

3589	T-shaped blades	0	9	6
3590	Triangular blades	0	9	6
3591	Wilde's, oval, for "Tarsal Tumour"	0	9	6



3592

3592	**Evisceration Scoop,** Mule's	0	8	6
3593	Artificial Vitreous Bodies, glass, for use after Mule's operation, 3 sizes, ¾ in., 1⅛ in. and 1⅛ in. ... ... per doz.	0	6	0



3594

3594	Introducer for Mule's Artificial Vitreous Bodies	0	8	6



3595

3595	**Eye Lid Elevator,** Bass's	0	1	0

Eye Instruments—*continued.*



3596



3597

No.		£	*s.*	*d.*
	Fixation Hooks, with metal handles—			
3596	Bader's	0	4	6
3597	Guthrie's, double	0	5	6



3598

Fixation Forceps, fluted—

3598	Ordinary pattern, with catch, one point opposing two	0	4	6
3599	Do. do. do. two points opposing three	0	5	6

The above Forceps can be supplied without catch at 9*d. each less.*



3600



3601



3602



3604

3600	Beaumont's, double ended, with catch	0	13	6
3601	Cross points	0	5	0
3602	Graefe's	0	6	0
3603	Do. with catch...	0	6	9
3604	Monnoyer's, with catch, three points opposing four	0	10	6
3605	Do. do. two points opposing three	0	10	0



3606



3607



3608



3609

Iris Forceps, fluted—

3606	Serrated points, straight	0	5	0
3607	Do. do. curved	0	5	0
3608	Tenaculum points, straight	0	5	0
3609	Do. do. curved	0	5	0

Eye Instruments—*continued.*



3610



3611



3613

No.	**Iris Forceps,** *continued.*	£	s.	d.
3610	Fischer-Arlt's	0	5	6
3611	Graefe's, curved	0	6	0
3612	Do. straight	0	5	6
3613	Liebreich's	1	8	6



3615



3616



3618



3619

Iris Hooks, with metal handles—

3614	Bowman's, silver	0	4	6
3615	Streatfeild's, spatula	0	4	6
3616	Tyrrell's	0	5	0
3617	Do. with platinum stem	0	6	6

Iris Repositors, with metal handles—

3618	Silver	0	4	6
3619	Tortoiseshell	0	4	6



3620

3620	Lawford's, spatula and probe combined...	0	7	6



3621

3621	**Irrigator and Retractor,** combined, Lagrange's	0	12	6

Eye Instruments—*continued.*



3623



3624



3625



3626



3627

Keratome's or Iridectomy Knives, with metal handles—

No.		£	*s.*	*d.*
3622	Bowman's	0	5	0
3623	Jaeger's, straight	0	5	0
3624	Do. angular	0	5	0
3625	Lawson's, modification of Graefe's	0	5	0
3626	Taylor's, round pointed	0	5	0
3627	Do. sharp pointed			



3628

3628 **Lachrymotome,** Teulon's 0 18 0



3629



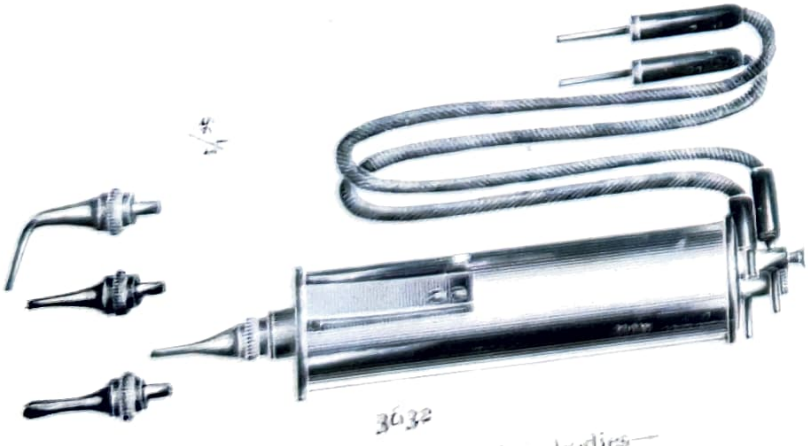
3630

Lens Hooks, with metal handles—

3629	Curved	0	4 6
3630	Rectangular	0	4 6



3631



3632



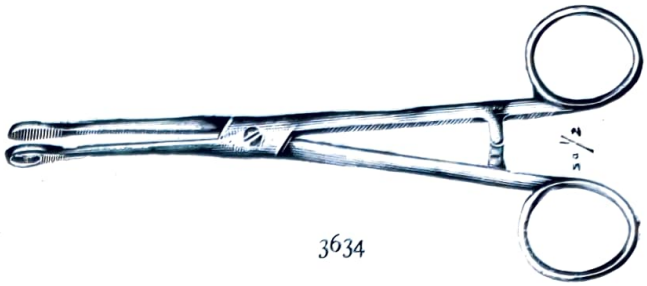
3633

... 0 0 6

... Foreign Bodies—

... 1 11 6

Eye Instruments—*continued.*



3634

Meibomian Cyst or Chalazion Forceps—

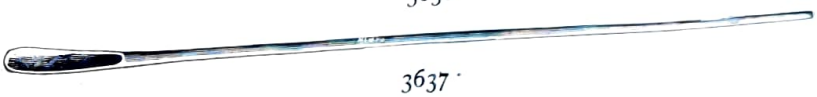
No.		£	*s.*	*d.*
3634	Griffith's	0	8	0



3635



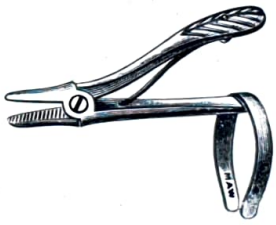
3636



3637

Meibomian Cyst or Chalazion Scoops, with metal handles—

												each	0	6	0
3635	Single, round or oval	...	...	...	...	...	...	...	...	...	...		0	8	6
3636	Double	...	...	...	...	...	...	...	...	...	...		0	2	6
3637	Moorfield's pattern	...	...	...	...	...	...	...	...	...	...				



3638



Closed.



Open.

3639

Needle Holders—

													0	4	6
3638	Galezowski's ...	...	...	...	...	...	...	...	...	...	...		0	13	6
3639	Saunders's	...	...	...											
	Stevens's (*see page* 25).														



3640 (A) 3640 (B) 3640 (C) 3641

Paracentesis Needles, with metal handles—

												each	0	4	6
3640	Broad, 3 sizes, A, B and C	...	...	...	...	...	...	...	...	...	...		0	4	6
3641	Desmarre's ...	...	...	...	...	...	...	...	...	...	...				



3642

													0	8	0
3642	Liebreich's, with probe	...	...	...	...	...	...	...	...	...	...				

Eye Instruments—*continued.*



3643

No.		£	s.	d.
	Probes, for Lachrymal Duct, etc.—			
3643	Anel's, set of 3 in case ... ... per set	0	3	9



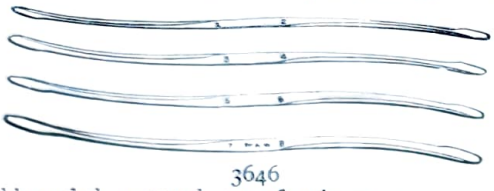
3644

3644	Bowman's, with Critchett's Canalicular Director ... per set, in case	0	7	6



3645

3645	Bowman's, bulbous, double ended, set of 4 in case ... ... per set	0	7	6



3646

3646	Couper's, double ended, grooved, set of 4 in case ... ... per set	0	12	6



3647



3648



3649



3650

3647	Liebreich's, set of 3, silver ... ... per set	0	7	6
3648	Nettleship's, steel, conical ... ... each	0	2	0
3649	Walton's, conical, silver, set of 3 in case ... ... per set	0	7	6
3650	Do. steel, in metal handle ... ... each	0	4	6
3651	Weber's, silver ... ... ,,	0	4	6



3652

3652	**Punctum Dilator,** Lang's	0	2	0



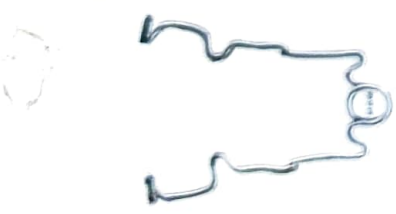
3653



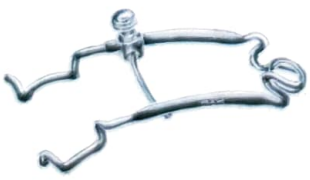
3654

Rectus Forceps—

3653	Priestley Smith's, for Tenectomy	0	10	6
3654	Prince's	0	10	6



3655

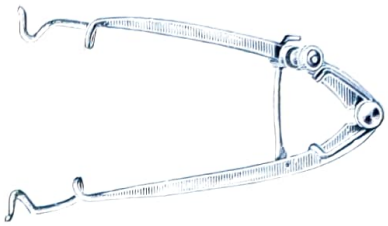


3656

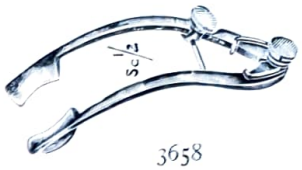
Retractors—

3655	Bowman's	0	2	6
3656	Do. with stop screw	0	5	6

Eye Instruments—*continued.*



3657



3658

No.	**Retractors**—*continued.*	£	*s.*	*d.*
3657	Clark's, with stop screw	0	11	6
3658	Lang's	0	13	6



3659

3659	Desmarre's, with metal handle, 3 sizes	each	0	5	6



3660



3661

3660	McGillivray's, for use with thumb and fore-finger	per pair	0	4	6
3661	Macnamara's		0	9	0
3662	**Rods, Glass,** for acid solutions, &c.	per doz.	0	2	0



3663



3664

Scalpels, with metal handles—

3663	Ordinary, small size		0	4	0
3664	Simeon Snell's, combined with Meibomian Cyst Scoop		0	5	0



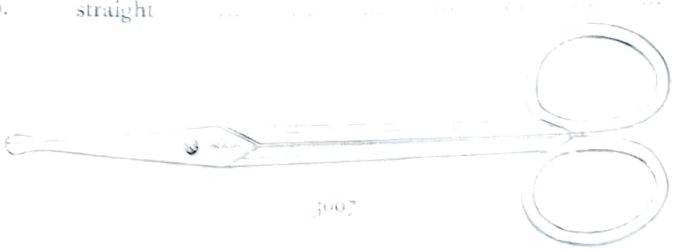
3665



3666

Scarifying Knives, with metal handles—

3665	Desmarre's, curved		0	5	0
3666	Do. straight		0	5	0

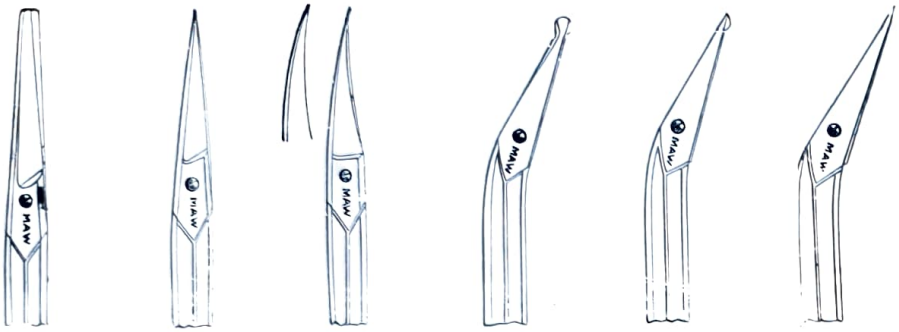


3667

Scissors—

3667	Probe, pointed		0	3	6

Eye Instruments—*continued.*



3668 3669 3670 3672 3673 3674

No.	**Scissors**—*continued.*	£	s.	d.
3668	Straight, round pointed	0	3	0
3669	Do. sharp pointed	0	3	0
3670	Curved on flat, sharp pointed	0	5	6
3671	Do. do. round pointed, extra strong, for excision	0	6	0
3672	Angular, with both blades probe pointed	0	5	0
3673	Do. with one blade probe pointed and one blade sharp pointed	0	4	6
3674	Do. with both blades sharp pointed	0	4	6



3675

3675	De Wecker's, Iris	1	2	6



3676

3676	Noye's, Iris	0	19	6



3677

3677	**Spatula,** horn...	0	2	6



3678



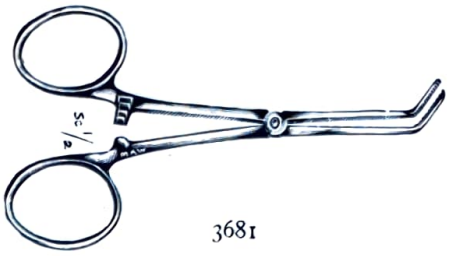
3679



3680

3678	**Spud and Scoop,** Walton's, in screw metal case	0	7	6
3679	**Spud and Needle,** in screw metal case	0	7	6
3680	**Spud,** single	0	4	6

Eye Instruments—*continued.*



3681

No.

Strabismus Forceps—

		£	s.	d.
3681	Beaumont's, for advancement	0	9	6



3682



3683

Strabismus Hooks, with metal handles—

3682	Cowell's	0	4	6
3683	Graefe's	0	4	6
3684	Do. with flattened end, as used at Moorfield's Hospital	0	4	6



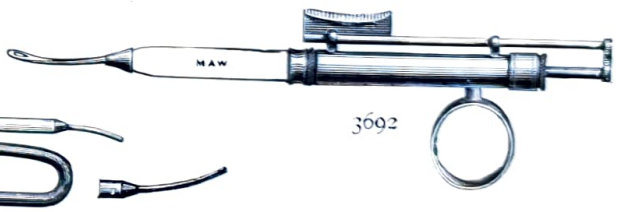
3685



3686 3687 3688 3689 3690

Styles—

3685	Bickerton's, gilt, hollow, set of 3, with probe	0	7	6
3686	Taylor's ... ... per doz.	1	4	0
3687	Do. ... ... ,,	1	4	0
3688	Lead, bulbous ... ... ,,	0	4	0
3689	Walton's, silver ... ... ,,	0	18	0
3690	Ware's ... ... ,,	0	15	0
3691	Do. hollow ... ... ,,	1	4	0



3692



3693

Suction Syringes—

3692	Bowman's, in leather case	0	18	6
3693	Teale's, in leather case	0	7	6



3694



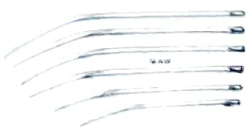
3695

Suture Needles, with metal handles—

3694	Bowman's	0	4	6
3695	Hulke's	0	5	0



3696



3697

Suture Needles, nickel plated, in packets containing 6 each—

3696	Curved, 6 sizes ... ... per doz.	0	2	3
3697	Half-curved, 6 sizes ... ... ,,	0	2	3
3698	Straight, 6 sizes ... ... ,,	0	2	3

Eye Instruments—*continued.*



3699



3700

No.	**Synechia Knives,** with metal handles—	£	*s.*	*d.*
3699	Lang's, blunt	0	5	0
3700	Do. sharp	0	5	0



3701

Tarsal Cyst Knives—

3701 Bowman's, combined, with scoop 0 7 6



3702

3702	Cheselden's, combined, with scoop	0	7	6
3703	Simeon Snell's	0	5	6



3704



3705



3706

3704 **Tarsal Cyst Clamp,** Rollston's, 3 sizes ... ... each 0 10 6

Trachoma Forceps, fluted—

3705	Graddy's	0	8	6
3706	Knapp's, with rollers	0	12	6



3707

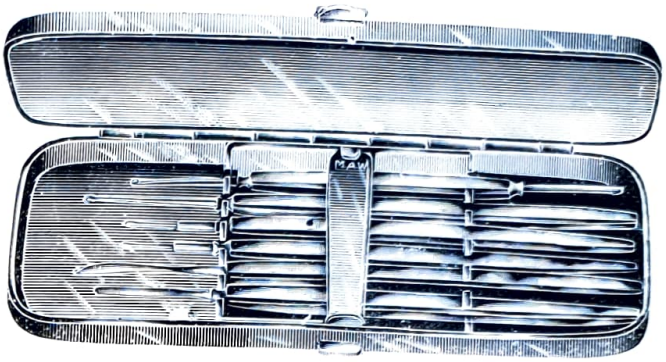


3708

3707 **Tattooing Needle,** with metal handle 0 4 6

3708 **Vectis,** Taylor's, with metal handle 0 7 6

ACCESSORIES FOR USE IN OPHTHALMIC SURGERY.



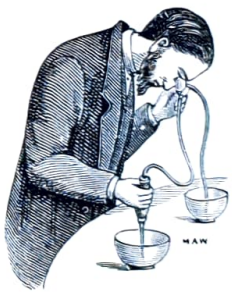
3711

Boxes for Eye Instruments—

No.		£	s.	d.
3709	Mahogany, unpolished ... ... to hold 2, 1/2; 4, 1/6; 6, 1/9; 12	0	2	6
3710	Plain wood, do. ... ...to hold 2, 1/–; 3, 1 3; 6	0	1	6
3711	Metal, aseptic, with lift-out racks ... ... to hold 6, 8/6; 12	0	12	0



3712



3713



3714

Douches, Irrigators, etc.—

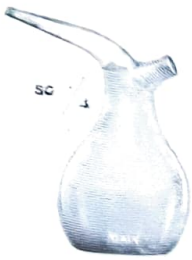
3712	Bowman's, india-rubber, with brass mounts, in case	0	5	3
3713	Double action, india-rubber	0	6	0
3714	Moorfield's pattern, 1 quart, porcelain, with 3 ft. of india-rubber tubing and glass nozzle	0	3	9



3715



3716



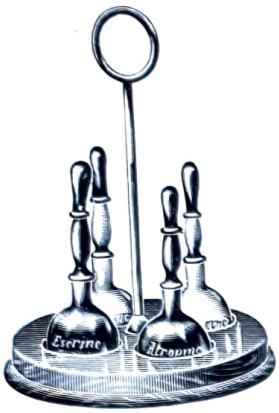
3717

3715	India-rubber cup ... ... children's, 2 –; adult's	0	2	6
3716	Lawson's, india-rubber ball ... ... per doz.	0	5	3
3717	"Undine" glass, as recommended by Jessop	0	1	0

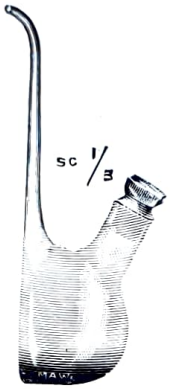
Accessories for use in Ophthalmic Surgery—*continued.*



3718



3720



3723

No.		*£*	*s.*	*d.*
	Drop Bottles—			
3718	Chalk's improved, as used at Moorfield's Hospital	0	1	0
3719	Stroschein's, for sterilising ophthalmic solutions	0	1	9
3720	Do. set of 4, on mahogany stand	0	13	6
3721	Tripod, with gauze top, for use during sterilisation	0	1	6

These bottles are made in 4 colours :—Black for atropin, blue for homatropin, red for eserin, and white for cocaine. Each one is fitted with a ground stoppered pipette, to the top of which is fixed an india-rubber teat so that it can be used as a dropper in the ordinary way. When it is required to sterilise the solution, the india-rubber teat is removed and the bottle is placed on a tripod over an ordinary spirit lamp and allowed to boil for three minutes. In order to compensate for any loss of fluid by evaporation, from 8 to 10 minims of distilled water should be added to every 6 drachms of fluid before sterilisation commences.

3722	Russ Wood's, in card boxes	each	0	2	0



3723-4

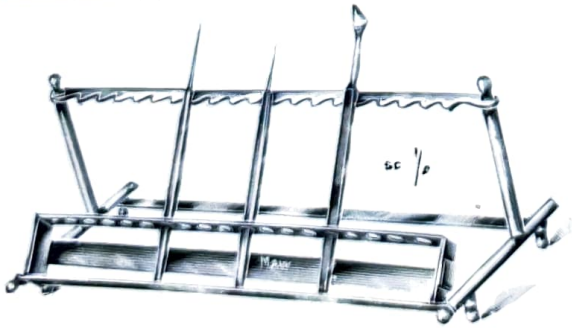


3725



3726

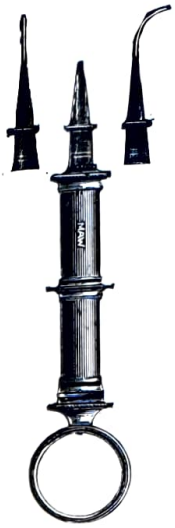
3723	Liebreich's, white glass, with solid tube, in card boxes, as used at Moorfield's Hospital	per doz.	0	1	2
3724	Do. coloured glass, amber, blue, green, or red, in card boxes	,,	0	1	6
3725	Lang's, in card boxes	,,	0	1	9
3726	Macnaughton Jones's, white, blue or amber, with vulcanite cap, in pull-off card case	per doz.	0	6	0
	Drop Tubes—				
3727	With ball, each in box	per doz.	0	11	0
3728	With teat	,,	0	0	9
3729	With india-rubber tube	,,	0	0	9



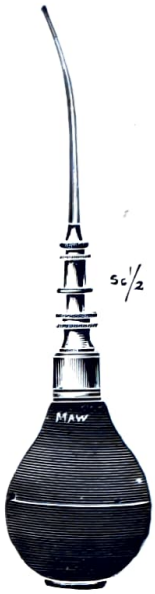
3730

3730	**Rack for Eye Instruments,** nickel plated		0	16	6

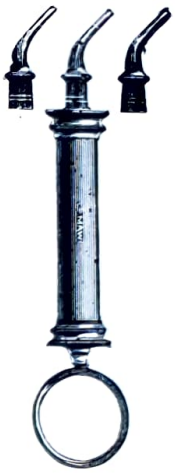
Accessories for Use in Ophthalmic Surgery—*continued.*



3731



3732



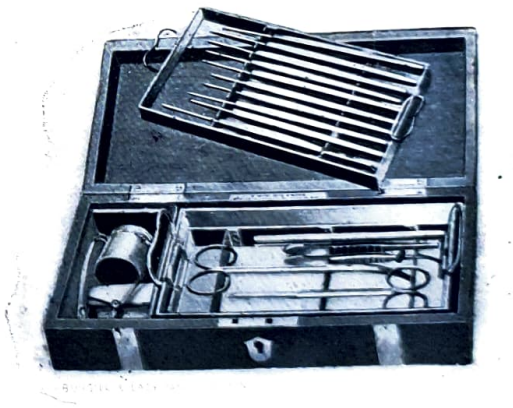
3733



3735

No.	**Syringes, Lachrymal—**	£	*s.*	*d.*
3731	Anel's, plated, with two gold pipes and one conical mount	0	17	6
3732	Bowman's, india-rubber, with two silver pipes	0	9	6
3733	Meyer's, silver mounted, with side bars, and two pipes in case	0	14	0
3734	Do. Lang's modification, plated, with plug mounts and two silver pipes in case	0	14	0
3735	**Syringe,** MAW'S registered, for Ophthalmia Neonatorum	0	4	6

SETS OF EYE INSTRUMENTS.



3736

3736 **Set,** consisting of—

Canaliculus Knife, Weber's	1	Lachrymal Probes, Bowman's	set 1
Cataract Knives, Graefe's	2	Needles	6
Curette and Cystotome, Graefe's ...	1	Scissors, straight	1
Drum for testing instruments	1	Silk on metal reel	1
Epilation Forceps (No. 3580)	1	Speculum, Clarke's	1
Fixation Forceps (No. 3598)	1	Spud, Walton's	1
Iridectomy Knife, Jaeger's	1	Stop Needles, Bowman's	2
Iris Forceps, curved, tenaculum points...	1	Strabismus Hook, Graefe's	1
Iris Hook, Tyrrell's	1		

Instruments fitted into lift-out metal frames, in a metal inner tray, which can be used for sterilising purposes, and the whole contained in a brass bound mahogany case, with lock and key ... 6 0 0

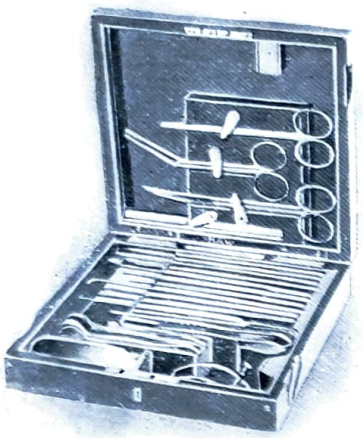
3737 **Set,** consisting of—

Canaliculus Knife	1	Keratome	1
Cataract Knives, Graefe's	4	Lachrymal Probes, Bowman's, with Critchett's Canaliculus Director ...	set 1
Cataract Needle, curved	1	Meibomian Cyst Scoop	1
Curette and Cystotome	1	Needles	6
Entropion Forceps, right and left ...	2	Speculum with stop	1
Excision Scissors	1	Spud	1
Fixation Forceps	1	Stop Needle, Bowman's	1
Iris Forceps, curved	1	Strabismus Scissors	1
Iris Repositor	1	Silk, 3 sizes, on metal reel	1
Iris Scissors	1		

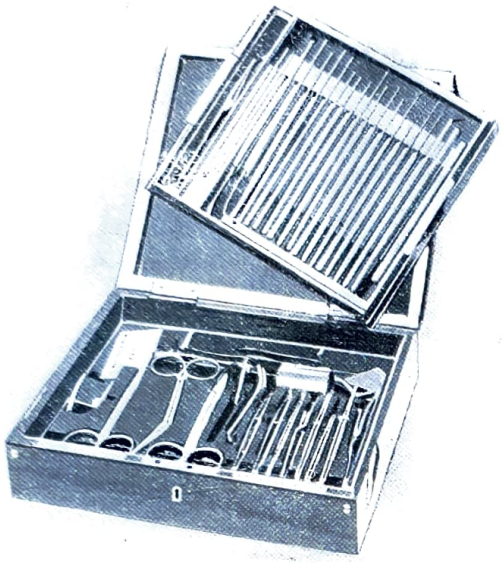
Instruments fitted into polished mahogany case with brass racks 6 12 6

(*For illustration, see following page.*)

Sets of Eye Instruments—*continued.*



3737



3738

No.

3738 **Middlesex Hospital Set,** consisting of—

Canaliculus Knife, Tweedy's	...	...	1
Cataract Knife, Beer's	...	...	1
Do. do. Graefe's	...	...	3
Do. Scoop, Bowman's and Critchett's double	...	...	1
Cilia Forceps	...	...	1
Curette and Cystotome, Moorfields	...		1
Entropion Forceps, Moorfields, right and left	...	...	2
Fixation Forceps	...	...	1
Gouge	...	...	1
Iris Forceps	...	...	1
Do. Liebreich's	...	...	1
Iris Hook, Tyrrell's	...	...	1
Iris Repositor, silver	...	...	1
Lachrymal Probes, Bowman's	...	set	1
Lens Hook, curved	...	...	1
Lid Spatula	...	...	1
Keratome	...	...	1
Meibomian Cyst Scoop, Moorfields	...		1
Needle Holder	...	...	1
Needles	...	...	6
Paracentesis Needle	...	...	1
Punctum Dilator, Lang's	...	...	1
Rectus Forceps, Prince's, right and left	...		2
Scissors, Excision	...	...	1
Do. Iris, De Wecker's	...	...	1
Do. Angular	...	...	1
Do. Straight	...	...	1
Silk, 3 sizes, on metal reel	...	...	1
Speculum, Lang's	...	...	1
Do. Noye's	...	...	1
Do. Wire	...	...	1
Spud	...	...	1
Stop Needle, Bowman's	...	...	1
Synechia Knives, sharp and blunt, Lang's			2
Trachoma Forceps, Graddy's	...	...	1

£ s. d.

Instruments fitted into polished mahogany case with tray and brass racks 15 15 0



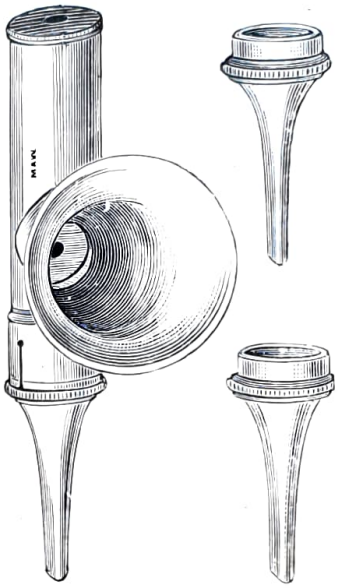
3739

3739 **Set,** consisting of—

Canaliculus Knife, Weber's			1
Cataract Knives, Graefe's			2
Cataract Needle, broad	...		1
Cilia Forceps	...	...	1
Curette and Cystotome, Graefe's	...	...	1
Fixation Forceps	...	...	1
Iridectomy Knife	...	...	1
Iris Hook, Tyrrell's	...		1
Iris Forceps	...	...	1
Iris Scissors	...	...	1
Lachrymal Probes, Bowman's	...	... set	1
Needles in metal case	...		6
Silk, 3 sizes, on metal reel			1
Speculum, Clarke's	...		1
Stop Needles, Bowman's			2
Strabismus Hook	...	...	1
Strabismus Scissors	...		1

Instruments fitted into aseptic metal case with lift-out rack 6 7 6

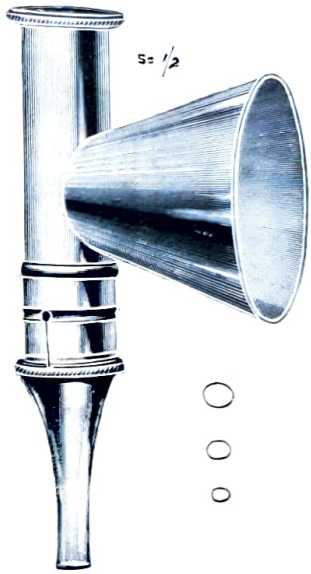
EAR INSTRUMENTS.



3740



3741

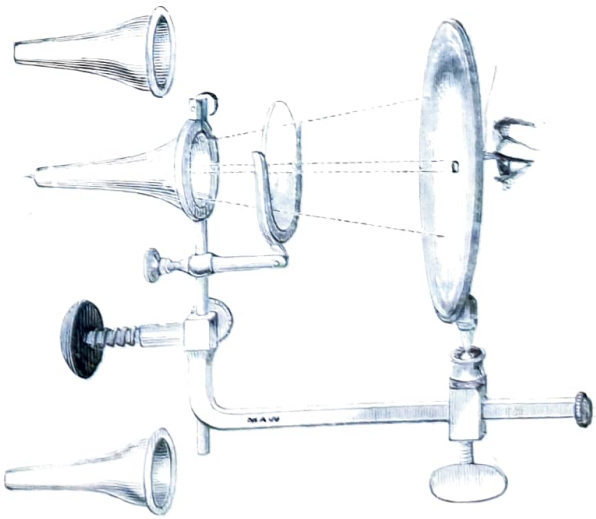


3742

No.	**Auriscopes—**	*£*	*s.*	*d.*
3740	Brunton's, with set of 3 specula in case	1	2	6
3741	Do. with electric illumination, with 3 specula in case	1	11	6
3742	Hovell's, with set of 3 specula in case	1	2	6



3743



3744

3743	Macnaughton Jones's, with hinged lenses	0	13	6
3744	Weber's, with set of 3 specula in case	1	1	0
3745	**Auscultation or Diagnosis Tube**, Toynbee's	0	2	6

Ear Instruments—*continued.*



3746



3747



3748

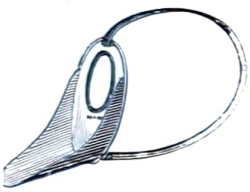


3749

No.		£	*s.*	*d.*
	Curettes—			
3746	Barker's	0	3	6
3747	Do.	0	3	6
3748	Imray's, with probe	0	3	0
3749	Quer's	0	4	6



3750



3751



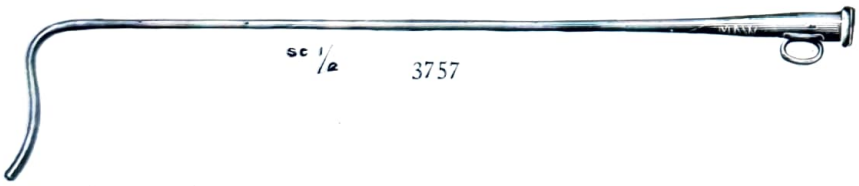
3752

	Ear Channels—			
3750	Japanned tin, with elastic loop for ear	0	1	6
3751	Do. with elastic head band	0	2	6
3752	Do. with spring for head	0	4	0
3753	Do. with waste tube and india-rubber band	0	3	6
3754	**Ear Trough**, Brown's, glass, with flat bottom	0	2	0
3755	**Eustachian Bougies**, celluloid, set of 6 in case	0	8	6



3756

	Eustachian Catheters—			
3756	Elastic Gum, for passing through metal catheters	0	2	0



3757

3757	Baber's, silver, for use through the mouth	0	6	0



3758

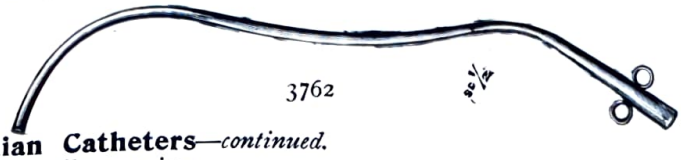
3758	Hovell's, 3 sizes ... each, plated 3/– ; silver	0	4	6
3759	Kramer's, silver, 5 sizes ... ... each	0	4	6
3760	Do. vulcanite, 3 sizes ... ... ,,	0	1	6



3761

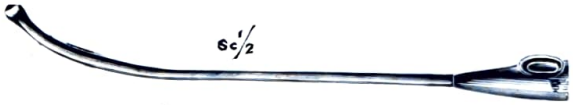
3761	Noye's, curved to right or left ... ... each	0	4	6

Ear Instruments—*continued.*

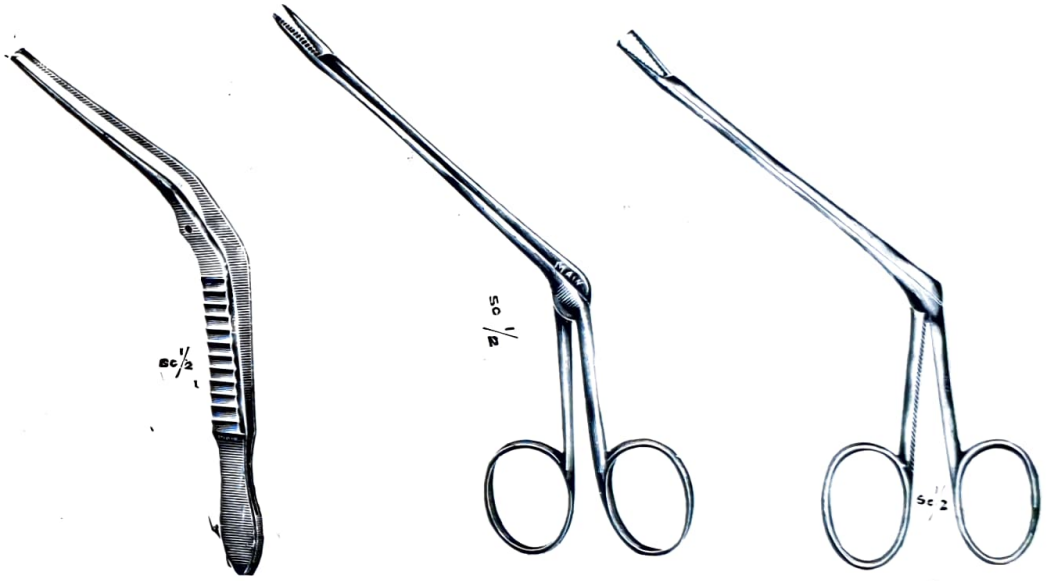


Eustachian Catheters—*continued.*

No.		£	*s.*	*d.*
3762	Pilcher's, silver, 5 sizes ... ... each	0	4	6
3763	Do. vulcanite, 3 sizes ... ... ,,	0	1	6
3764	Stuart Low's, shape as No. 3758, but fitted with stilette to close the end of the tube ... ... each	0	4	9



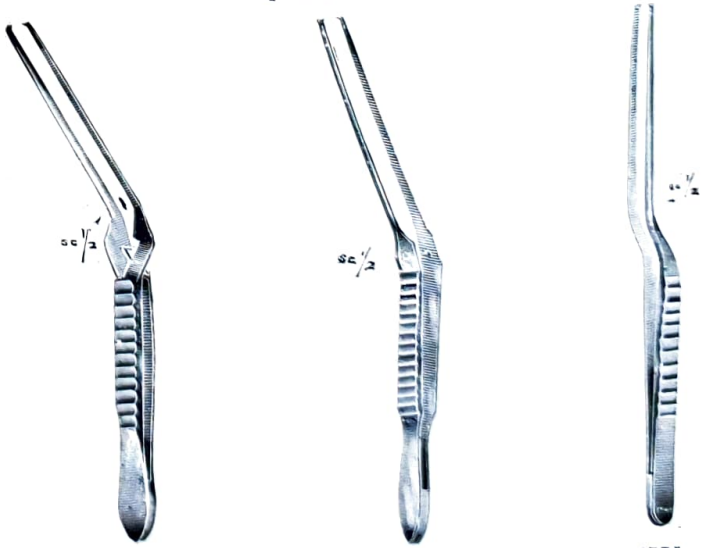
3765	Woakes's, 5 sizes... ... ... each, plated, 3/-; silver	0	4	6



3766 3767 3768

Forceps—

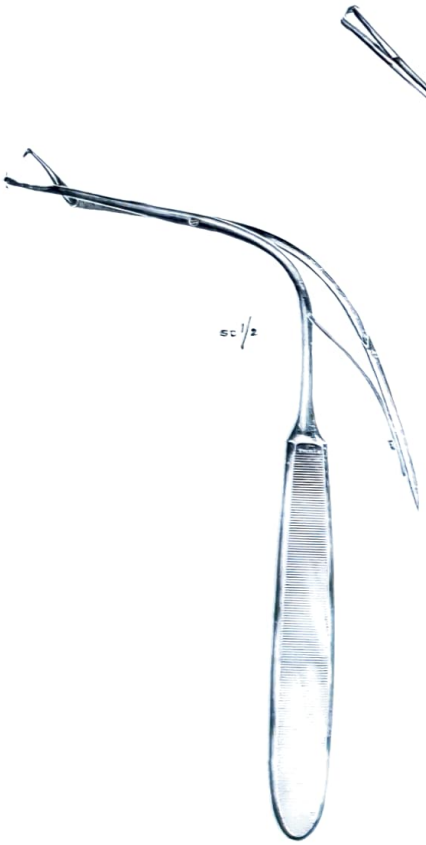
3766	Abbott's	0	6	0
3767	Bond's, with serrated points	0	7	6
3768	"Crocodile," with tenaculum points	0	7	6



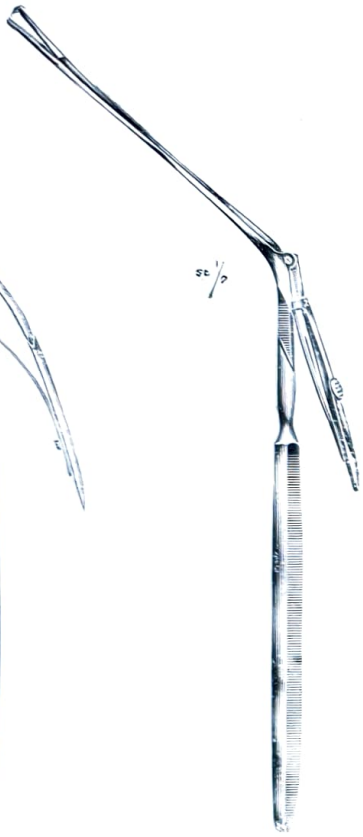
3769 3770 3771

3769	Cross action	0	5	6
3770	Cumberbatch's	0	4	9
3771	Lucae's	0	4	9

Ear Instruments—*continued.*



3772



3773



3774

No.	**Forceps**—*continued.*	£	*s.*	*d.*
3772	Duplay's	0	12	6
3773	Lever action, with slide catch	0	12	6
3774	Hartman's	0	7	6



3775

3776



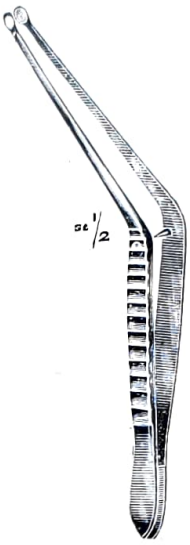
3778



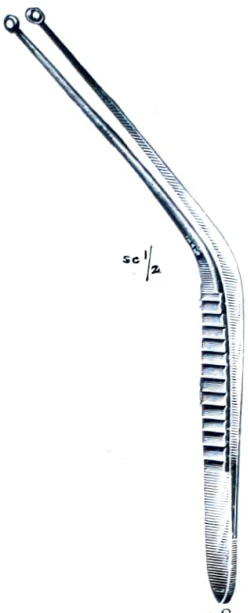
3779

3775	Heath's (Charles), with elevating wings	0	13	6
3776	Kelson's	0	5	6
3777	McGeagh's, for Ear, Throat and Nose	0	9	6
3778	Morse's, to take apart; the separate blades can be used as blunt curettes	0	8	6
3779	Stanley Green's ... ... screw joint, 8/-; disjointing	0	10	6

Ear Instruments—*continued.*



3780



3781

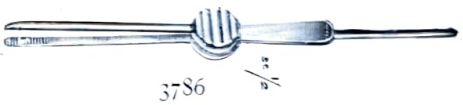


3782

No.	**Forceps**—*continued.*	£	s.	d.
3780	Politzer's	0	4	9
3781	Do. fenestrated	0	4	9
3782	Toynbee's, rectangular, cross action	0	10	6
3783	Querzahen's, with serrated points	0	4	0
3784	Wilde's, with tenaculum points	0	4	0

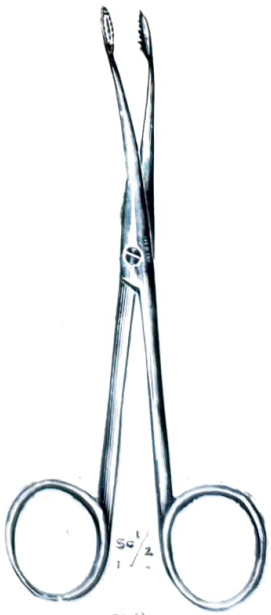


3785



3786

3785	Yearsley's											0	3	6
3786	Do. with probe											0	4	3



3787



3788



3789

Forceps for Removal of Aural Polypi

3787	Yearsley's, curved on flat											0	5	0
3788	Do. with crank bent handles											0	5	0
3789	Do. curved to side											0	5	0

Ear Instruments—*continued.*



3790



3791



3792

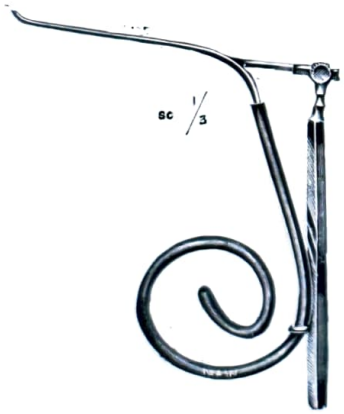


3793

No.		*£*	*s.*	*d.*
	Hooks, with metal handles—			
3790	Berthold's, with octagon handle	0	5	6
3791	Blunt, with pinion wire handle	0	4	6
3792	Double, with cylindrical handle	0	4	9
3793	Hartman's, with pinion wire handle	0	4	6
3794	**Inflator,** Dundas Grant's, for self use (*for illustration, see* No. 3805)	0	1	6

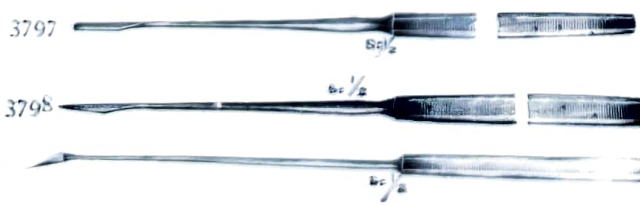


3795



3796

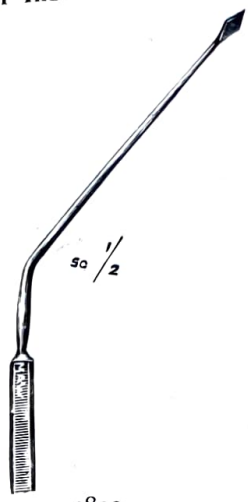
3795	**Insufflator,** for menthol or chloroform vapour, used in conjunction with a Politzer's bag, as recommended by Jobson Horne	0	3	0
	(*For other Insufflators, see pages 484 and 485.*)			
3796	**Intra-tympanic Irrigator,** Milligan's, with india-rubber tubing ...	0	14	6



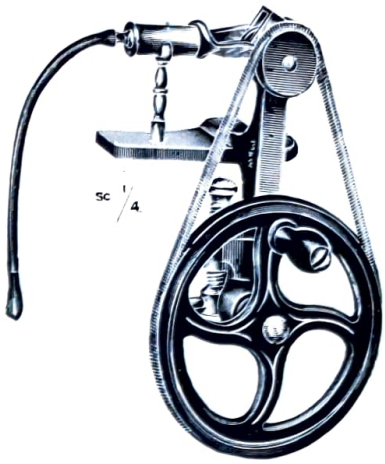
Knives or Myringotomes, in metal handles, for Incision of Drum—

3797	Lake's blunt pointed	0	5	0
3798	Do. sharp pointed	0	5	0
3799	Prout's, with pinion wire handle	0	4	6

Ear Instruments—*continued.*

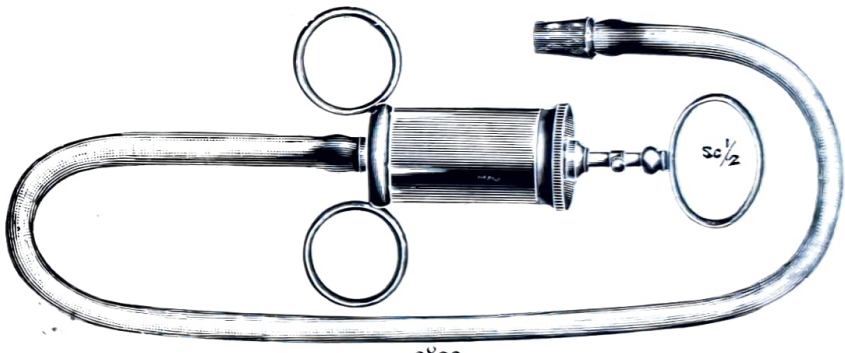


3800



3801

No.	**Knives or Myringotomes**—*continued.*	£	*s.*	*d.*
3800	Politzer's, angular	0	5	6
3801	**Masseur,** with hand motor to attach to table	2	0	0



3802

3802	**Masseur, Delstanche's**	0	7	6

Masseurs are recommended for chronic non-suppurative diseases of the nose and middle ear, both adhesive and sclerotic. The piston thrust must not exceed ⅛ in

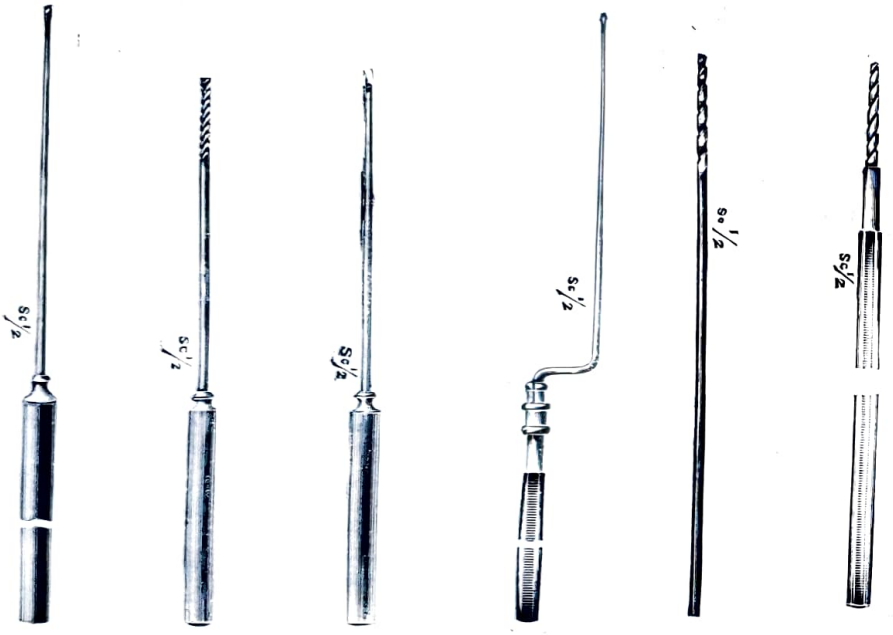
3803 3805 3806 3807



3809 3810 3811 3812

Ear Instruments—*continued.*

No.		£	s.	d.
	Politzerisers, etc.—			
3803	Allen's, with double nasal pad	0	6	6
3804	Cumberbatch's	0	6	6
3805	Dundas Grant's, for self use	0	1	6
3806	Gardiner Browne's, with india-rubber nose plug	0	4	6
3807	Mark Hovell's, 10 oz., with long tube	0	6	9
3808	Lennox Browne's	0	4	6
3809	Do. do. with metal Eustachian catheter and mount	0	8	3
3810	Politzer's, with vulcanite Eustachian catheter and india-rubber tube	0	5	6
3811	Politzer's, with india-rubber nose teat, for self use	0	5	0
3812	Macnaughton Jones's	0	8	9



3813 3815 3816 3817 3818 3819

Probes—

3813	Heath's (Charles), silver, with cylindrical metal handle	0	3	6
3814	Do. do. plated, flexible, with cylindrical metal handle	0	2	6
3815	Do. do. steel, with screw end for wool, 3 sizes, 5 in., 7 in. and 8 in., each	0	2	0
		0	3	0
3816	Do. do. with cork-screw end	0	4	6
3817	Do. do. crank bent, flexible	0	1	6
3818	Longfield's, with spiral end	0	2	6
3819	Do. do. with fluted handle			



3820



3821 3822



3823

3820	Lucae's, with spring in handle	0	8	0
	This is an instrument for the application of direct and intermittent pressure to the short end of the malleus in cases in which the handle has become more or less fixed and limited in action.			
3821	Pinion handle, with serrated end for wool	0	4	6
3822	Silver, with loop handle	0	1	6
3823	Soft copper, plated, with bent handle, Jobson Horne's	0	2	6

Ear Instruments—*continued.*



3824

No.	**Probes**—*continued.*	£	*s.*	*d.*
3824	Whalebone, with screw end, for application of dressings	0	1	0



3825



3826

Scissors—

3825	"Crocodile," long, angular											0	12	6
3826	Do. curved											0	10	6



3827



3828



3829

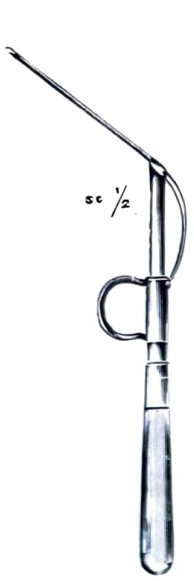


3830

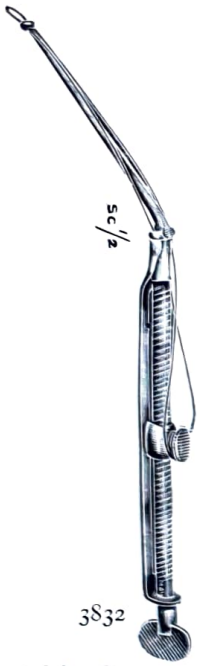
Scoops (*see also* **Curettes**, *page* 76)—

3827	Fenestrated, with pinion wire handle											0	5	0
3828	With wool-holder											0	5	6
3829	With cork-screw											0	7	6
3830	With rectangular hook											0	7	0

Ear Instruments—*continued.*



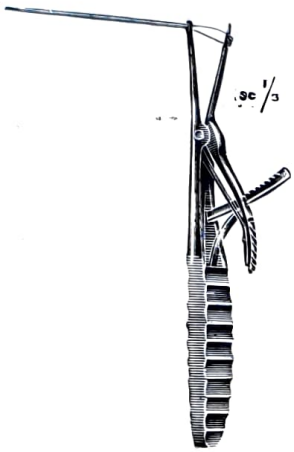
3831



3832



3833



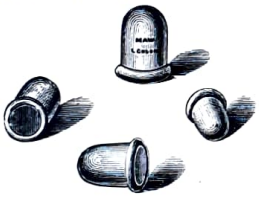
3834

No.		£	*s.*	*d.*
	Snares, with metal handles—			
3831	Baber's	0	10	6
3832	Cumberbatch's	0	18	9
3833	Heath's (Charles)	1	3	0
3834	Keen's	0	13	6

(For other Snares, see pages 109 and 110.)



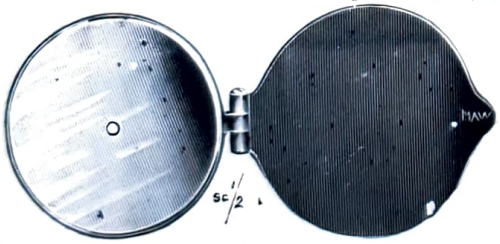
3835



3836

Sound Deadeners—

3835	Macnaughton Jones's, celluloid, 4 sizes... ... ... per doz.	0	8	0
3836	Ward Cousins's india-rubber, 4 sizes ... ...per doz., 5/6, 4/6, 4/– and	0	3	9



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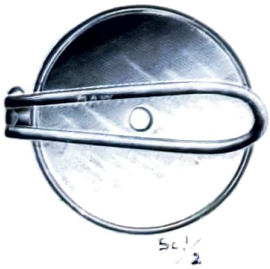


3838



3840

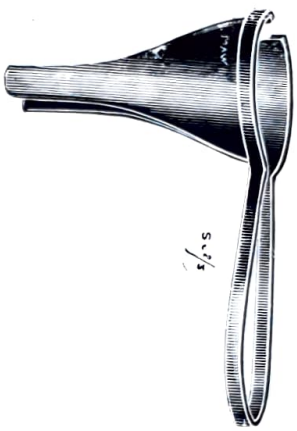
Reflecting Mirrors—

3837	With folding flap, for pocket use	0	7	6
3838	With folding wire handle	0	6	6
3839	With head band and handle in addition, diameter 3½ in. ...	0	18	0
3840	Troeltsch's, with fluted handle	0	9	6

Ear Instruments—*continued.*



3841



3842



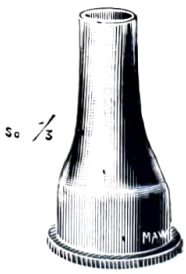
3843

No.	**Specula, Dilating—**	£	*s.*	*d.*
3841	Avery's	0	7	6
3842	Stewart's	0	7	0
3843	Woakes's	0	7	6



3844

3844	Kramer's, with fluted handles	0	9	0



3845



3847

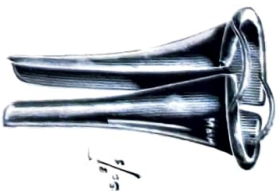


3848

	Specula, Tubular—			
3845	Ballance's, plated	0	5	0
3846	Cumberbatch's, set of 3, plated	0	9	6
3847	Gruber's, set of 3	0	7	6
3848	Heath's (Charles), set of 3	0	10	6



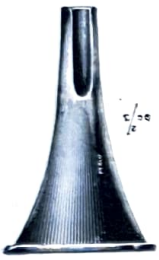
3849



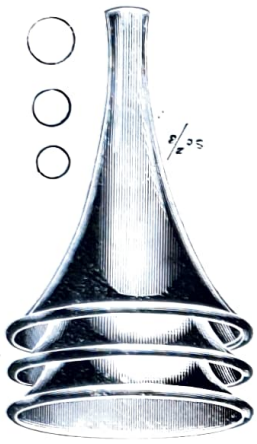
3850

3849	Politzer's, vulcanite, set of 4	0	3	0
3850	Spring speculum, plated	0	5	6

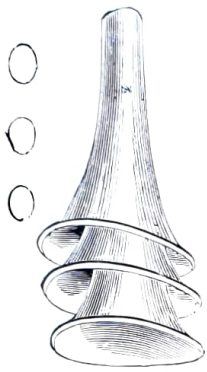
Ear Instruments—*continued.*



3851

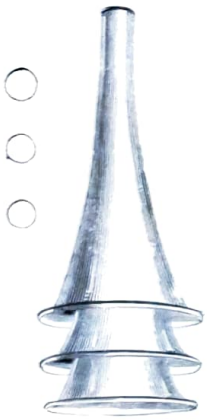


3852

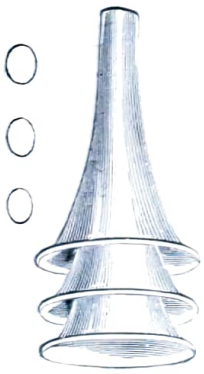


3853

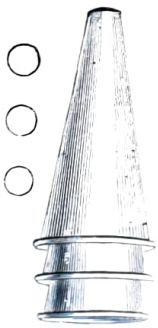
No.	**Specula, Tubular**—*continued.*	£	*s.*	*d.*
3851	Pritchard's, silver, for operating, one size only	0	8	6
3852	Do. for examination, set of 3	0	12	6
3853	Toynbee's, set of 3	0	9	0



3854

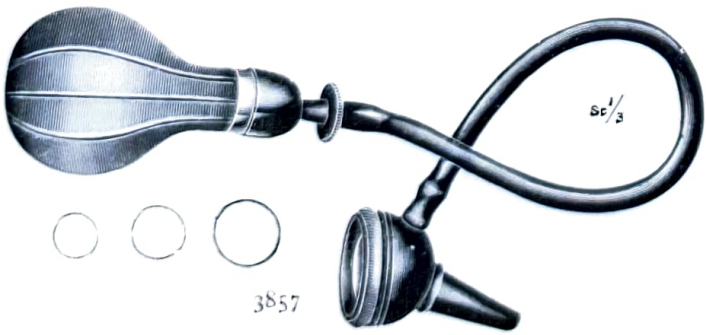


3855



3856

3854	Turner's, set of 3	0	9	0
3855	Yearsley's, set of 3...	0	9	0
3856	Wylde's, set of 3	0	7	6

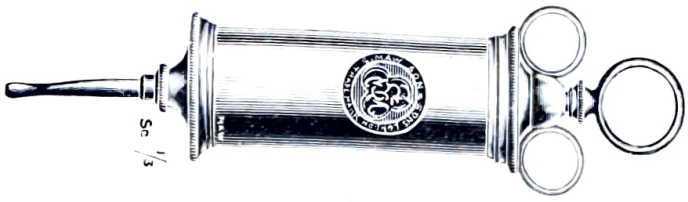


3857

Speculum, Pneumatic—

3857	Siegle's, for testing the mobility of the tympanic membrane	0	15	0

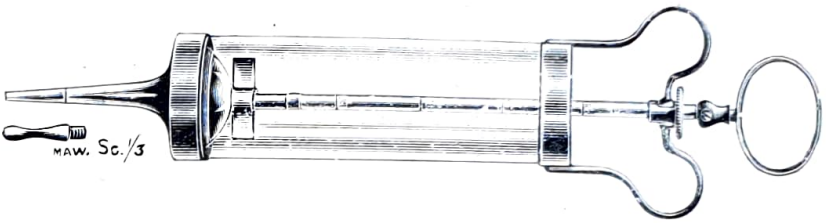
Ear Instruments—*continued.*



3858

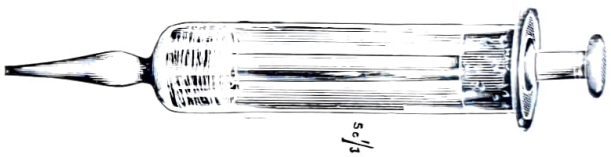
No. **Syringes—** *£ s. d.*

3858 Brass, with 3 rings, 4 sizes ... each, 1 oz., 6/6; 2 oz., 7/-; 3 oz., 8 6; 4 oz. 0 9 0



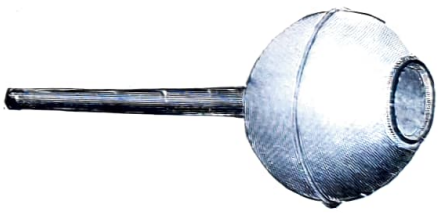
3859

3859 Janet's, with nickel plated skeleton frame, with india-rubber piston, 3 sizes, each, 1 oz., 6/6; 2 oz., 7/6; 4 oz. 0 9 0



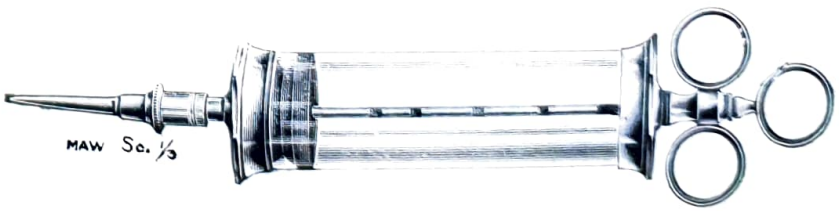
3860

3860 Heath's, glass, for use with one hand ... ... per doz. 0 10 0



3861

3861 India-rubber, with long pipe, moulded ... ... per doz., 1 oz., 8/6; 2 oz. 0 16 0



3862

3862 Metal and glass, with leather piston, 2 sizes ... ... each, 2 oz., 7 3; 4 oz. 0 9 0



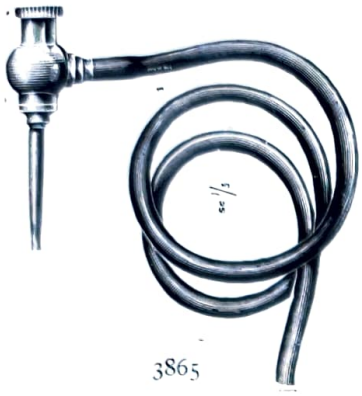
3863

3863 Solid metal, with 2 pipes and metal piston, 3 sizes, each, 1 oz., 9/-; 2 oz., 9 9; 4 oz. 0 11 6

Ear Instruments—*continued.*

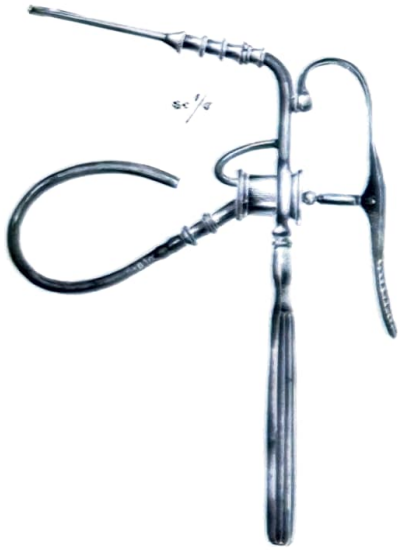


3864



3865

No.		*£*	*s.*	*d.*
	Syringe Pipes, for rapid filling—			
3864	Heath's (Charles) with branch tap ... ... brass, 6/6 ; nickel plated	0	7	0
3865	Valved, with side branch ... ... ,, 6/6 : ,,	0	7	0



3867



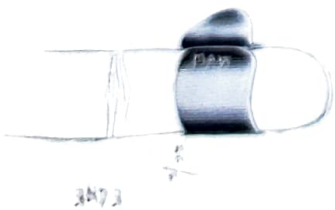
3868



3870

3872

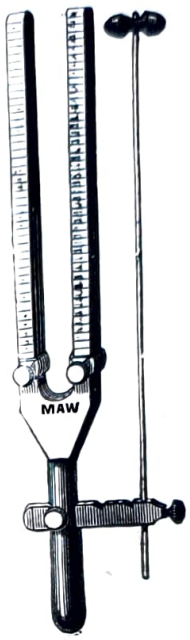
	Syringes, Intra-tympanic—			
3866	Blake's, with two pipes in case	0	18	0
3867	Delstanche's	2	2	0
	Tympana, Artificial—			
3868	Cousins's, paper with probe-forceps for introducing and extracting, per box of 3 doz.	0	2	6
3869	Do. without probe-forceps ... ... ,, 3 ,,	0	1	6
3870	Toynbee's, india-rubber ... ... per doz.	0	11	6
3871	Yearsley's, wool ... ... per box of 1 doz.	0	1	0
3872	**Tympanic Punch**, Heath's (Charles), for enlarging the opening in the tympanic membrane	2	5	0



3873

3873	**Tragus Retractor** (Haber's), for use on middle finger	0	2	6

Ear Instruments—*continued.*



3874



3875



3876



3877

No.		*£*	*s.*	*d.*
	Tuning Forks—			
3874	Blake's, with spring hammer	0	19	0
3875	Gardiner Browne's, in 4 octaves, C1, C2, C3, or C4 ... ... each	0	7	6
3876	Politzer's, C	0	11	6
3877	Ordinary pattern, blue steel	0	1	0

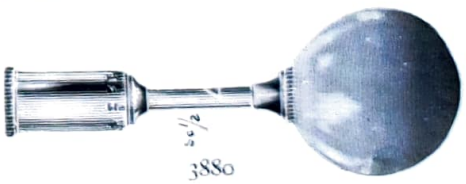


3878



3879

	Wax Extractors—				
3878	Hovell's	0	5	6
3879	Jobson Horne's, with wool holder	0	3	6

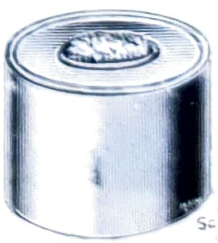


3880

3880	**Whistle,** Galton's	0	12	6



3881



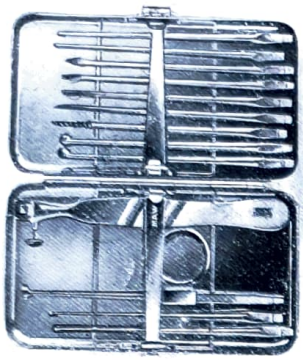
3882



3883

3881	**Wells,** Heath's (Charles'), constructed of stout glass, for standing probes in cocaine, etc. ... ... each	0	1	6
	Wool Boxes—			
3882	For clean wool, with spring bottom	0	3	3
3883	For used wool	0	3	3

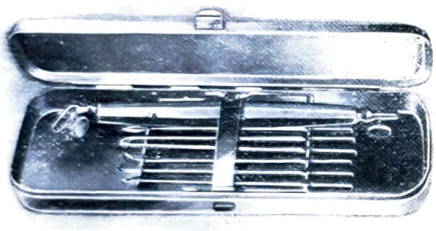
Ear Instruments—*continued.*



3884

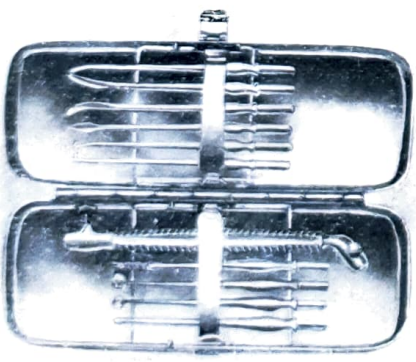
Sets of Ear Instruments—

No.		£ s. d.
3884	Gruber's set of 12 instruments, including snare, all fitting one handle, in aseptic metal case	3 0 0



3885

3885	Hartman's set of 6 instruments, fitting one handle, in aseptic metal case	1 17 6



3886

3886	Politzer's set of 10 instruments, fitting one handle, in aseptic metal case	2 10 0
3887	Do. set of 2 curettes only, with one handle	0 9 6

MASTOID INSTRUMENTS.



3888



3889

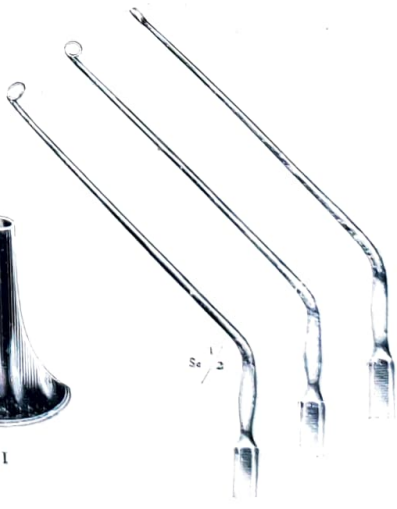


3890

No.		£	s.	d.
	Antral Guides, with metal handles—			
3888	Lake's	0	6	0
3889	Staecke's	0	4	6
3890	**Antral Probe,** Dundas Grant's	0	4	0
3890*a*	Do. do. double ended for localising the Antrum, Charles Heath's, 4 sizes, each	0	6	6



3891



3892



3893

3891	**Antral Speculum,** Heath's	0	9	0
3892	**Attic Curettes,** Lake's, set of 3	0	18	0
3893	**Attic Sliding Punch or Osteotome,** Krause's, as recommended by Lake	1	10	0

Mastoid Instruments—*continued.*



3894



3895



3896

No.			*£*	*s.*	*d.*
	Burs—				
3894	In metal handle, 2 sizes, $\frac{1}{4}$-in. and $\frac{3}{8}$-in.	each	0	4	6
3895	Heath's, with cross-handle, 4 sizes, each straight and curved, fitting one handle	,,	3	8	6
	A half set of the above burs can be supplied for 38/6.				
3896	Macewen's, for use with dental engine or motor, 4 sizes	per set	0	10	0



3897



3898

Chisels, solid forged—

3897	Fluted, with rounded head, 3 sizes, $\frac{1}{4}$-in., $\frac{5}{16}$-in. and $\frac{3}{8}$-in.	each	0	5	0
3898	Plain, with square head, 3 sizes, $\frac{5}{16}$-in., $\frac{1}{4}$-in. and $\frac{3}{16}$-in.	,,	0	3	6



3898*a*

3898*a*	Macewen's		0	2	6



3899

Drills—

3899	Buck's, set of 3 (including rose-head), with cross-handle		1	0	0

Mastoid Instruments—*continued.*



3900



3901

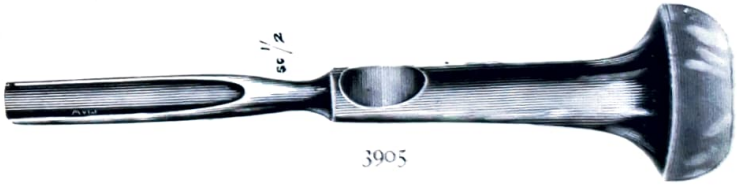


3902

No.	**Forceps, Nibbling**—	£	*s.*	*d.*
3900	Hartman's	0	10	6
3901	Heath's (Charles)	0	14	0
3902	Jansen's	0	15	0
3903	McKeown's	0	10	6

These forceps are used for cutting away the small layer of bone which bridges over the aditus between the antrum and middle ear.

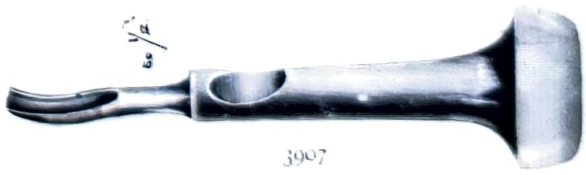
3904	**Gold Leaves,** for covering skin grafts ... ... each	0	2	6



3905



3906



3907



3908

Gouges—

3905	Ballance's, with large head, long	0	6	0
3906	Do. do. short	0	6	0
3907	Do. do. curved	0	6	0
3908	Do. straight, with small head, for use with mallet, 3 sizes ... each	0	5	0

Mastoid Instruments—*continued.*



No. **Gouges**—*continued.*

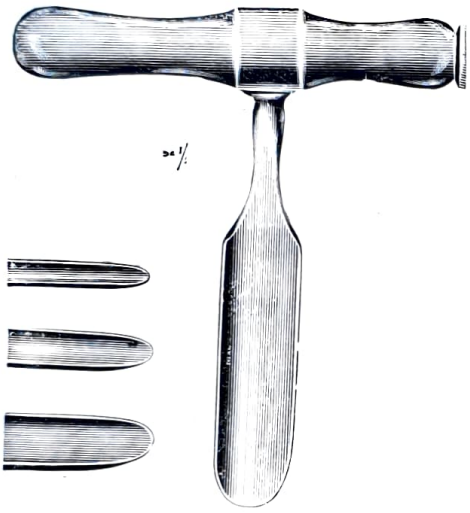
		£	s.	d.
3909	Horsley's, with rounded head	0	6	0



3910	Heath's (Charles), with fluted handles, 3 sizes, 5 m/m., 6 m/m., 7 m/m., each	0	7	6

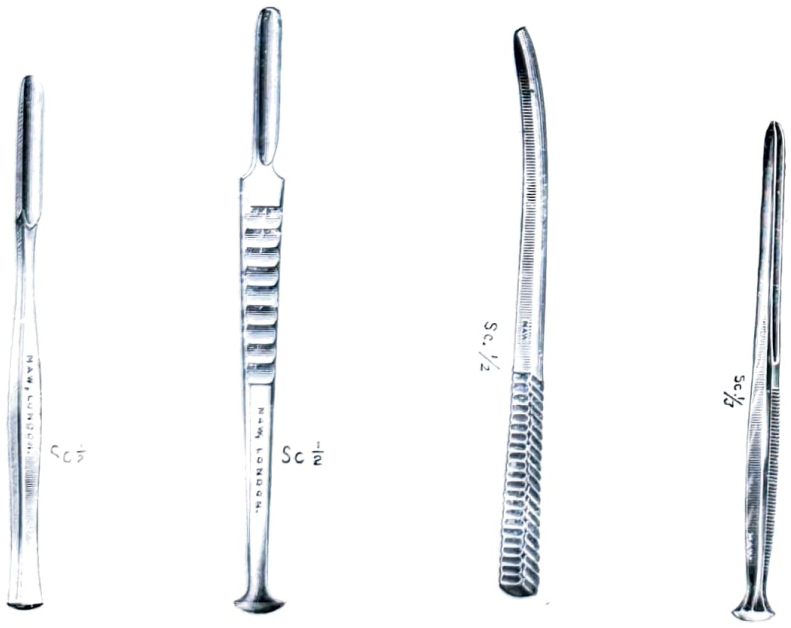


3911



3912

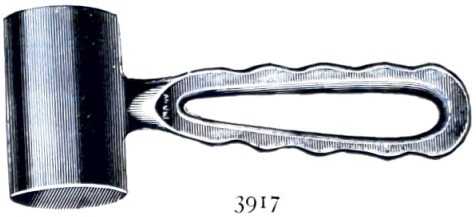
3911	Heath's (Charles), for softened bone with adjustable guard and German silver handle	1	2	0
3912	Lake's, set of 4 fitting one handle	0	19	6



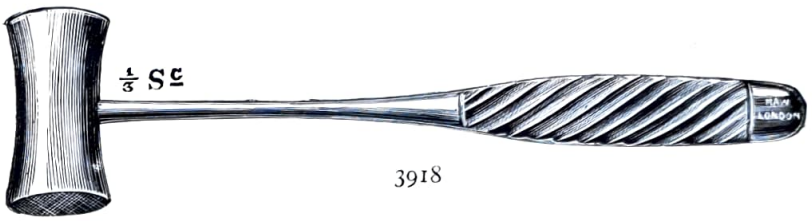
3913 3914 3915 3916

3913	Square shaft and flat head, 4 sizes	0	3	6
3914	Fluted shaft and rounded head, 4 sizes	0	5	0
3915	Staecke's, curved, 3 sizes	0	4	6
3916	Waring's	0	4	6

Mastoid Instruments—*continued.*

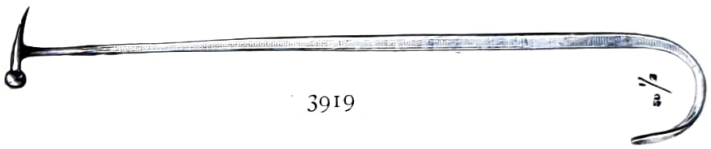


3917



3918

No.		*£*	*s.*	*d.*
	Hammers—			
3917	Heath's (Charles), solid copper, silver plated	0	14	0
3918	Steel, lead faced, with fluted handle, nickel plated	0	9	6



3919

3919	**Hook and Chipper,** Buck's	0	6	6



3920



3921

	Ossicle Hook—			
3920	Macewen's, solid forged	0	4	0
3921	Do. double ended	0	6	0



3922

	Probes—			
3922	Heath's, with cylindrical handle, silver plated	0	2	6

(For other Probes, see page 82.)



3923



3924

	Retractors—			
3923	Macewen's, solid forged ... ... each	0	9	0
3924	Max Thorner's ... ... per pair	0	6	6

(For other Retractors, see pages 28 and 29.)



3925



3926

	Scoops, solid forged—			
3925	Ballance's, double, with fluted shaft	0	7	6
3926	Heath's (Charles), straight	0	7	6
3927	Do. rectangular	0	7	6

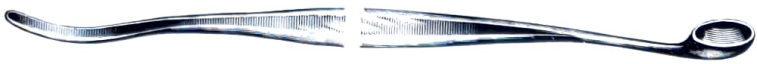
Mastoid Instruments—*continued.*



3928



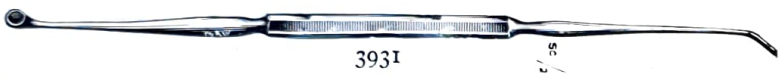
3929



3930

No.		£	*s.*	*d.*
	Scoops, solid forged—*continued.*			
3928	Lake's, with probe	0	4	0
3929	Do. with seeker	0	4	0
3930	Do. with elevator	0	3	6

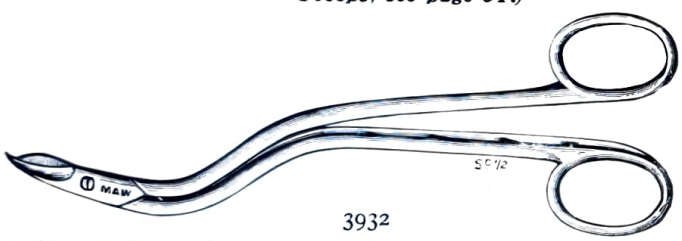
USE OF THE ELEVATOR.—Having carefully defined the posterior and superior edges of the bony meatus the surgeon separates the upper and posterior parts of the cartilaginous meatus from the bony by means of a small elevator.



3931

3931 Macewen's, with seeker 0 6 6

(For other Scoops, see page 31.)



3932

3932 **Scissors,** Heath's (Charles), for removing sutures 0 7 6



3933

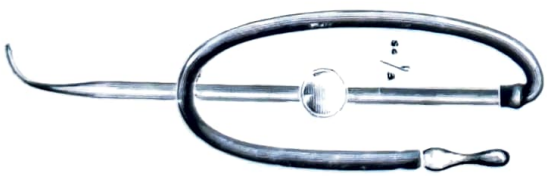
Skin Graft Instruments—

3933 Ballance's Lifter, 3 sizes, $1\frac{7}{8}$ in., $1\frac{5}{16}$ in. and $\frac{7}{16}$ in. ... ... each 0 7 6



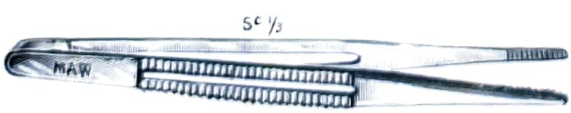
3934

3934 Ballance's Plugger, 2 sizes ... ... each 0 5 0
3935 Needles for straightening out the skin graft ... ... „ 0 3 6



3936

3936 Suction Tube for withdrawing blood and air from beneath the graft, in leather case 0 5 3



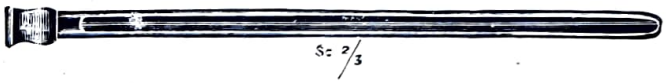
3937

3937 **Swab-holding Forceps,** Heath's (Charles), German silver 0 8 0

INSTRUMENTS FOR OPERATIONS ON THE NOSE AND NASO-PHARYNX.



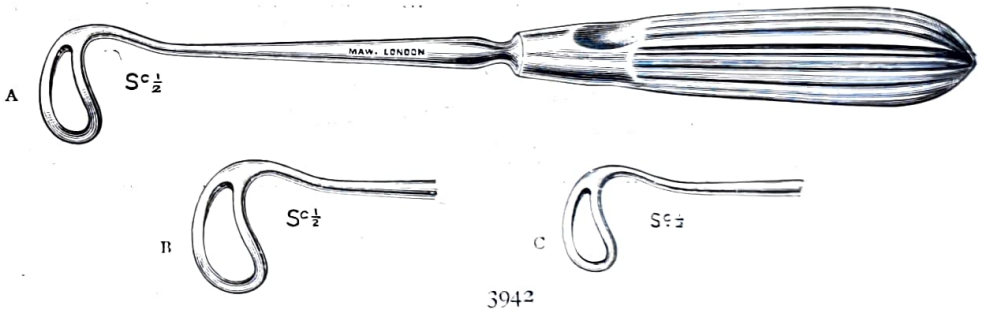
3938



3939

No.		*£*	*s.*	*d.*
	Bougies—			
3938	Mackenzie's, oval, elastic gum, 6 sizes ... ... each	0	1	0
3939	Stoker's, grooved, elastic gum, 6 sizes ... ... ,,	0	1	6
3940	Do. Macnaughton Jones's modification, lined with soft metal ... ,,	0	2	6
3941	**Caps,** red india-rubber, for protecting the hair during operations on the Naso-Pharynx, etc., 3 sizes ... ... each 1/2, 1/3 and	0	1	4

Cauteries, galvanic *(see pages* 379 *to* 381*).*



3942

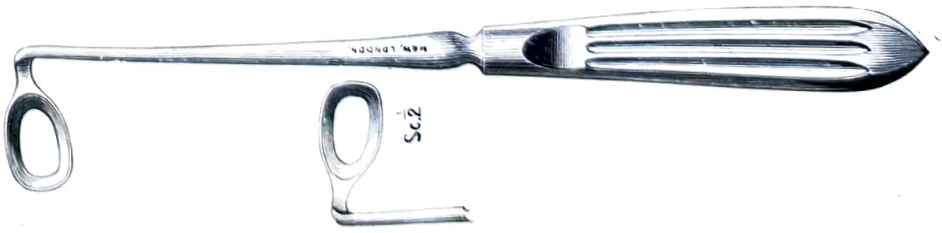
Curettes, for the removal of Adenoid Growths, etc.—

3942	Gottstein's, 3 sizes, A, B and C ... ... each	0	7	6



3943

3943	Gottstein's, rectangular, 3 sizes, handles as No. 3942 ... ... each	0	7	6



3944

3944	Ballance's, curved, right and left ... ... each	0	8	0

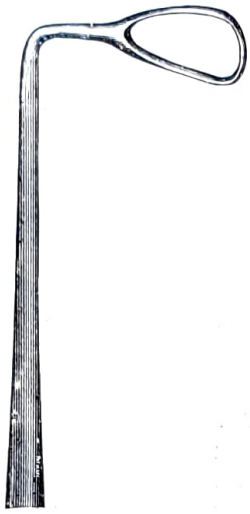
Instruments for Operations on the Nose and Naso-pharynx—*continued.*



3945



3946



3947

No.	**Curettes**, for the removal of Adenoid Growths, &c.—*continued.*	£	s.	d.
3945	Beckman's, 3 sizes, $\frac{3}{4}$ in., $\frac{7}{8}$ in., and 1 in.; handles as No. 3942 ... each	0	8	6
3946	Delstanche's, with cup, 3 sizes, handles as No. 3942 ... ... ,,	0	18	0
3947	Hartman's, $\frac{1}{2}$ in. wide, handles as No. 3942 ... ... ,,	0	7	6



3948

3948	Golding Bird's	0	9	6



3949



3950

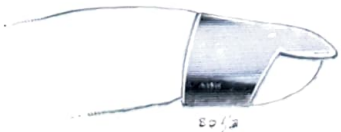


3951

3949	Kirstein's, handle as No. 3942	0	7	6
3950	Mackay McDonald's, handle as No. 3942	0	18	0
3951	Meyer's, ring knife, with flat handle	0	7	6



3952

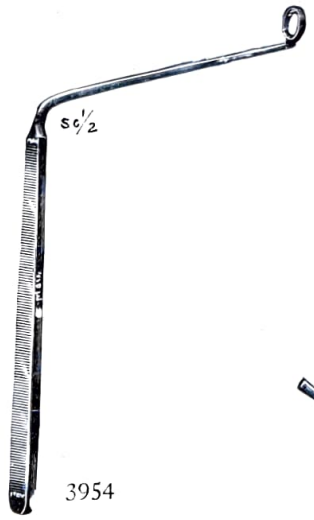


3953

Curettes, for use on Finger—

3952	Dalby's	0	4	6
3953	Haslam's	0	3	6

Instruments for Operations on the Nose and Naso-pharynx—*continued.*



3954



3955

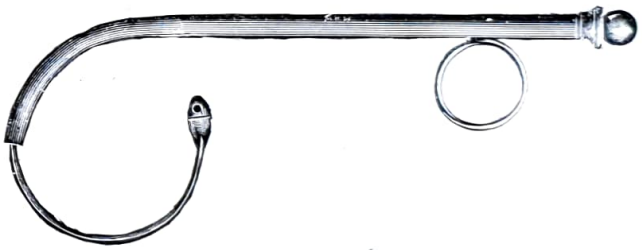


3956



3957

No.		£	s.	d.
3954	**Curette, Ethmoidal,** Lake's	0	7	6
3955	**Curette, Pharyngeal,** Bronner's...	0	8	6
	Douches *(see page* 487).			
	Drainage Tubes, silver, with stilettes—			
3956	For Ethmoidal Sinus	0	7	0
3957	For Frontal Sinus	0	7	0
3958	For Sphenoidal Sinus	0	7	0

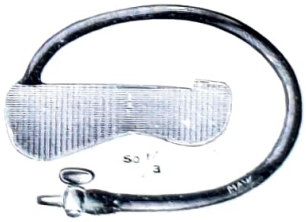


3959–60

	Epistaxis Canulæ—			
3959	Bellocq's, silver	0	6	6
3960	Do. plated	0	4	0



3961



3962



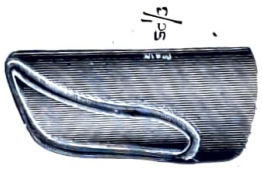
3964



3963

	Epistaxis Plugs, india-rubber—			
3961	Cooper Rose's, with inflator	0	5	0
3962	Howard's, with inflator	0	6	0
3963	Keene's, with inflator	0	6	0
3964	Inflator, as supplied with the above	0	2	3

Instruments for Operations on the Nose and Naso-pharynx—*continued.*

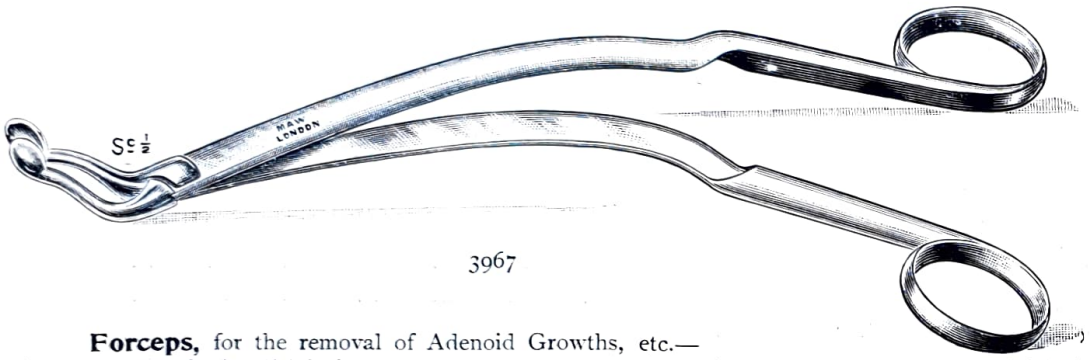


3965



3966

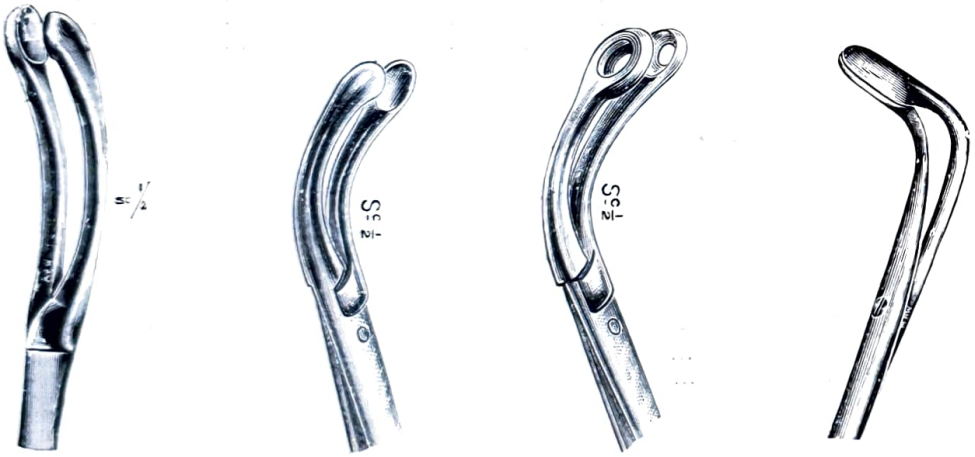
No.	**Finger Guards**—	£	*s.*	*d.*
3965	Hovell's, india-rubber	0	1	6
3966	Langenbeck's, metal	0	3	0



3967

Forceps, for the removal of Adenoid Growths, etc.—

3967	Woakes's, disjointing	0	14	6



3968 3969 3970 3971

3968	Bowlby's, disjointing	0	15	0
3969	Lowenberg's, disjointing	0	13	0
3970	Mark Hovell's, disjointing	0	14	6
3971	Symond's, disjointing	0	14	0

All the above have bow handle similar to No. 3967.



3972 3973

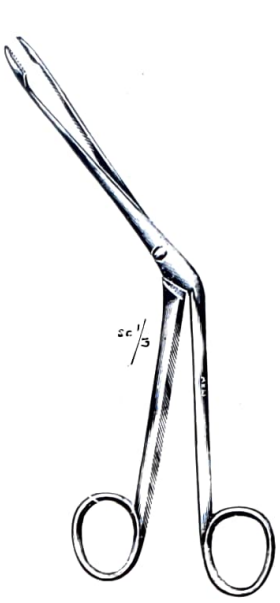
3972	Kelson's, disjointing	0	15	0
3973	St. Clair Thompson's, modification of Juracz's, disjointing	0	14	6



3974

3974	Walsham's, disjointing	0	16	0

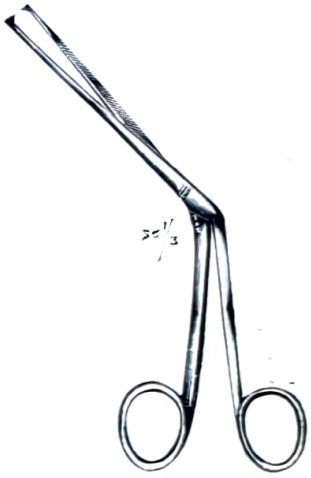
Instruments for Operations on the Nose and Naso-pharynx—*continued.*



3975



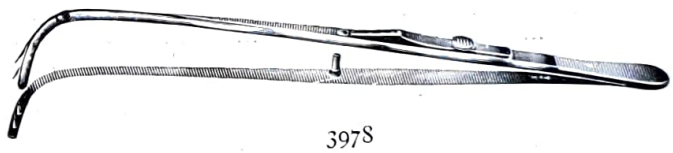
3976



3977

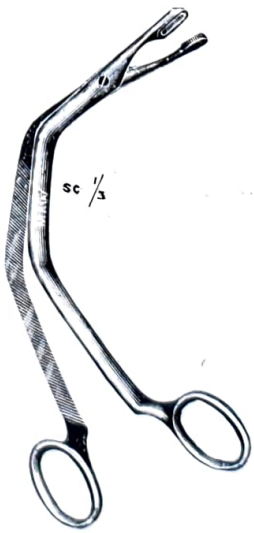
Forceps, for Dressing and Plugging—

No.		£	s.	d.
3975	Hartman's, disjointing	0	5	6
3976	Lubet-Barbon's, with long slender blades	0	5	6
3977	"Mouse-Teeth" points	0	7	6



3978

3978 Krause's, spring, for posterior Nares or Larynx, for holding sponge or wool 0 10 6



3979



3980

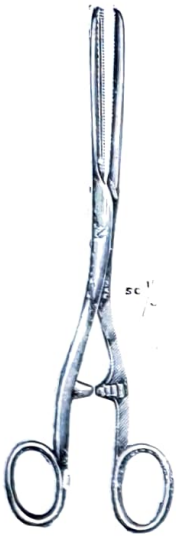


3981

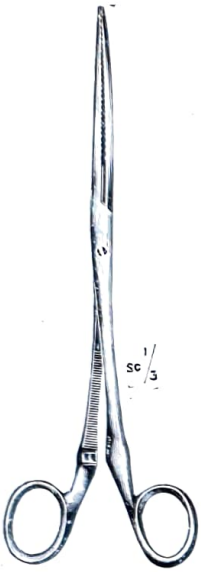
Forceps, for removing growths from the Turbinate, etc.—

3979				
3980	Charles Heath's, with handles removed from the line of sight ... ... each	1	11	6
3981	Grunwald's, 2 sizes	1	3	6
3982	Lermoyez's	0	14	6
	Woakes's			

Instruments for Operations on the Nose and Naso-pharynx—*continued.*



3983

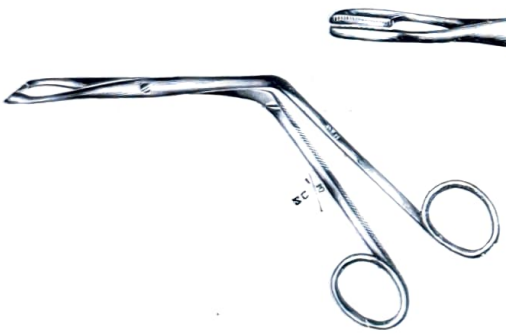


3985

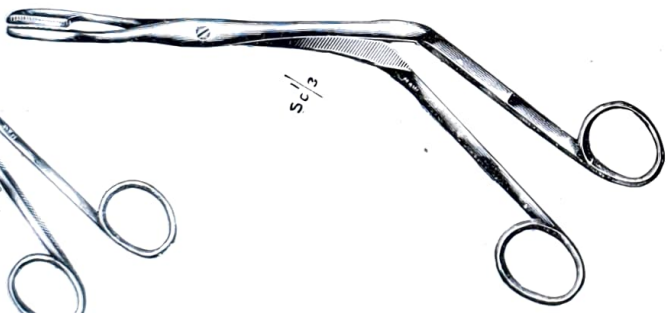


3987

No.		*£*	*s.*	*d.*
	Forceps, for the removal of Nasal Polypi—			
3983	Curved, strong, with screw joint	0	8	6
3984	Do. do. disjointing	0	9	6
3985	Do. with slender bowed blades, screw joint	0	7	6
3986	Do. do. do. do. disjointing	0	9	0
3987	Heath's (Charles)	0	7	6



3988



3989

3988	Heyman's, with cupped jaws	0	9	6
3989	Ruault's	0	9	6



3990

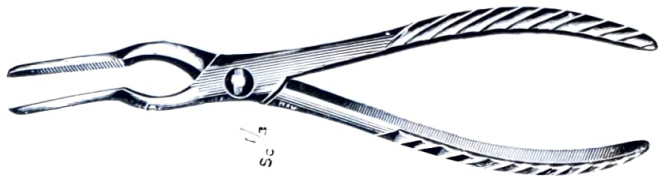


3991

Forceps, for punching the Septum—

3990	Rupprecht's	0	15	0
3991	Steele's, starring	0	15	0

Instruments for Operations on the Nose and Naso-pharynx—*continued.*



3994

No.		£	*s.*	*a.*
3994	**Forceps,** for straightening the Septum— Asch's, disjointing	0	12	6

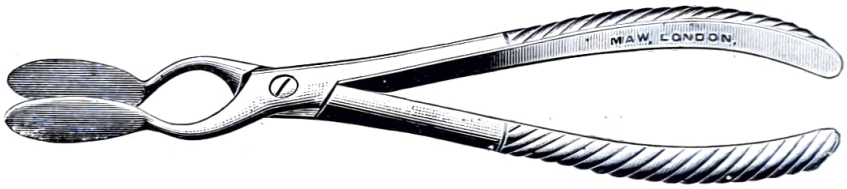


3995



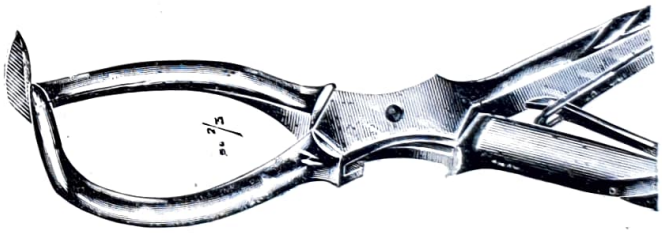
3996

3995	Adams's	0	10	0
3996	Smith's	0	14	6

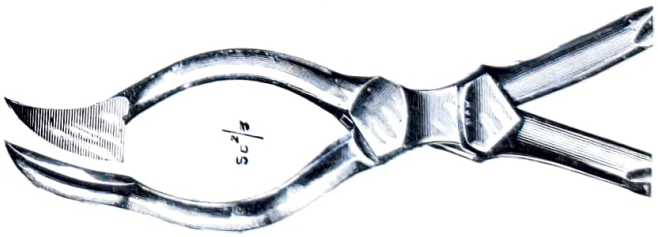


3997

3997	Walsham's, with screw joint	0	10	6
3998	Do. disjointing	0	12	0



3999



4000

Forceps, for cutting the Septum—

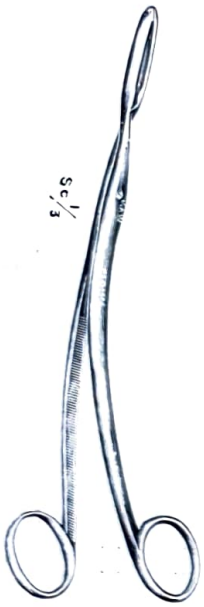
3999	Asch's, angular, right or left, disjointing ... ... each	1	1	0
4000	Do. straight, disjointing	0	16	6
4001	Moure's, with bow handles	0	18	6



4001a

4001a	**Frontal Sinus Probe,** Charles Heath's, with adjustable handle	0	5	0

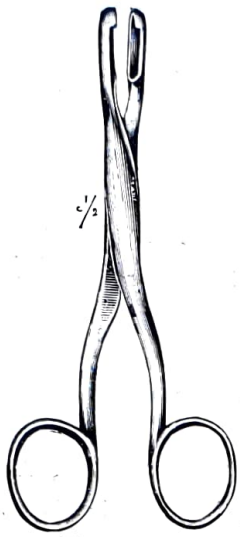
Instruments for Operations on the Nose and Naso-pharynx—*continued.*



4002

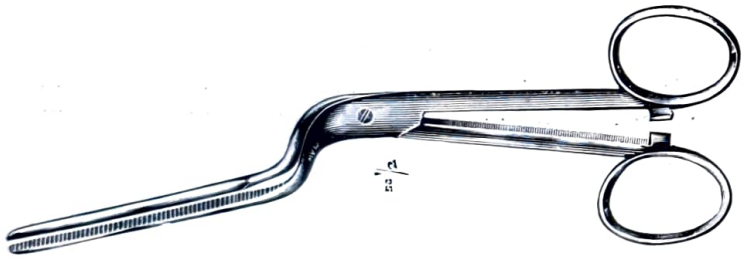


4003



4004

No.	**Forceps,** for Turbinate Bone—	£	*s.*	*d.*
4002	Doyen's, 3 sizes, $1\frac{5}{8}$ in., $1\frac{3}{8}$ in. and 1 in. blades ... ... each	0	15	0
4003	Do. curved	0	17	6
4004	Weir's, for punching	0	13	6



4005

4005	Woakes's, to act as guide for plough (*see* No. 4008), right or left	0	9	6



4006



4007



4008

Gouges—

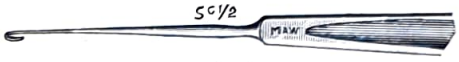
4006	Asch's, solid forged	0	6	0
4007	Macdonald's, set of 4 fitting one handle...	0	15	0
4008	Woakes's, plough shape, with metal handle, right or left ... ... each	0	6	6

Instruments for Operations on the Nose and Naso-pharynx—*continued*



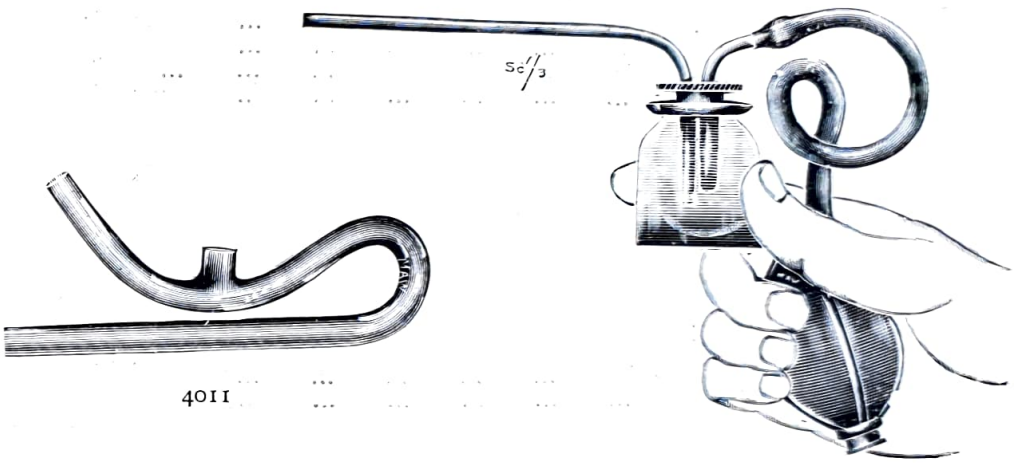
4009

No.		£	*s.*	*d.*
	Guillotine—			
4009	Lake's, for posterior end of the turbinate bone	1	0	0



4010

4010	**Hook,** Baber's, for securing polypi whilst the snare wire is being passed	0	4	6



4011 4012

	Insufflators—			
4011	Bryant's, for self-use, glass	0	2	0
4012	McIlraith's, for use with one hand	0	6	6

(*For other Insufflators, see pages 484 and 485.*)



4013

4013	**Knife,** Heath's	0	7	6

Lamps, for Trans-illumination of Maxillary Antrum, Frontal Sinus, etc. (*see page* 114).



4014



4015

	Palate Levers—			
4014	Hovell's, silver, adjustable, with metal handle	0	7	9
4015	White's, with silver loop	0	9	6

Instruments for Operations on the Nose and Naso-pharynx—*continued.*



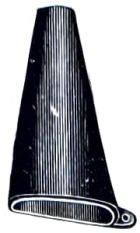
4016



4017

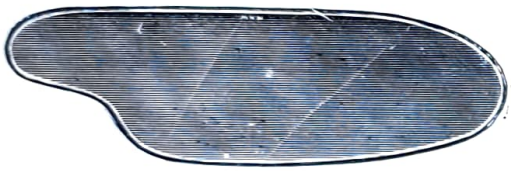


4018



4019

No.	**Plugs and Splints,** for use after operations on the Septum—			*£*	*s.*	*d.*
4016	Adams's, ivory	per pair		0	3	6
4017	Asch's, celluloid, 5 sizes	,,		0	3	6
4018	Macnaughton Jones's, adjustable, nickel plated	...	each	0	8	6
4019	Walsham's, vulcanite	per pair		0	3	6

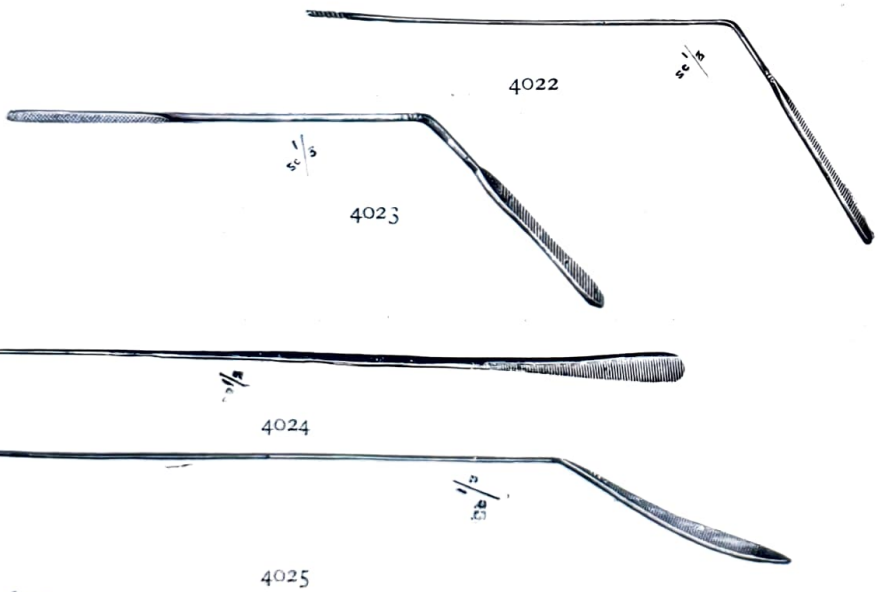


4020



4021

4020	India-rubber, Lake's, 8 sizes	per pair	0	2	0
4021	Spring, celluloid, 5 sizes	,,	0	2	0





4026

Probes—

4022	Baber's with screw end	0	1	6
4023	Barclay Barron's, for application of chromic acid	0	6	0
4024	Hartman's, straight, flexible	0	2	6
4025	Do. angular, as recommended by Jobson Horne	0	2	6
4026	Heath's, for wool, with cylindrical metal handle, 3 sizes, 5 in., 7 in. and 8 in., each	0	2	0

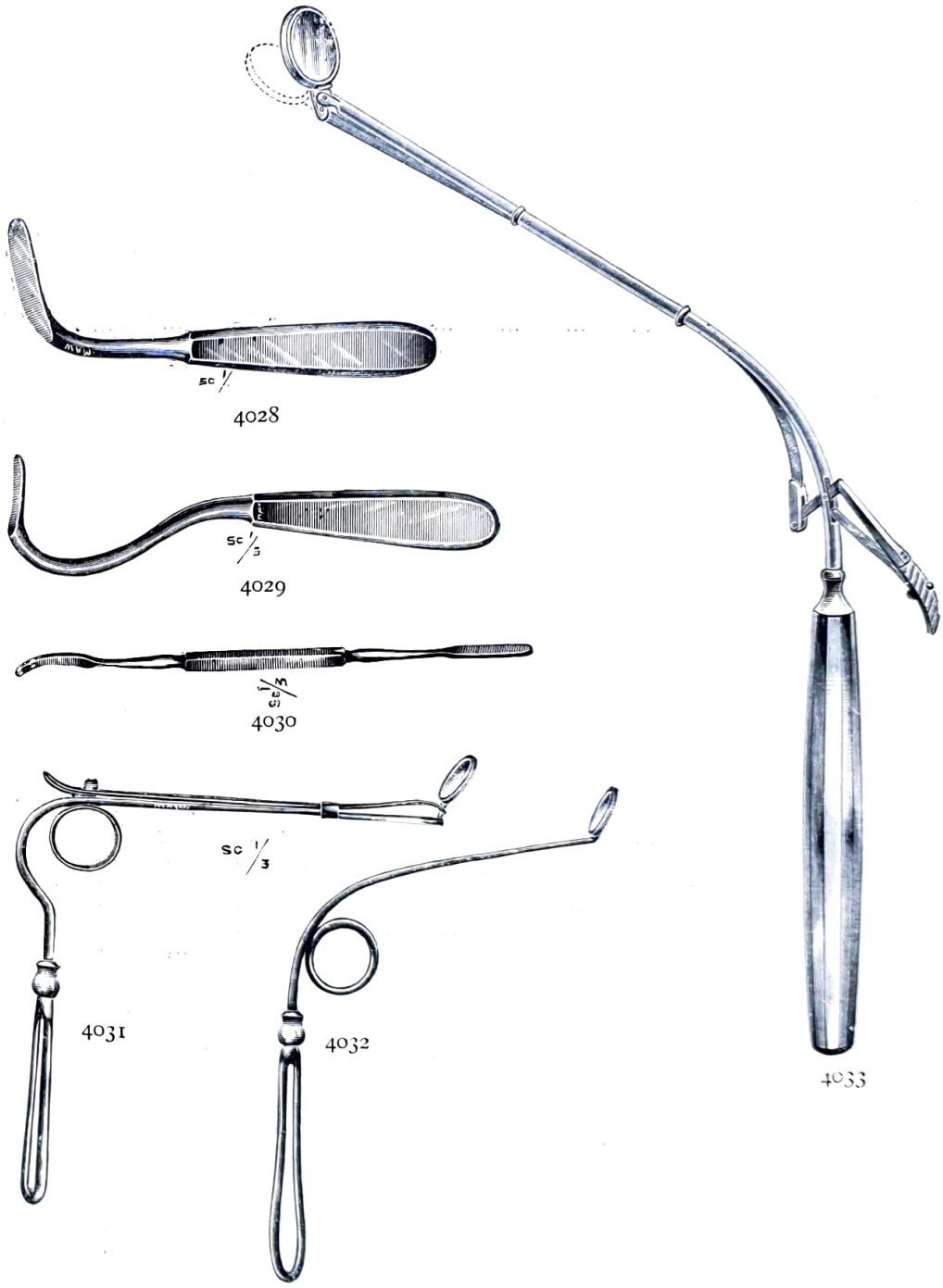


4027

Raspatories—

4027	Asch's, solid forged	0	5	6

Instruments for Operations on the Nose and Naso-pharynx—*continued.*



No.	**Raspatories**—*continued.*	£	*s.*	*d.*
4028	Doyen's, for detaching Post Nasal Polypi	0	10	6
4029	Do. do. do.	0	10	6
4030	Macdonald's, double	0	4	9
	Rhinoscopes—			
4031	Fränkel's	0	9	6
4032	Brun's	0	4	0
4033	Michel's, with revolving mirror, in leather case	0	12	6
4034	Do. with 3 mirrors, in leather case	1	6	6

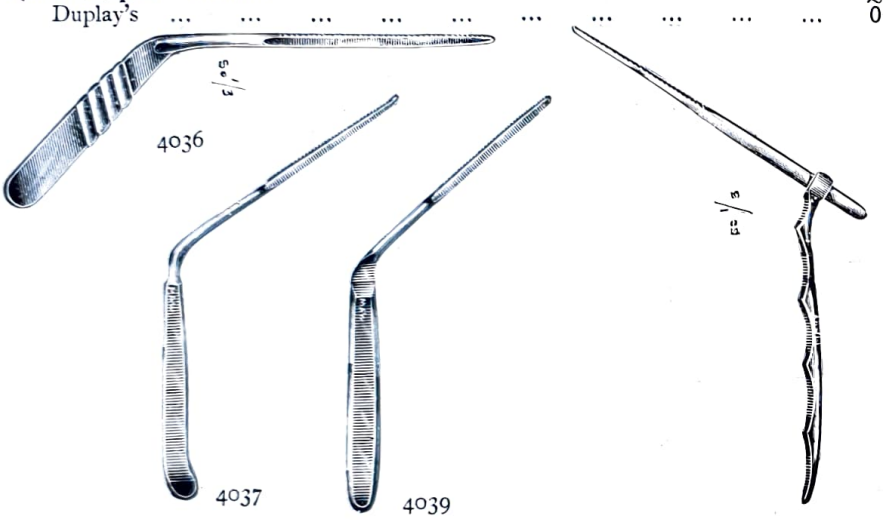
Instruments for Operations on the Nose and Naso-pharynx—*continued.*



4035

No. **Rhinoscopes**—*continued.* £ *s. d.*

4035 Duplay's 0 15 0



4036 4037 4039 4041

Saws, with metal handles—

4036 American pattern 0 7 6
4037 Bosworth's, to cut upwards 0 7 6
4038 Do. to cut downwards 0 7 6
4039 Woakes's, to cut upwards... ... ... 0 7 6
4040 Do. to cut downwards 0 8 6
4041 Reversible, for upward or downward cutting, in metal handle 0 8 6



4042



4043 4044

4042 Hunter Mackenzie's, to fix at any angle 0 12 6
4043 Baber's, straight 0 6 6
4044 Straight, with thin handle 0 3 0

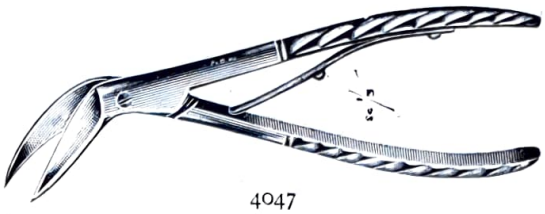


4045 4046

Scissors—

4045 Charles Heath's, angular 0 9 0
4046 Walsham's 0 18 9

Instruments for Operations on the Nose and Naso-pharynx—*continued.*

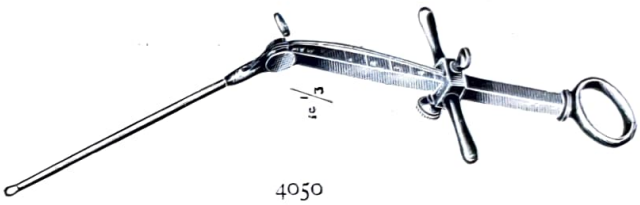


4047

No.	**Scissors**—*continued.*	£	*s.*	*d.*
4047	Woakes's, curved, right or left	0	15	6
4048	Do. angular	0	14	6

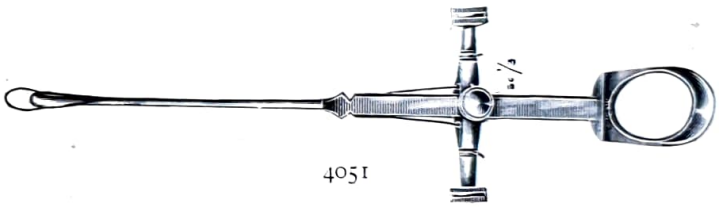


4049



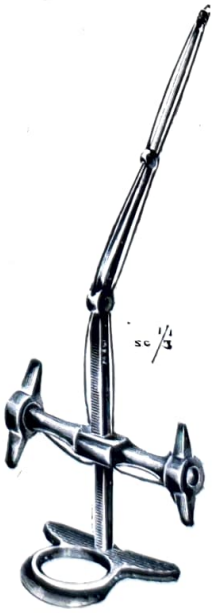
4050

4049	**Snare Loop,** Thorne's, for fixing on to the end of any snare, to prevent the wire from being drawn into the tube	0	2	6
	Snares—			
4050	Baber's, to set at any angle	1	7	6



4051

4051	Golding Bird's	0	18	6



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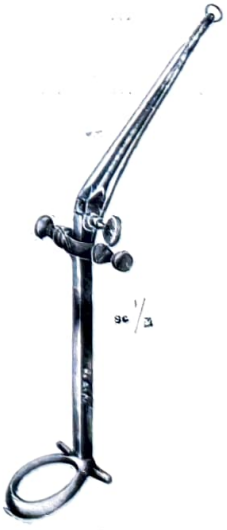


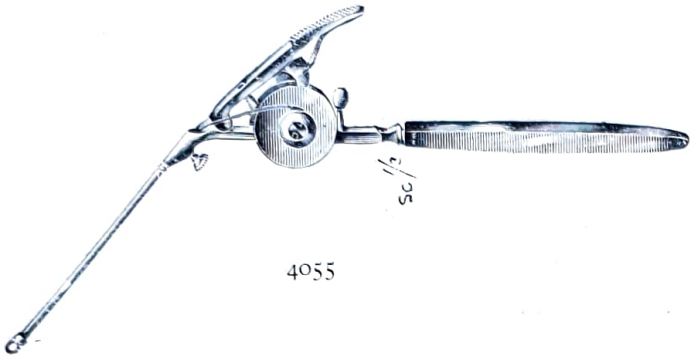
4053



4054

4052	Heath's (Charles	1	16	0
4053	Hilton's, to fix at any angle	1	1	0
4054	Hovell's, with rack	1	12	6

Instruments for Operations on the Nose and Naso-pharynx—*continued.*

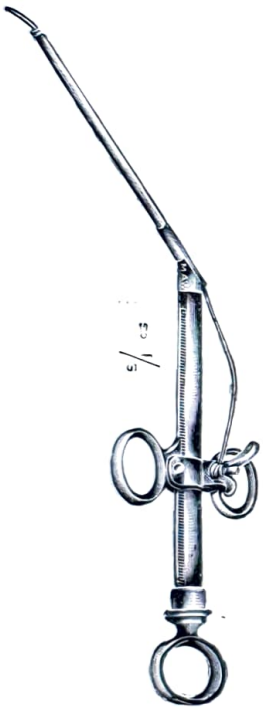


4055

No.	**Snares**—*continued.*	£	*s.*	*d.*
4055	Mackenzie's	1	7	6



4056

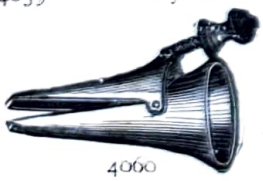


4058



4059

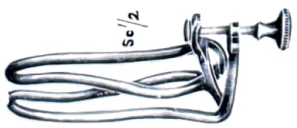
4056	Krause's	0	15	0
4057	Do. modified by Ballance, with spring to open loop	0	17	0
4058	Lack's, screw and slide action, with 2 ends	1	15	0
4059	Wylde's	0	12	6



4060



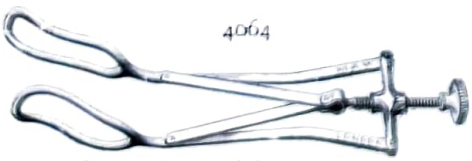
4061



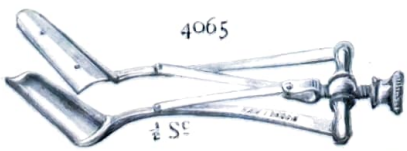
4062

Specula—

4060	Duplay's	0	5	6
4061	Do. fenestrated	0	6	6
4062	Do. wire	0	5	6



4064



4065

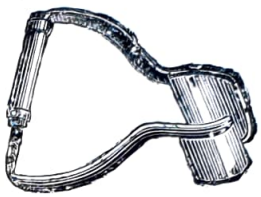
4063	Frankel's, straight	0	3	6
4064	Do. curved	0	3	6
4065	Do. with guarded blades for use with cautery	0	5	6

Instruments for Operations on the Nose and Naso-pharynx—*continued.*

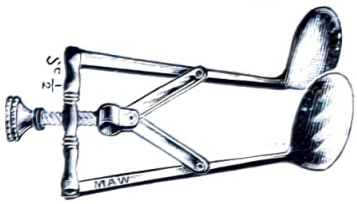


No. **Specula**—*continued.* 4066 *£ s. d.*

4066 Jobson Horne's modification of Hartman's 0 9 0



4067

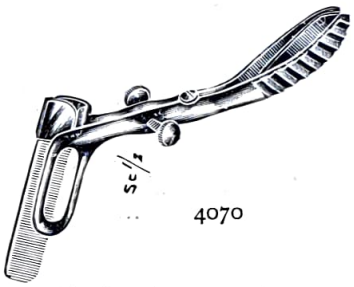


4069

4067 Lennox Browne's, with ivory or metal plates... ... ... 0 7 6

4068 Do. with revolving plates 0 7 6

4069 Lucas's modification of Fränkel's 0 7 6



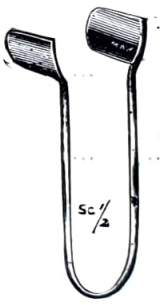
4070



4071

4070 Mackenzie's, with ivory plate, for use with cautery 0 7 6

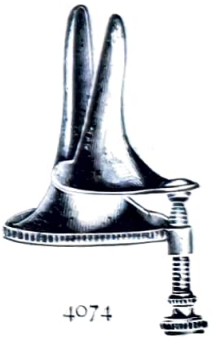
4071 Pilcher's 0 8 6



4072



4073

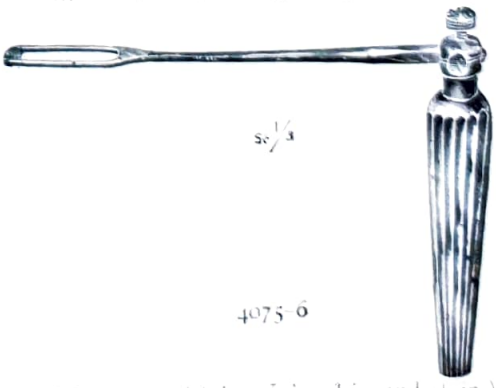


4074

4072 Thudichum's 0 3 0

4073 Wainwright's 0 3 0

4074 Voltolini's... ... ... 0 7 6



4075-6

Spokeshaves—

4075 Carmalt Jones's, with 4 blades (⅛ in., ⅛ in., ¼ in. and ½ in.) in leather case 2 13 0

4076 Do. with 2 blades, in leather case... ... ... 1 11 6

4077 Charles Heath's, with 2 stout blades, in leather case... ... ... 1 13 6

Instruments for Operations on the Nose and Naso-pharynx—*continued.*

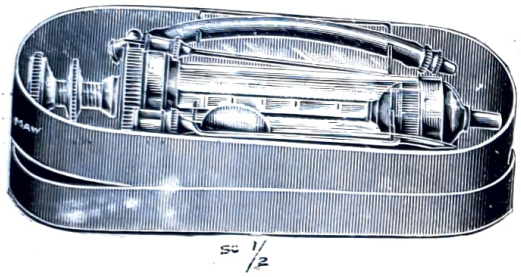


4078



4079

No.	**Spokeshaves**—*continued.*	£	*s.*	*d.*
4078	Middlemas Hunt's	0	8	0
4079	Moure's	0	9	0



4080

4080 **Syringe,** for the injection of paraffin wax beneath the skin, fitted with special needle for keeping the wax hot... ... ... 0 13 0



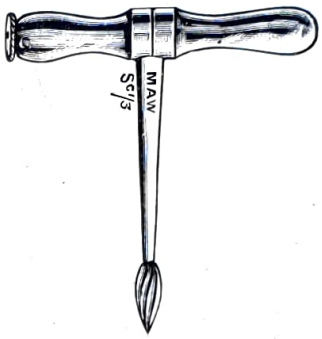
4081

Trephines—

4081 Bronner's, for removal of spurs, etc., with metal handle, 3 sizes ... each 0 13 6
(The trephine can be removed from handle and used with dental engine if desired).

4082 Curtis's, 3 sizes, to fit dental engine ... ... each 0 5 6

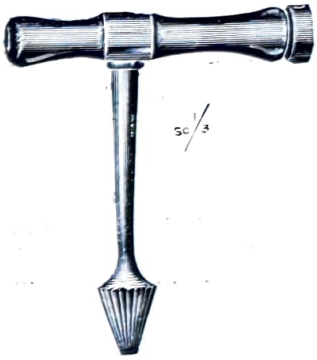
ANTRUM INSTRUMENTS.



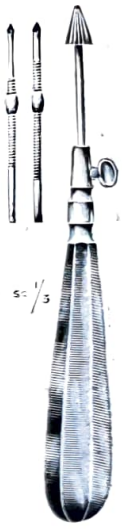
4083



4084

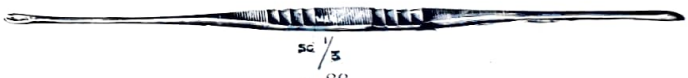


4086



4087

No.		£	*s.*	*d.*
	Broaches, with metal handles—			
4083	Creswell Baber's	0	11	6
4084	England's, 3 sizes ... ... each	0	7	6
4085	Do. with cross handle ... ... ,,	0	9	0
4086	Heath's, for enlarging the opening made by Perforator No. 4093	0	16	0
4087	Symonds's, set of 3 fitting one handle	0	15	0



4088

4088	**Curette**...	0	7	6



4089



4090

Drainage Tubes—

4089	India-rubber, Buck's	0	0	9
4090	Silver, Macdonald's, various sizes ... ... from 1 – to	0	3	0

Illumination Apparatus (*see page* 114).



4091

Knife, solid forged—

4091	Symonds's, for enlarging the opening made by drill...	0	6	0



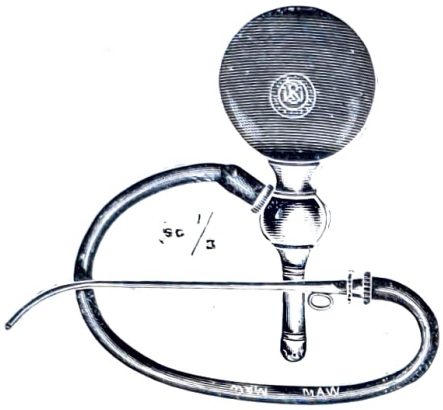
4093

	Perforators, in metal handles—			
4092	Brunton's, same as Heath's No. 4093, but smaller	0	6	6
4093	Heath's, for use in conjunction with Broach No. 4086	0	6	6
4094	**Plugs,** india-rubber, solid ... ... per doz.	0	9	0

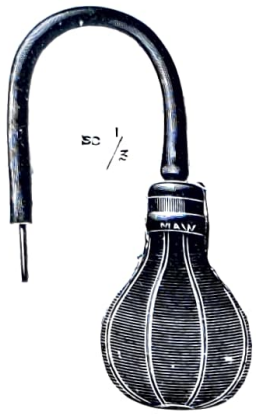
Antrum Instruments—*continued.*



4095



4096



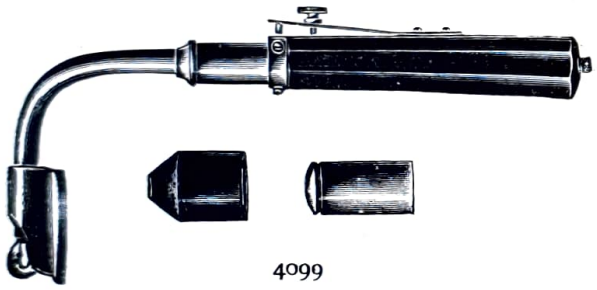
4097

No.	**Syringes**—	£	*s.*	*d.*
4095	Lennox Browne's, india-rubber	0	4	0
4096	Christopher Heath's, india-rubber, with silver pipe	0	7	6
4097	Symons's, 2 oz.	0	4	6



4098

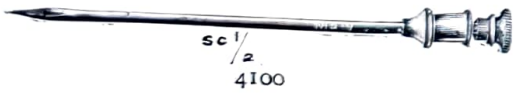
4098 **Syringe Pipe,** Heath's (Charles), with conical mount to fit any tubing ... 0 3 6



4099

4099 **Trans-illuminator,** for illumination of the Antrum and Frontal Sinuses, etc., through the mouth or orbit, complete in case 2 5 0

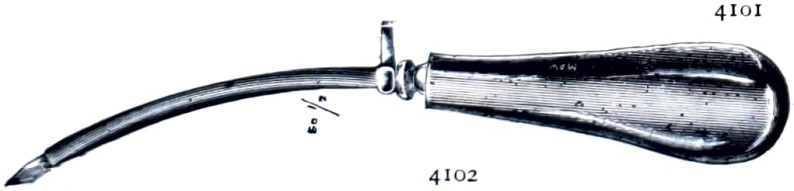
This lamp requires about 11 volts and 1·6 amperes.



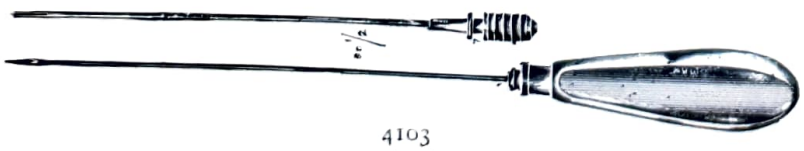
4100



4101



4102

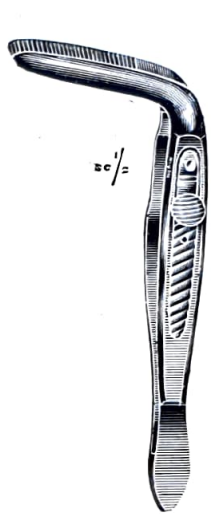


4103

Trocars, with metal handles—

4100	Baber's	0	5	0
4101	Grunwald's	0	4	6
4102	Krause's, with canula and blunt pilot	0	10	6
4103	Lichtwitz's, with mount for tubing	0	8	6

HARE LIP INSTRUMENTS.



4105



4106



4107

No.	**Clamps—**								*£*	*s.*	*d.*
4104	Durham's, right and left							each	0	10	6
4105	Smith's, right and left							,,	0	10	6
4106	Do. double							,,	0	14	0
4107	With narrow blades							,,	0	7	6



4108



4109



4110

Pins—

4108	Glass head, nickel plated							per doz.	0	1	6
4109	Metal head, do.							,,	0	2	0
4110	Ring heads, with sharpened edges, nickel plated							,,	0	1	6



4111



4112

Pincutters—

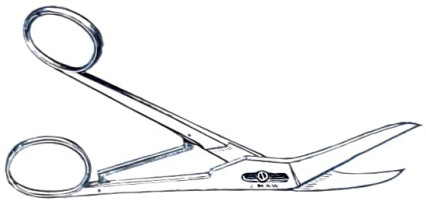
4111	Angle on flat									0	7	6
4112	Straight, combined with pin holder									0	7	6

Hare Lip Instruments—*continued.*



4113

No.		£	*s.*	*d.*
4113	**Scalpel,** solid forged	0	3	6



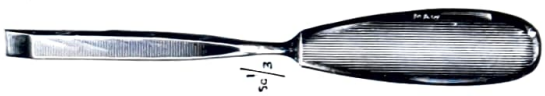
4114

4114	**Scissors,** with sliding blade, nickel plated	0	7	6
4115	**Truss,** Hainsby's	0	10	6

CLEFT PALATE INSTRUMENTS.



4116



4117

4116	**Awl,** straight	0	5	0
4117	**Chisel,** with rounded handle	0	4	6



4118



4121



4123



4124



4126

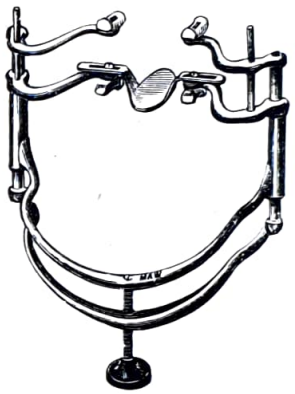
Cleft Palate Instruments—*continued.*

No.		£	s.	d.
	Forceps—			
4118	Tenaculum points	0	6	0
4119	Do. do. with catch	0	7	6
4120	Serrated points	0	6	0
4121	Do. do. with catch	0	7	6
4122	Light pattern, tenaculum points	0	6	0
4123	Do. do. do. with catch	0	7	6
4124	Do. serrated points	0	6	6
4125	Do. do. do. with catch	0	7	6
4126	Mason's, with volsellum points	0	7	6

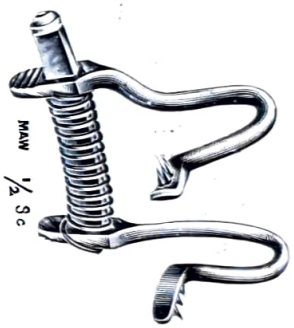


4127

4127	Durham's, with compound joint	1	1	0



4128



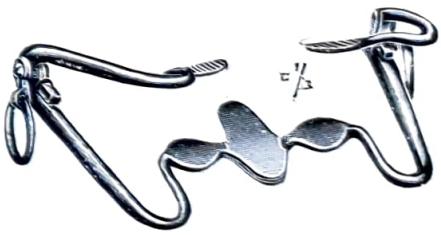
4129

Gags—

4128	Collins's	2	7	6
4129	Lane's, 3 sizes, each right and left ... ... per pair	1	1	0
4130	Owen's modification of Smith's, with pins on tooth plates	2	2	0



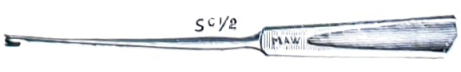
4131



4132

4131	Smith's, with thumb screws	1	15	0
4132	Do. with key	2	2	0

(*For other Gags, see pages 248 to 250.*)



4133



4134



4136

Hooks, solid forged—

4133	Blunt, single, Smith's	0	4	6
4134	Sharp, double do.	0	6	6
4135	Do. single do.	0	4	6
4136	Screw, double	0	6	0

Cleft Palate Instruments—*continued.*



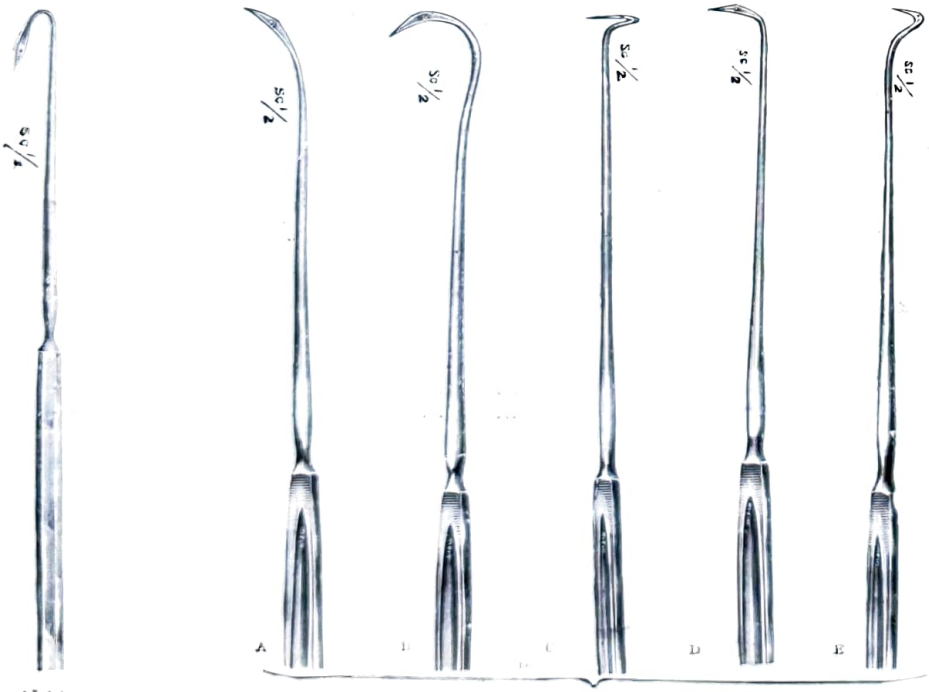
4137 4138 4139 4140 4141 4142

No.	**Knives,** solid forged—	£	*s.*	*d.*
4137	Lane's	0	5	0
4138	Straight	0	5	6
4139	Angular, right	0	6	9
4140	Do. left	0	6	9
4141	Blunt pointed	0	5	6
4142	Smith's, double edged	0	6	9



4143

4143	Fergusson's, **rectangular**, 2 sizes	each	0	7	6

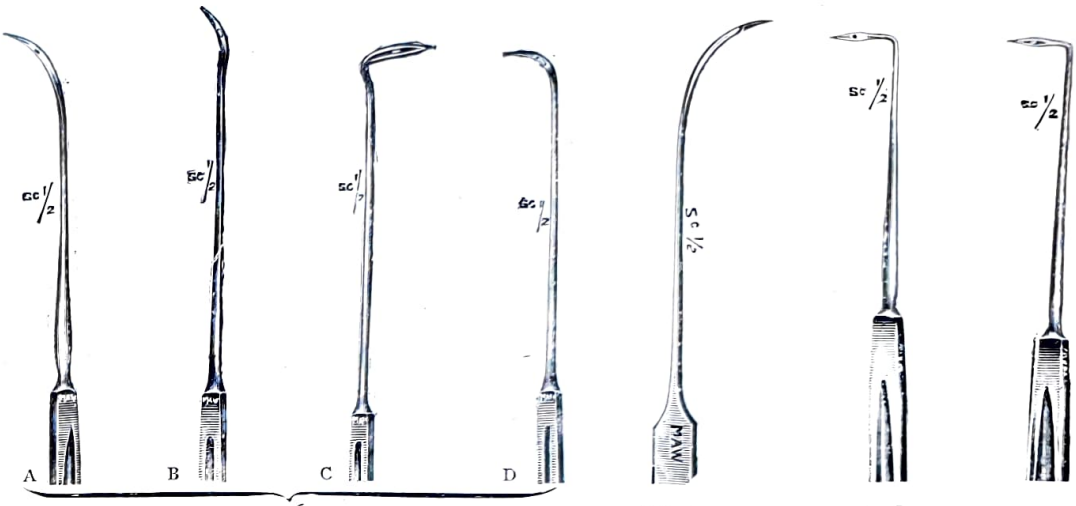


4144 4145

Needles, in handles, solid forged—

4144	Bailey's	each	0	6	0
4145	Durham's, various curves, A, B, C, D and E	each	0	6	0

Cleft Palate Instruments—*continued.*



4146 4147 4148 4149

No.	**Needles,** in handles, solid forged—*continued.*	£	*s.*	*d.*
4146	Fergusson's, various curves, A, B, C and D ... ... each	0	5	6
4147	Fitzgerald's, slot eye, one to pass and the other to catch sutures ... per pair	0	11	0
4148	Smith's, rectangular, straight	0	5	6
4149	Do. do. curved	0	5	6



4150

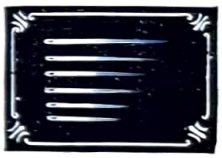
4150 Smith's, tubular, with set of 12 needles in case 3 3 0



4151



4152



4153

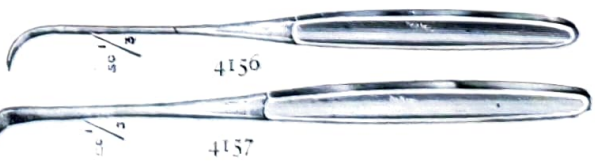
Needles, for use in holders—

4151	Lane's, curved, in packets of ½ doz., assorted sizes ... ... per doz.	0	3	0
4152	Do. extra curved ... ... ,,	0	3	0
4153	Do. straight, in packets of ½ dozen, assorted sizes ... ... ,,	0	3	0



4154

4154 **Needle Holder,** Lane's 1 5 0



4156 4157

Raspatories, solid forged—

4155	Durham's, broad, sharp or round pointed, various curves ... ... each	0	5	6
4156	Do. narrow, do. do. do. ... ... ,,	0	5	6
4157	Do. angular, right and left ... ... per pair	0	11	0



4158

4158 Rose's, curved, right and left ... ... per pair 0 11 6

Cleft Palate Instruments—*continued.*



4159

No.	**Raspatories**—*continued.*	£	*s.*	*d.*
4159	Smith's, flattened on one side	0	6	6



4160

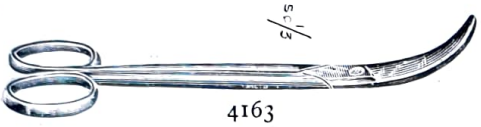


4161

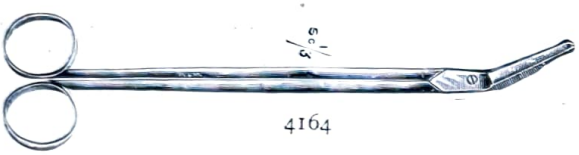
4160	St. Thomas's pattern, narrow	0	6	6
4161	Wood's, broad	0	6	6



4162



4163



4164

Scissors—

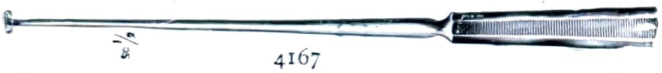
4162	Angular, light pattern, Smith's	0	5	6
4163	Curved on flat (extra curved), 6½ in. ; useful also as a raspatory	0	7	6
4164	Elbow curved	0	5	6



4165



4166



4167



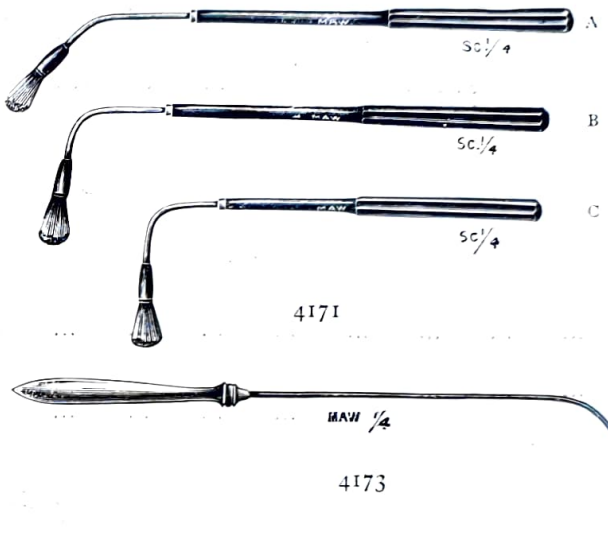
4168

4165	**Suture Adjuster,** solid forged	0	5	0
4166	**Suture Catcher,** solid forged	0	5	0
	Suture Twisters, solid forged—			
4167	"Figure of eight"	0	5	6
4168	H-shape	0	5	6
4169	**Teat for Feeding Bottle,** with protector to occlude the opening in the palate	0	0	7
4170	**Set of Instruments for Cleft Palate and Hare Lip Operations,** consisting of—			

Forceps, tenaculum points, with catch 1
Do. serrated do. do. 1
Gag, Smith's (No. 4131) 1
Hooks, blunt (No. 4133) 2
Do. sharp 1
Knife, straight (No. 4138) 1
Do. angular, right (No. 4139) ... 1
Do. do. left (No. 4140)... ... 1
Do. straight, blunt pointed (No. 4141) 1
Do. Smith's, double edged (No. 4142) 1
Do. Fergusson's (No. 4143) 1
Needle, Smith's, rectangular (No. 4148) 1
Needle, Smith's, rectangular (No. 4149) 1
Do. Fergusson's (No. 4146)... 4
Raspatories, double (No. 4159 and No. 4161) 2
Scissors (No. 4163) 1
Suture Adjuster (No. 4165) ... 1
Do. Catcher (No. 4166) ... 1
Do. Twister (No. 4168) ... 1
Hare Lip Forceps (No. 4107) ... 2
Do. Scalpel (No. 4113) ... 1
Do. Pins, ring head ...12
Pin Cutter (No. 4111) 1

Instruments fitted into aseptic metal case with metal racks 12 17 6

LARYNGEAL and TONSIL INSTRUMENTS.



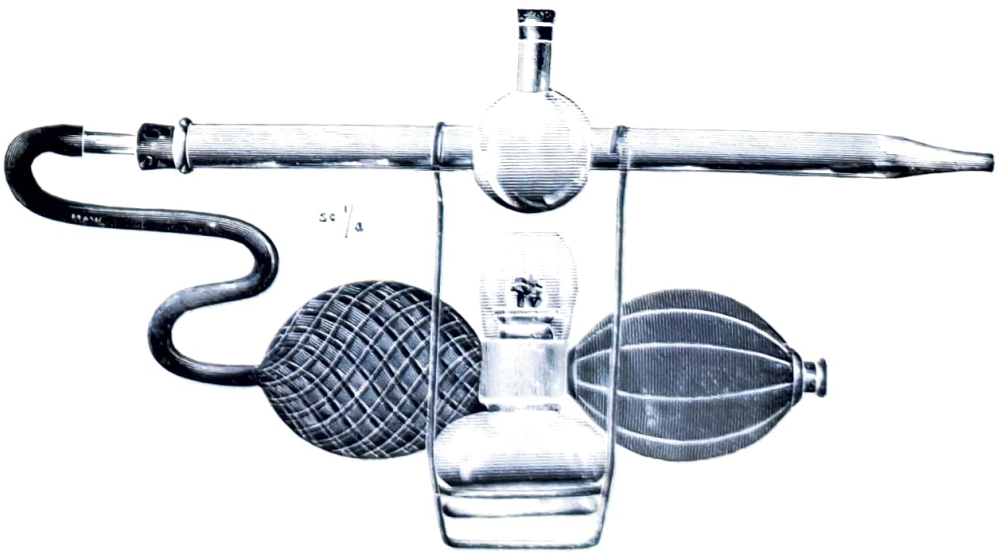
4171

4173



4174

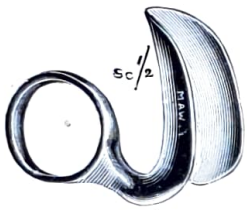
No.	**Brushes**—	£	*s.*	*d.*
4171	Mackenzie's, with aluminium stems and metal handles, various curves, A, B and C ... ... per doz.	1	4	0
4172	Spare brushes for do. ... ... ,,	0	3	0
4173	Wire stems, with wood handles and vulcanite mounted brushes ... ... ,,	0	5	6
4174	Do. with loops ... ... ,,	0	2	6



4175

4175 **Calomel Fumigator,** with bellows and lamp, complete in box ... 0 6 0

Laryngeal and Tonsil Instruments—*continued.*



4176

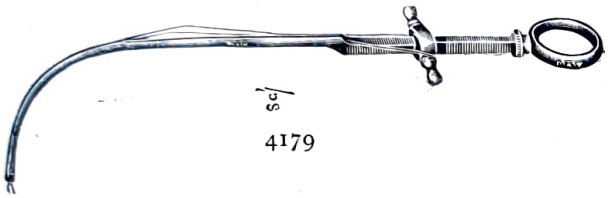


4177

No.		*£*	*s.*	*d.*
	Cheek Retractors—			
4176	Ring handle	0	3	3
4177	Long handle	0	6	0
4177*a*	**Curettes,** Heryn's, set of 10, fitting one handle	2	17	6

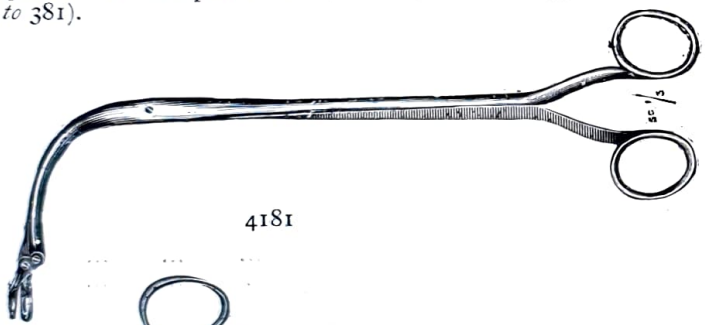


4178

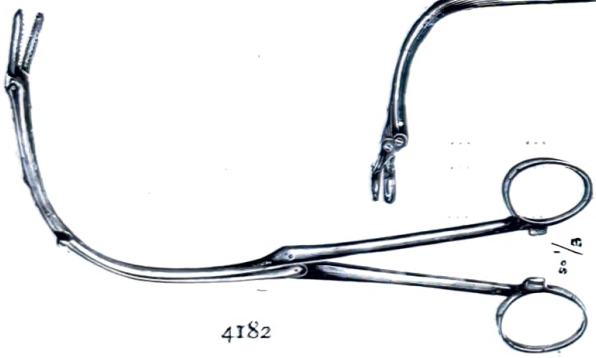


4179

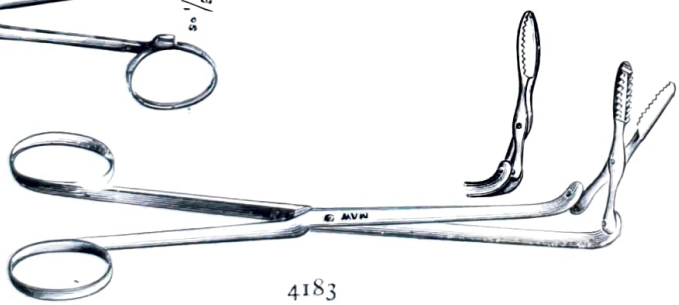
4178	**Drop Counter,** Hartewell's	0	3	0
	Ecraseurs, Laryngeal—			
4179	Gibbs's	0	14	0
4180	Mackenzie's, with three guarded and one plain end	2	17	6
	Galvanic (*see pages* 379 *to* 381).			



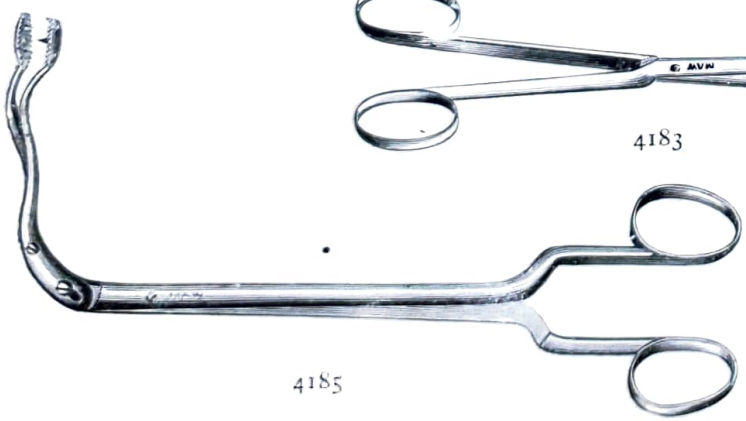
4181



4182



4183



4185

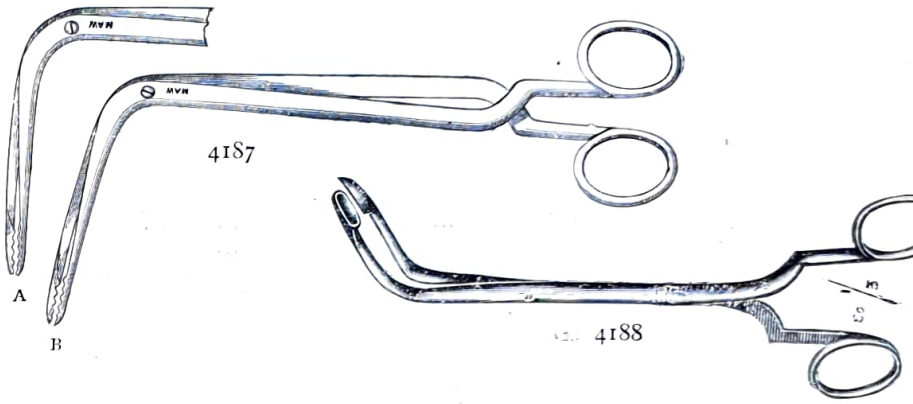
Forceps, for the removal of Growths, Foreign Bodies, &c.—

4181	Durham's, with compound joint, opening antero-posteriorly	0	11	6
4182	Do. with alligator jaws, do. do.	0	19	6
4183	Do. triple action, do. do.	0	10	6
4184	Do. on flexible stem	0	16	0
4185	Fauvel's, with compound joint, opening antero-posteriorly	1	0	0

Laryngeal and Tonsil Instruments—*continued.*


4186

No.	**Forceps**—*continued.*	£	*s.*	*d*
4186	Krause's, for cotton wool or sponge	0	10	6


4187

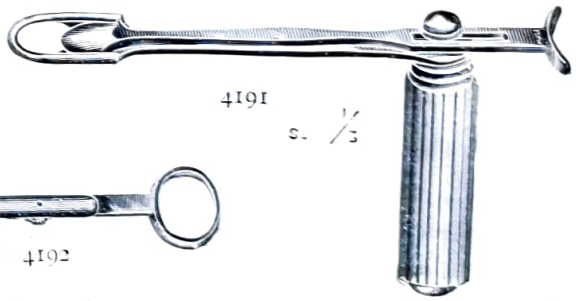
4188

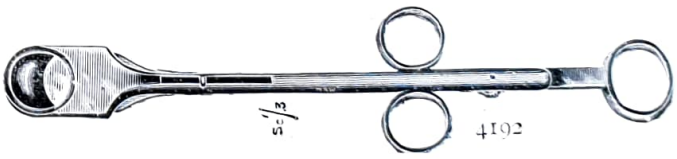
4187	Mackenzie's, to open antero-posteriorly, 2 curves, A and B	each	0	8	0
4188	Do. with cup jaws, to open laterally		0	8	0
4189	Do. with serrated jaws, to open laterally		0	8	0


4190

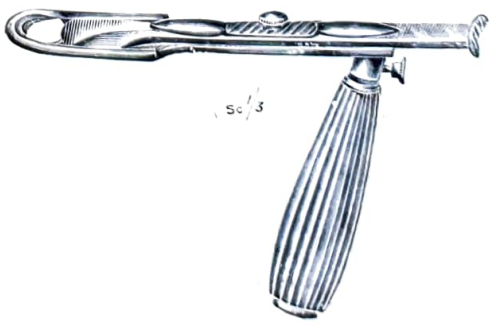
Guillotines—

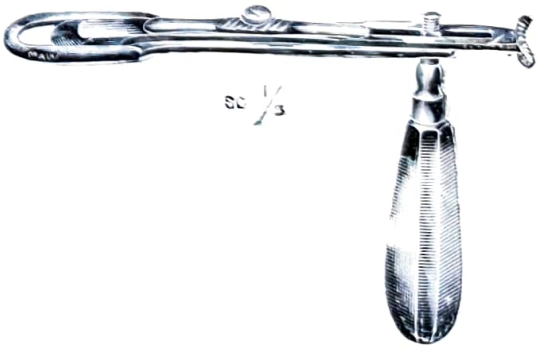
4190	Beehag's, 3 sizes	each	1	14	6


4191


4192

4191	Heath's (Charles), with metal handle, 3 sizes	each	1	10	0
4192	Lucae's, with cup to receive the tonsil		1	2	6

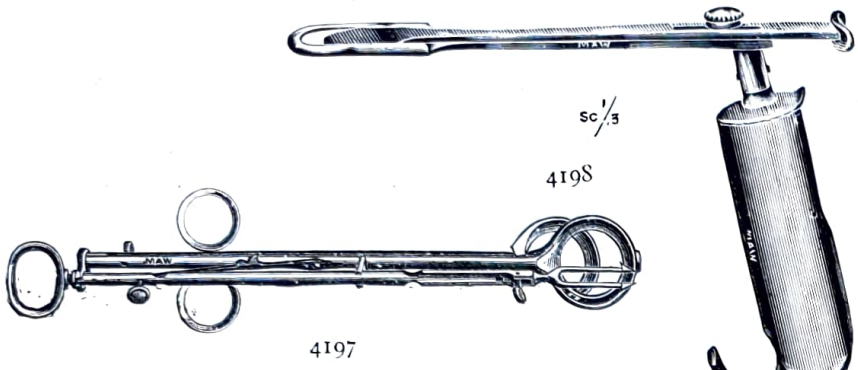

4193


4195

4193	Kelson's, with metal handle, 3 sizes	each	1	7	6
4194	Mackenzie's, with metal handle, 3 sizes		1	5	0
4195	Do. with reversible handle, suitable for either side		1	10	0
4195	Do. set of 3, fitting one handle, in leather case		3	10	0

The handle of a Mackenzie's Guillotine should be set at an obtuse angle instead of at a right angle as in the illustration.

Laryngeal and Tonsil Instruments—*continued.*

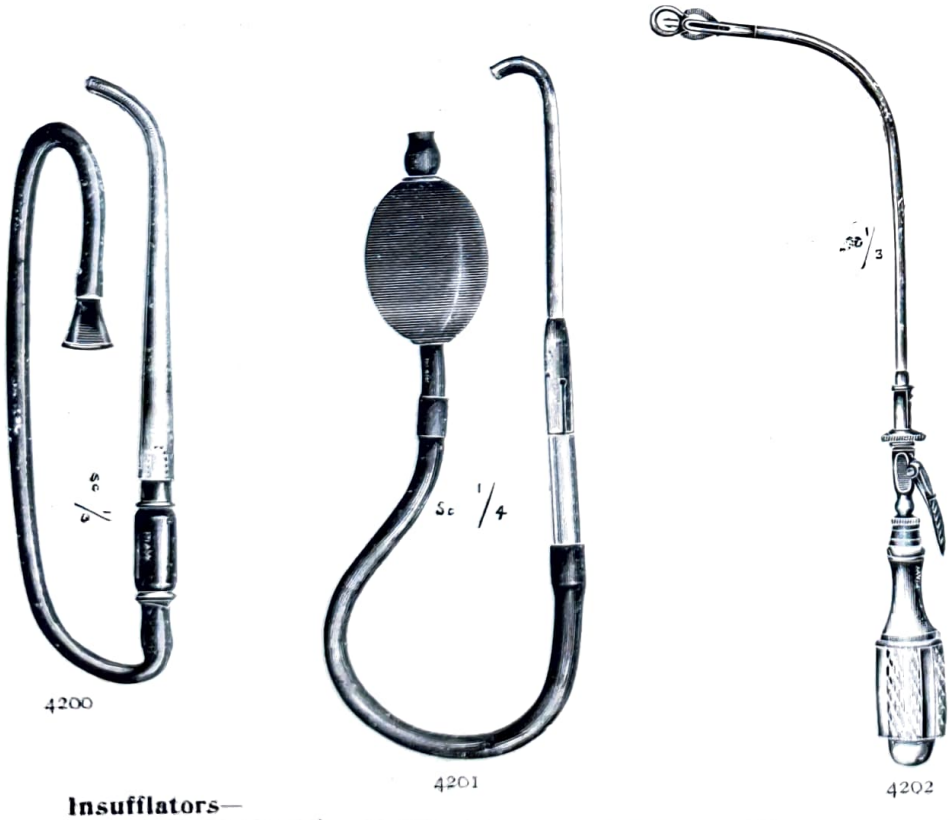


No.	**Guillotines**—*continued.*	£	*s.*	*d.*
4197	Mathieu's, French pattern, 4 sizes ... ... each	1	10	0
4198	Stuart Low's, 3 sizes, $1\frac{3}{4}$ in., $1\frac{5}{8}$ in., and 1 in. ... ... „	1	14	6

EXTRACT FROM "LANCET," JULY 5, 1902:—The orifice for the reception of the tonsil in this instrument is made to correspond to it in shape, being oval with the long axis vertical. By this means the hypertrophied tonsil can be much more completely excised and not merely clipped as is usual with the tonsillotomes most employed. Another advantage is that the lowest point of enlargement is removed and not left to keep up irritation and cough, as is commonly seen when the oval tonsil is squeezed into a round or horizontally elongated orifice. The second modification consists in the serration of the blade. This has a marked effect in lessening hæmorrhage, especially in adults, as the tonsil is lacerated rather than sharply incised. The third new feature is that the handle is not only massive, having indentations for the fingers and thumb affording greater grasping surface and power, but that it is prolonged into a hook at the end. The advantage of this is that the operator by utilising the ulnar side of the hand has much increased power for levering outwards and thus pressing well over the tonsillar base just before driving the blade home. For the excision of large flat adult tonsils these modifications are invaluable and render this instrument a safe and efficient substitute for the slow, clumsy, and imperfect methods of the écraseur, *morcellement*, and enucleation.

WELBECK STREET, W. WM. STUART-LOW, F.R.C.S. Eng.

4199	**Guillotine Sheath**, to reduce the size of the opening	0	4	0



4200 4201 4202

Insufflators—

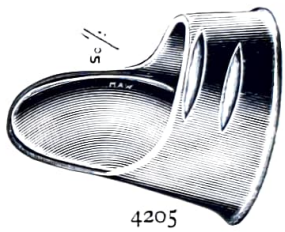
4200	Greville Macdonald's, with vulcanite mounts and aluminium delivery tube ...	0	7	6
4201	Heath's (Charles), with plated delivery tube	0	5	0
4202	**Laryngeal Guillotine**, for the removal of Polypi	1	10	0

Laryngeal and Tonsil Instruments—*continued.*



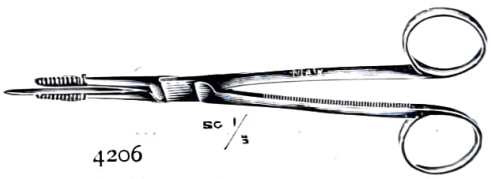
4203 4204

No.		*£*	*s.*	*d.*
	Laryngeal Lancets, solid forged—			
4203	Sickle shape, anterior cutting (A) or posterior cutting (B) ... ... each	0	6	0
4204	Sharp pointed, Tobold's	0	6	0



4205

4205	**Mouth Speculum,** Gutch's, 5 sizes ... ... each 2/3 ; per set	0	10	6



4206



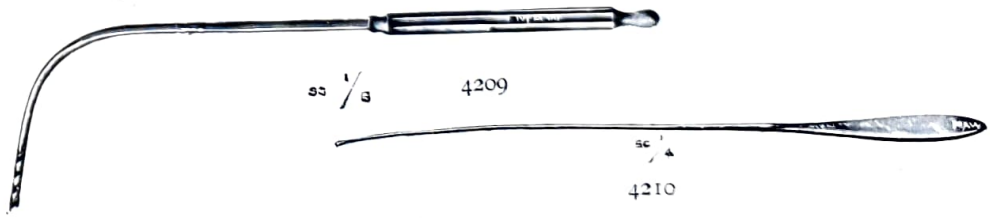
4207

	Peritonsilar Forceps—			
4206	Fitzgerald's	0	11	6
4207	St. Clair Thompson's, with crank handles	0	6	6



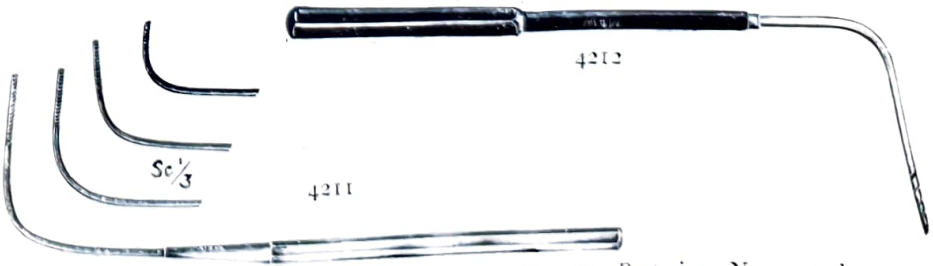
4208

4208	**Pharyngeal Bistoury,** Mackenzie's, solid forged	0	5	6



4209 4210

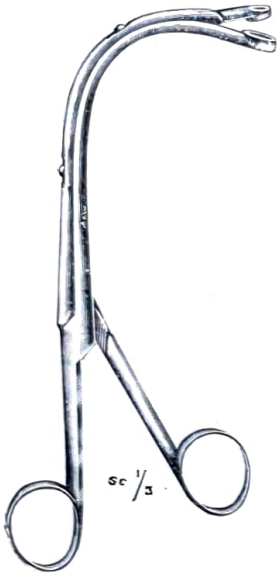
	Probes, for the application of wool, etc.—			
4209	Bronner's, aluminium	0	3	6
4210	Fränkel's, flexible copper	0	4	6



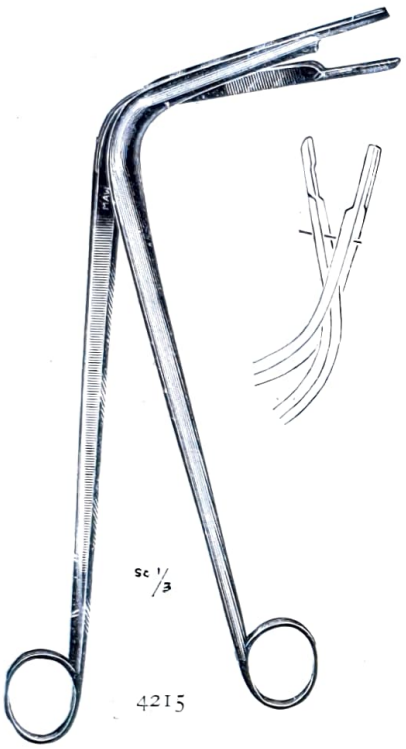
4212 4211

4211	Charles Heath's, 4 curves, for Larynx, Fauces, Posterior Nares and Pharynx ... ... each 2/9 ; per set	0	10	6
4212	Mackenzie's, aluminium, 3 curves ... ... ,, 1/9 ; ,,	0	5	0
4213	Tobold's	0	3	6

Laryngeal and Tonsil Instruments—*continued.*



4214

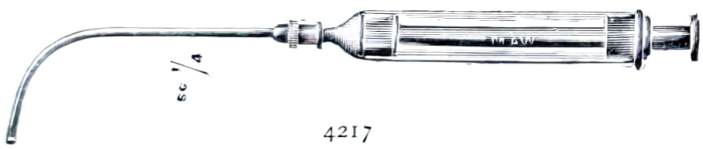


4215



4216

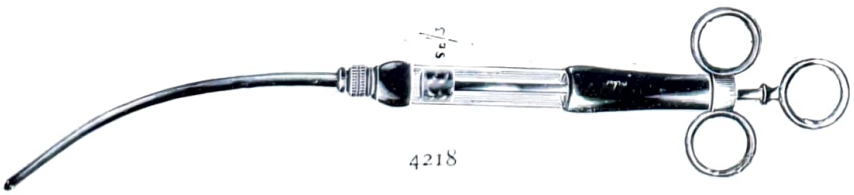
No.		£	*s.*	*d.*
	Punch Forceps, Laryngeal—			
4214	Juracz's	1	12	6
4215	Mendoza's, with fenestrated shanks, through which the operator can obtain a view of the larynx	1	14	0
4216	Lake's	1	5	0



4217

Syringes—

4217	Bronner's, glass, with soft metal pipe	0	3	0



4218

4218	Colin Campbell's, for intra-tracheal injections of Izal, etc., in case	0	5	0
4219	Frankel's, with laryngeal and nasal pipe, in case	0	7	6



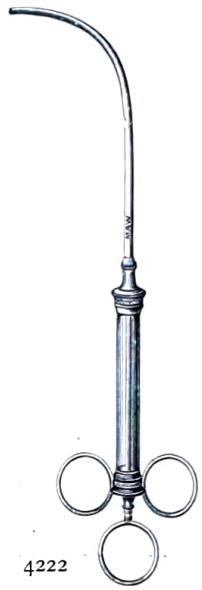
4220

4220	Flexible pipe, with silver mounted barrel	0	8	6

Laryngeal and Tonsil Instruments—*continued.*



4221


4222


4223

No.	**Syringes**—*continued.*	£	*s.*	*d.*
4221	Lake's, graduated, with two pipes	0	18	6
4222	Tobold's, glass, with plated mounts and silver pipe, in case	0	17	6
4223	Williams's, with needle for submucous injection	0	18	6



4224



4226



4227


4228

Tongue Depressors.

4224	Folding, Laycock's, plated, with gilt tips	0	5	9
4225	Do. do. white metal	0	3	9
4226	Do. Fenestrated, one blade serrated	0	3	9
4227	Do. Hollis's	0	6	6
4228	Do. Wise's, one blade folding within the other	0	3	0

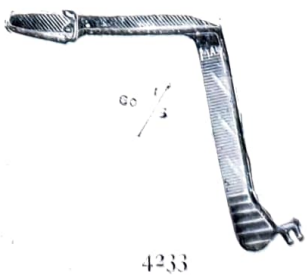


4229



4230

4229	Flat, with curved extremities, plated	0	5	0
4230	Curved, glass, plain ... ... per doz.	0	7	6
4231	Do. do. with coloured ends ... ... ,,	0	12	0
4232	Do. aluminium ... ... ,,	0	15	0



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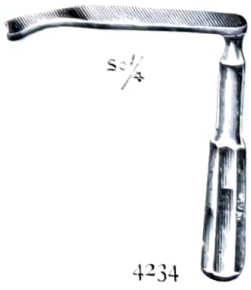


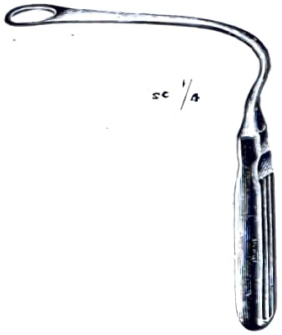
4234

4233	Cresswell Baber's, with hook for anterior pillar of fauces, double ended for right or left side	0	7	6
4234	Kirstein's, with metal handle	0	7	6

Laryngeal and Tonsil Instruments—*continued.*



4235



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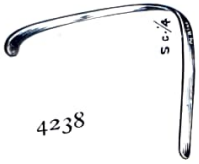


4238

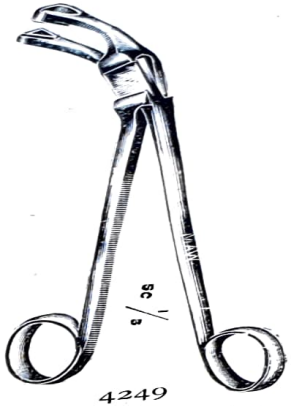


4239

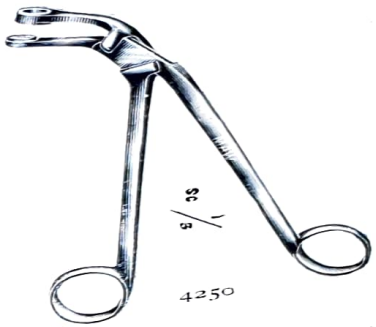
Tongue Depressors—*continued.*

No.		£	s.	d.
4235	Fränkel's ... ...

Laryngeal and Tonsil Instruments—*continued.*



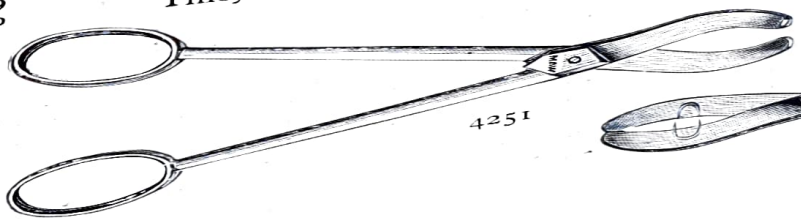
4249



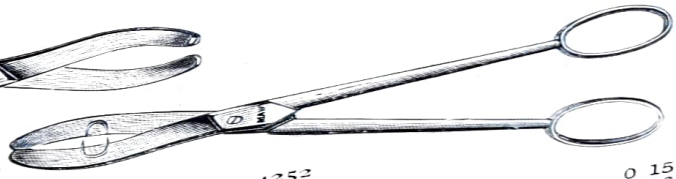
4250

Tonsil Punch Forceps—*continued.*

No.		£	*s.*	*d.*
4249	Delaney's, disjointing	1	5	6
4250	Tilley's do.	1	4	0



4251



4252

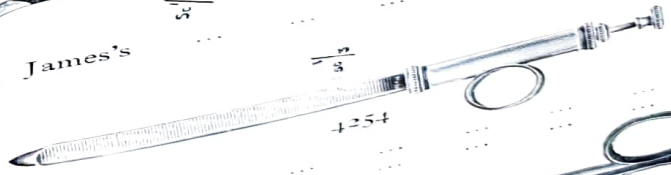
Tonsil Scissors—

4251	Erichsen's	0	15	0
4252	Do. with hooks	0	16	6



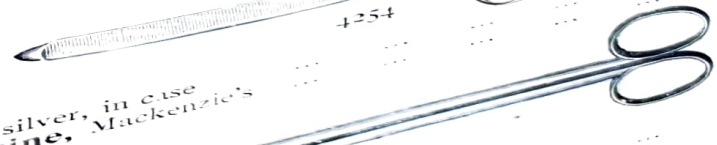
4253

Tonsil Sickle, James's 0 7 9



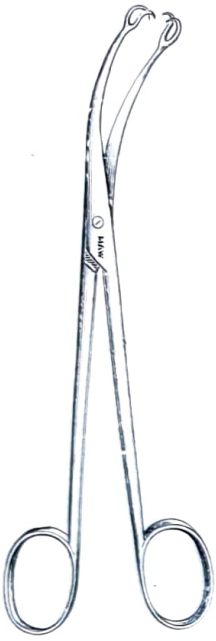
4254

4253	**Tonsil Sickle,** James's	1	6	6
	Tonsil Sickle, silver, in case	1	3	6

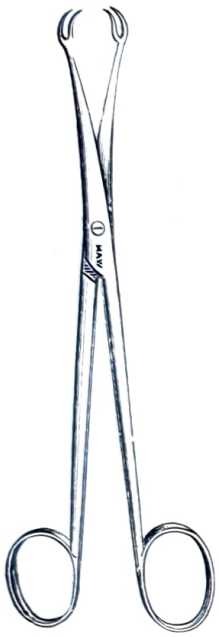


	Tonsil Sickle, Mackenzie's	0	8	6
	Tonsil Sickle,	0	10	0

Laryngeal and Tonsil Instruments—*continued.*



4258



4260



4262

No.	**Volsella**—	£	*s.*	*d.*
4258	Curved, with screw joint	0	6	6
4259	Do. disjointing	0	7	6
4260	Straight, with screw joint	0	6	6
4261	Do. disjointing	0	7	6
4262	Double action	0	15	0



4263



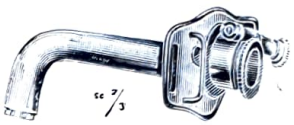
4264



4265

4263	"Hawk's Claw," with catch	0	8	6
4264	With teeth at back	0	8	6
4265	Blagdon-Richard's	0	18	0

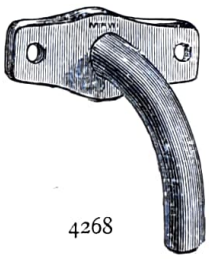
INSTRUMENTS
FOR
TRACHEOTOMY AND LARYNGOTOMY, Etc.





4266

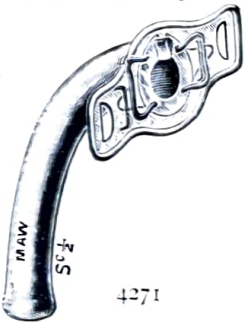
No.	†**Canulæ or Tracheotomy Tubes**—	£	*s.*	*d.*
4266	Durham's "Lobster-tail," silver, with vertebrated inner tube, and vertebrated pilot, 8 sizes, No. 18, 28/–; No. 20, 30/–; No. 22, 32/–; No. 24, 34/–; No. 26, 36/–; No. 28, 38/–; No. 30, 40/–; No. 32	2	2	0



4268

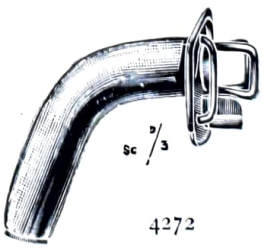


4270

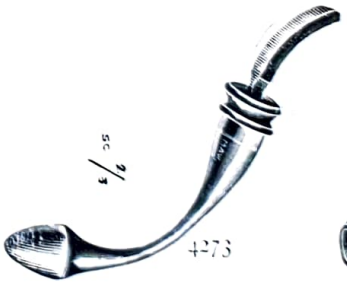


4271

4268	Baker's, india-rubber with web foundation, 5 sizes ... ... each	0	3	6
4269	Fuller's, bivalve, plated, 8 sizes, Nos. 18, 20, 22, 24, 26, 28, 30 and 32 ,,	0	7	6
4270	Do. do. silver do. No. 18, 9/6; No. 20, 10/6; No. 22, 11/6; No. 24, 12/6; No. 26, 13/6; No. 28, 14/6; No. 30, 15/6; No. 32	0	16	6
4271	Trousseau's, silver, with bevelled end to prevent chafing of the trachea, 8 sizes, No. 18, 15/–; No. 20, 16/–; No. 22, 16/6; No. 24, 17/6; No. 26, 18/–; No. 28, 18/6; No. 30, 19/6; No. 32	1	0	0



4272



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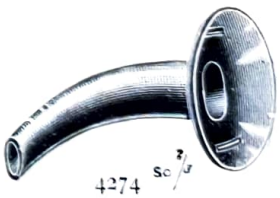
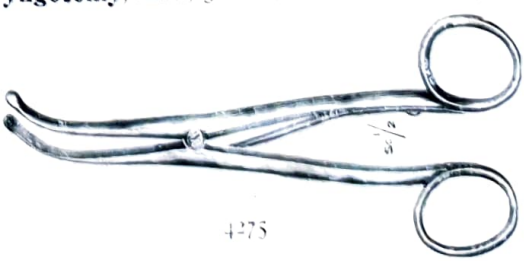


4274

4272	Parker's, silver, 8 sizes, No. 18, 13/6; No. 20, 14/6; No. 22, 15/–; No. 24, 16/–; No. 26, 16/6; No. 28, 17/–; No. 30, 18/–; No. 32	0	18	6
4273	Pilots for do. ... ... each	0	4	6
4274	**Canulæ, Laryngotomy**, silver, 3 sizes ... ... per set	0	18	6



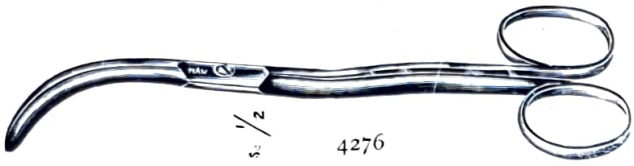
4275

Dilators—

4275	Caiger's, with spring	0	6	0

† The numbers of Tracheotomy Tubes denote the circumferences of the tubes in millimeters.

Instruments for Tracheotomy and Laryngotomy—*continued.*



4276



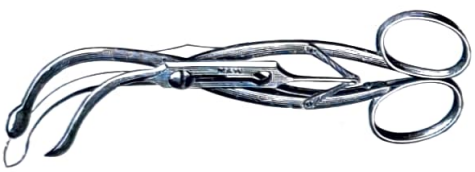
4277

No.	**Dilators**—*continued.*	£	*s.*	*d.*
4276	Collier's, with grooved blades	0	5	6
4277	Golding Bird's	0	10	6

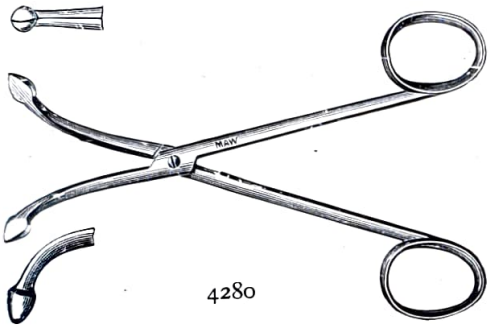


4278

4278	Luer's cross-action, spring	0	7	6

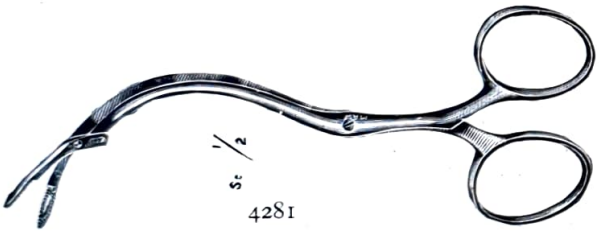



4279



4280

4279	Three bladed	0	12	6
4280	Trousseau's	0	5	6



4281

False Membrane Forceps—

4281	Double jointed	0	12	0
4282	Lucas's	0	12	6



4284

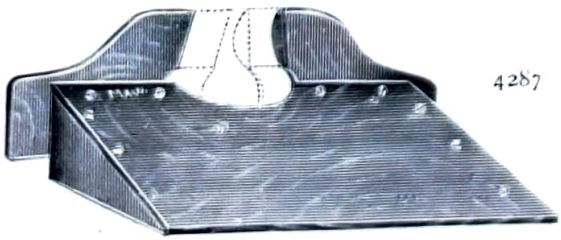


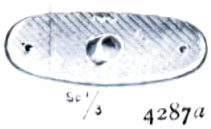
4285


4286

Hooks, solid forged—

4283	Blunt (*see page 28*).			
4284	Sharp	0	3	3
4285	Do. grooved	0	4	6
4286	Do. do. St. Bartholomew's Hospital pattern	0	5	9


4287

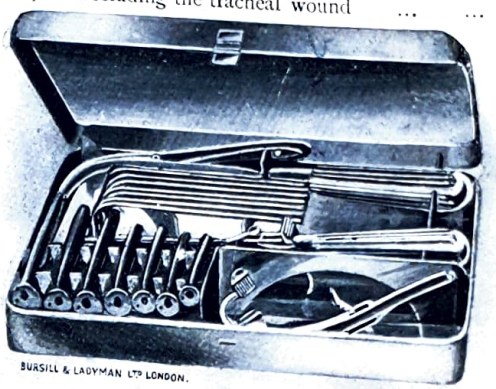


4287*a*

No. **Instruments for Tracheotomy and Laryngotomy**—*continued.* *£ s. d.*

4287 **Operation Pillow**, Caiger's, mahogany 0 17 6

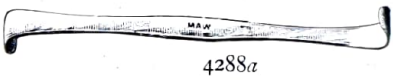
4287*a* **Plug**, india-rubber, for occluding the tracheal wound 0 1 6



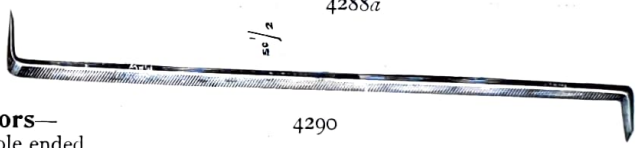
4288

Intubation Instruments—

4288 O'Dwyer's set, consisting of 7 vulcanite covered intubation tubes, introducer, extractor, gag and gauge, in aseptic metal case 5 10 0



4288*a*



4290

Retractors—

4288*a* Double ended 0 2 0

4289 Double hook (*for illustration, see page* 28) 0 5 6

4290 Caiger's, steel 0 3 6



4291



4292



4293

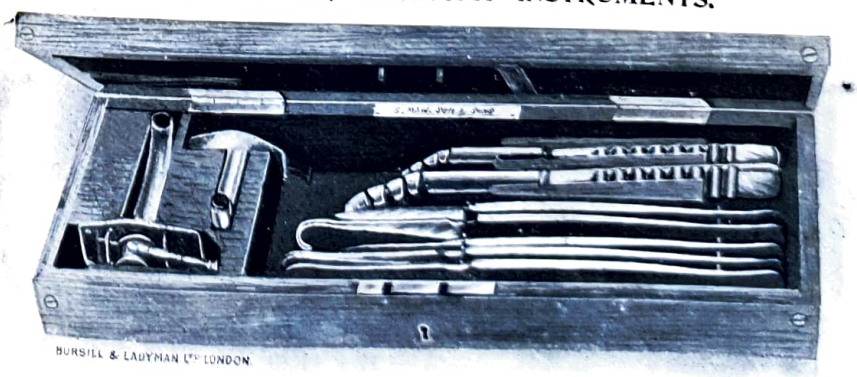
4291 **Tracheal Aspirator**, with glass barrel and india-rubber exhauster 0 3 6

Valves, for insertion in tracheotomy tubes to encourage breathing through the natural channel—

4292 Santa's 0 7 6

4293 Square 0 9 0

SETS OF TRACHEOTOMY INSTRUMENTS.



4294

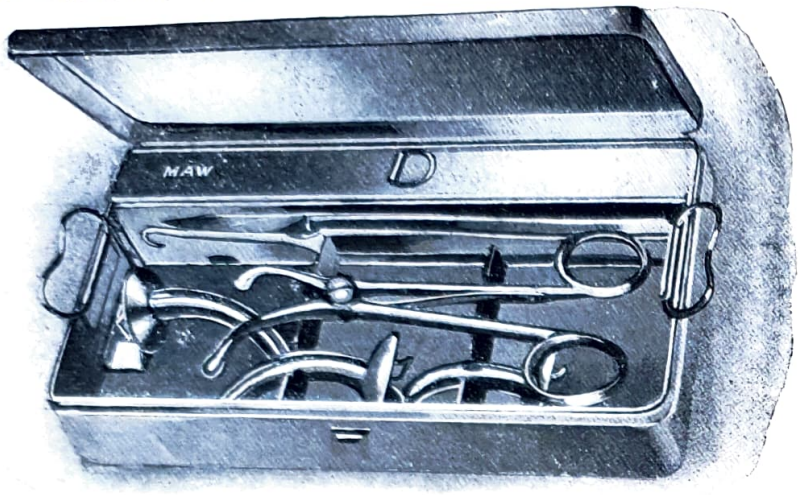
4294 **Durham's Set**, consisting of—

Blunt Hooks... 2
Sharp Hook, grooved 1
Scalpels, solid forged ... 2
Durham's Tubes Nos. 2 and 5 2
Do. Pilots 2

(*a*) In oak case, as illustrated... ... ... 4 5 0

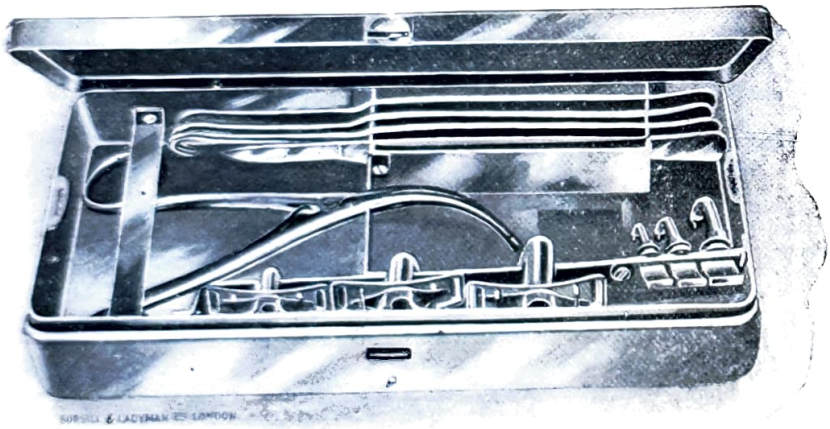
(*b*) In aseptic metal case, with lift-out racks... ... ... 5 0 0

Sets of Tracheotomy Instruments—*continued.*



4295

No.		*£ s. d.*
4295	**The "General Practitioner's" Set,** consisting of— Dilator, Sharp Hook, Fuller's Tubes, Nos. 18, 22 and 28 and Scalpel—	
(*a*)	In oak case	2 0 0
(*b*)	In aseptic metal case, with lift-out rack, as illustrated	2 10 0

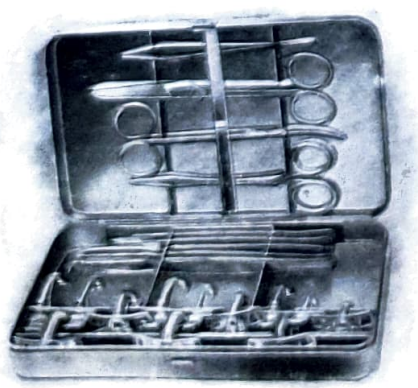


4290

4296 **Parker's Small Set,** consisting of—

Blunt Hooks ...	2	Grooved Hook ...	1	Parker's Tubes, silver, Nos. 18, 22 and 26 ...	3
Dilator	1	Scalpel	1	Parker's Pilots	3

(*a*)	In oak case	4 4 0
(*b*)	In aseptic metal case, as illustrated	5 12 6



4297

4297 **Parker's Large Set,** consisting of—

Blunt Hooks	2
Dilator, Collier's ...	1
Dissecting Forceps ...	1
Grooved Hook (No. 4281)	1
Scissors, 6 in.	1
Scalpels	2
Artery Forceps	2
Parker's Tubes, plated ...	6
Do. Pilots	6

In aseptic metal case, with lift-out rack 7 10 0

ŒSOPHAGEAL INSTRUMENTS, STOMACH PUMPS, Etc.



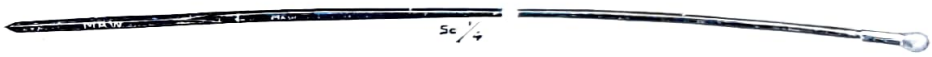
4301



4302

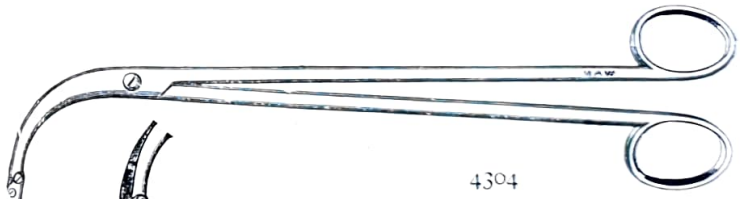
No.		Brown.	Soft Black.	Silk Web.*
4298	**Bougies,** elastic gum— Bulbous, sizes 10–24	2/6	4/6	5/–
4299	Conical, sizes 10–24	2/3	3/9	4/3
4300	Cylindrical, sizes 10–24	2/–	3/–	3/6

			£	s.	d.
4301	**Bougies,** Durham's, bellied, brown elastic gum, sizes 7–24	each	0	3	0
4302	Do. Symonds's, olive ended, double, 6 sizes, 12/14, 13/15, 16/18, 17/19, 20/23, 21/23	„	0	3	0



4303

4303 **Dilator,** whalebone, with 6 olive shaped heads, 8, 9, 10, 11, 12 and 14 m/m ... 0 10 6



4304



4305

Forceps, for the removal of foreign bodies, etc.—

4304	Durham's, double jointed	0	17	6
4305	Buck's, to open laterally...	0	8	0
4306	Do. to open antero-posteriorly	0	8	0
4307	**Gag,** boxwood, as shown in Illustration 4321, to facilitate the introduction of a stomach tube	0	1	0



4308



4309

Probangs

4308	Bristle	0	2	3
4309	Do. aseptic	0	5	0

* Made to order only.

Œsophageal Instruments, Stomach Pumps, etc.—*continued.*



4311

No.	**Probangs**—*continued.*	£	*s.*	*d.*
4310	Whalebone stem, with sponge, straight	0	1	0
4311	Do. do. do. curved	0	1	0



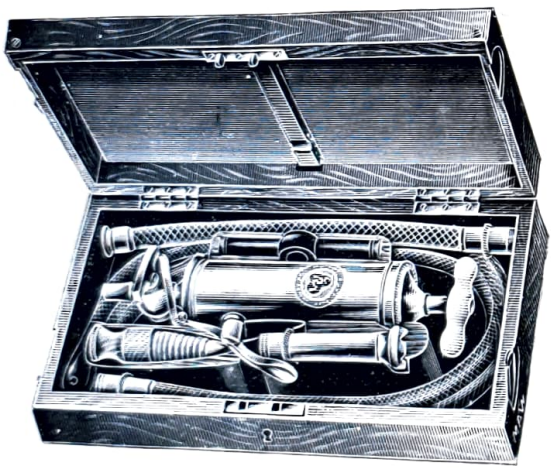
4313

4312	With coin catcher...	0	3	0
4313	Do. do. jointed, with adjustable end	0	5	0
4314	Do. do. St. Bartholomew's Hospital pattern	0	3	6



4315

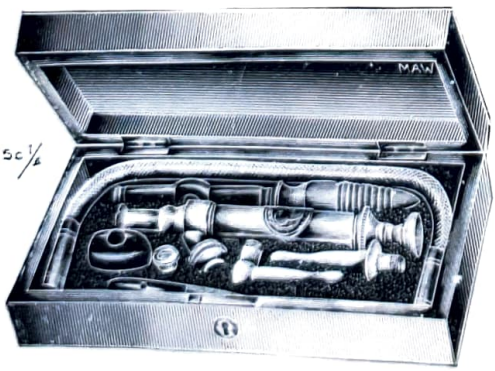
4315 **Stomach Bucket**, Einhorn's, silver, for withdrawing specimens of the contents of stomach 0 7 6



4316 Sc 1/5

Stomach Pumps—

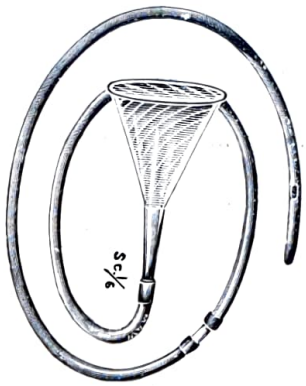
4316 Flute key pattern, with mouth wedge, gag, œsophageal tube, long rectum pipe, brass foot, and elastic gum side branch, in mahogany case with lock and key... ... ... 1 17 6



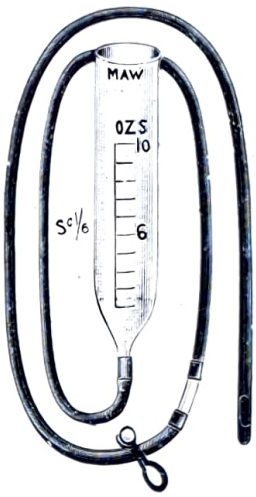
4317

4317 "Portable," with mouth wedge, œsophageal tube, gag, 2 bone rectum pipes, and mohair covered side branch, in mahogany case with lock and key ... 0 18 6

Œsophageal Instruments, Stomach Pumps, etc.—*continued.*



4318

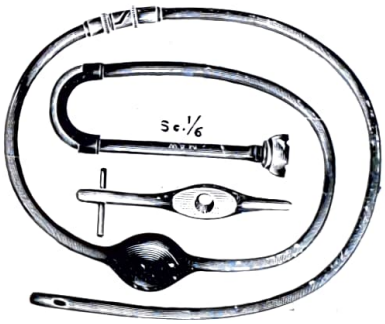


4319



4320

No.	**Stomach Syphons—**	£	s.	d.
4318	Glass funnel with 2 ft. of india-rubber tubing, glass junction and Jaques's india-rubber stomach tube	0	4	6
4319	Do. improved shape, fitted with solid end Jaques's stomach tube ...	0	7	6
4320	India-rubber collapsable funnel, attached to a 60 in. india-rubber stomach tube	0	4	0



4321

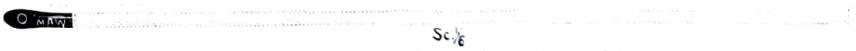


4322

4321	Middlesex Hospital pattern, with ball to start flow, brass connections, vulcanite U-piece, metal sinker, and boxwood gag, in cedar box	0	10	0
4322	Tosswill's, with ball pump, brass connections and ebony gag	0	9	6



4324



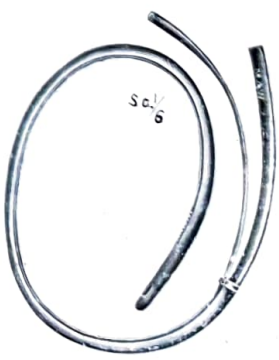
4325



4327



4328



4329

Œsophageal Instruments, Stomach Pumps, etc.—*continued.*

No.	**Stomach Tubes, etc.**—		£	s.	d.
4323	Elastic Gum, soft black, sizes 10–20	each	0	3	0
4324	Do. do. with funnel end, sizes 10–20...	,,	0	3	6
4325	Do. brown, with black head, sizes 10–20...	,,	0	2	0
4326	Do. do. do. with funnel end, sizes 10–20	,,	0	2	6
4327	Do. silk web, with funnel end, sizes 10–20	,,	0	4	6
4328	India-rubber, Jaques's, 30 in. long, aseptic, sizes 10–20, 2/9; sizes 21 to 24	,,	0	3	3
4329	Do. Turck's, for needle douche, double channel, 34 in. long ...	,,	0	6	0

The gauge for the above is the same as that for Catheters.



4331

4330	Symonds's Œsophageal, for permanent wear, silk web, sizes 8–18 ...	each	0	2	3
4331	Do. do. with openings at side, sizes 8–18	,,	0	2	3



4332

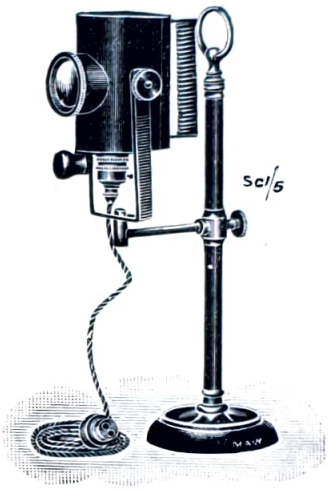
4332	Introducer for Symonds's tubes		0	9	6

KILLIAN'S INSTRUMENTS FOR BRONCHOSCOPY, ŒSOPHAGOSCOPY AND TRACHEOSCOPY.

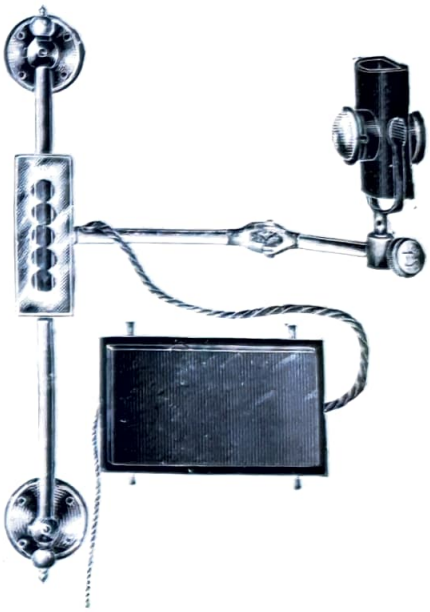
4333	Adult Tubes, 9 m/m diameter, four lengths, 14, 18, 25 and 35 c/m ...	each	0	6	3
4334	Do. do. 13 m/m diameter, five lengths, 19, 24, 32, 42 and 52 /m	,,	0	6	3
4335	Children's Tubes, 7 m/m diameter, 5 lengths, 13, 18, 23, 28, and 35 c/m	,,	0	6	3
	The length of the tube to be used depends upon the distance of the part to be examined from the entrance of the mouth.				
4336	Kirstein's Tube for retro-laryngeal portion of œsophagus		0	8	0
4337	Bivalve Tubes, through which the above tubes are introduced, 3 sizes	each	0	6	3
4338	Handles for tubes	,,	0	4	9
4339	Mandril for Adult Tubes	,,	0	6	0
4340	Do. for Children's Tubes	,,	0	6	0
4341	Forceps with serrated jaws, four lengths, 23, 30, 40, and 47 c/m ...	,,	0	9	6
4342	Forceps for extracting bones, 3 lengths, 23, 30, and 40 c/m	,,	0	8	6
4343	Handle for do.	,,	0	14	9
4344	Forceps for hollow foreign bodies, two lengths, 32 and 52 c/m	,,	0	8	6
4345	Handles for do. (Moritz Schmidt's)	,,	0	8	6
4346	Last Holders, four lengths, 25, 32, 45, and 52 c/m	,,	0	2	9
4347	Extracting Hook, blunt, 23, 30, and 45 c/m	,,	0	1	3
4348	Do. do. sharp, 23, 30, and 45 c/m	,,	0	1	3
4349	Do. do. Easter-Killian's, 23, 30, 45 c/m.	,,	0	1	3
4350	Probes, 23, 30, and 45 c/m	,,	0	0	9
4351	Handle for hooks and probes	,,	0	1	0
4352	Saliva Pump	,,	0	8	0
4353	Tubes for do.	per set	0	2	6
4354	Galvano Cautery Tube		0	4	3
4355	Electric Head-lamp and Cable		2	10	0
4356	Demonstration Handle (Kaspar-Killian's)		2	12	6
4357	Practising Model		4	4	0

For detailed description and method of using the above instruments see "British Medical Journal" August 8th, 1896.

LAMPS.

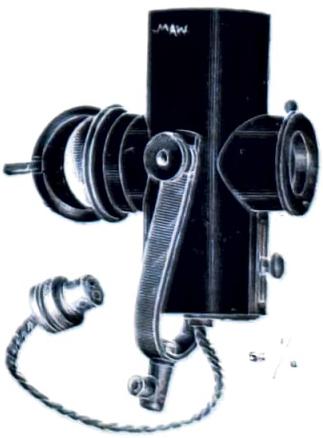


4358



4360

No.		£	s.	d.
	Electric Lamps, to work from the main—			
4358	Greville MacDonald's, with short standard for table	4	0	0
	This lamp is fitted with a handle, and can be detached from the standard for use as a hand lamp.			
4359	Greville MacDonald's, with long standard for floor, fitted with switch ...	3	8	0
4360	Lamp for Throat work, with vertical and lateral movements, fitted with resistance board, regulating switch, metal chimney, bull's-eye and iris diaphragm	5	12	6
4361	Do. for Ophthalmic work, fitted with 100 volt 16 c.p. focus lamp in place of the bull's-eye and chimney	3	17	6



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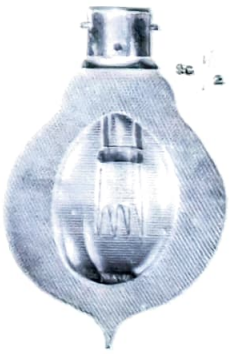
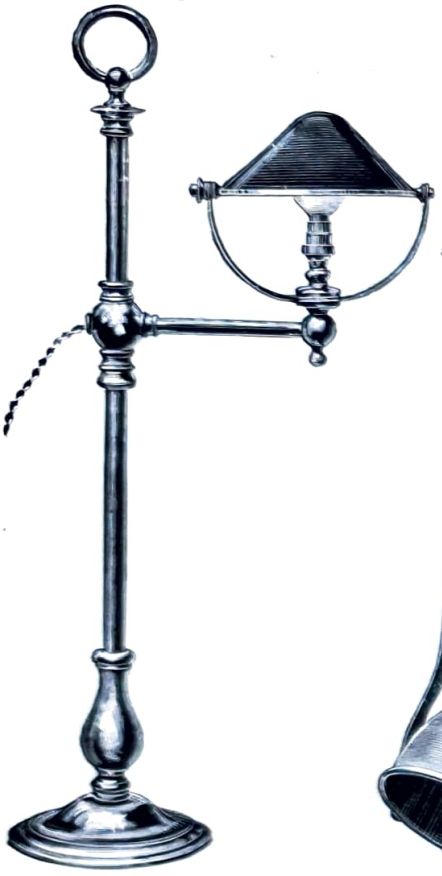


4364

4362	Metal Chimney, with bull's-eye, shutter and iris diaphragm, to fix to any existing Mackenzie's bracket	2	2	0
4363	Do. do. with bracket No. 4370 complete	4	9	6
	In order to fix the chimney to the bracket, remove the elbow and cock on the bracket, and fit in its place the elbow supplied with the chimney.			
4364	Focus Lamp, 100 volt, 10 c.p., to fit any ordinary lamp socket	0	5	6
4365	Do. do. half gesund	0	5	6

Lamps—*continued.*



4366



4368



4367

No.	**Electric Lamps,** to work from the main—*continued.*	£	*s.*	*d.*
4366	Brass standard, with adjustable arm, patent tilter and bronzed shade ...	1	7	6
4367	Brass standard, with adjustable arm, opal shade, and patent revolving tilter, which enables the rays to be thrown in any direction	1	5	0
4368	Hand or hanging lamp, with revolving bronzed reflector, polished inside ...	0	17	6

All the above lamps are sent out complete with cords, wall plugs, but not with lamps.



4369



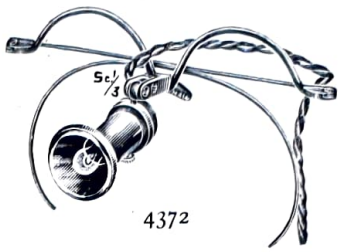
4370



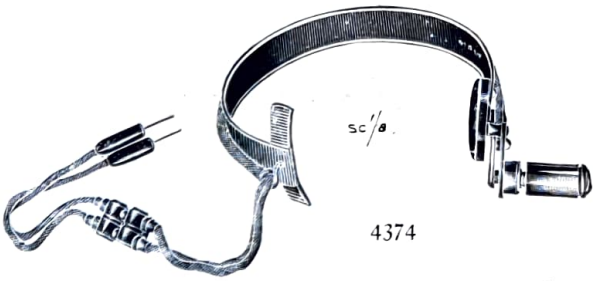
4371

4369	Hand lamp, with spun metal reflecting bell, fitted with cord and plug, either for wall or lamp socket; exclusive of lamp...	0	12	0
4370	Hand lamp, with cord, plug, and 100 volt 16 c.p. half ground or focus lamp; a convenient lamp for carrying in the surgeon's bag	0	10	6
4371	Hand or standard lamp, with brass pillar	1	12	6

Lamps—*continued.*

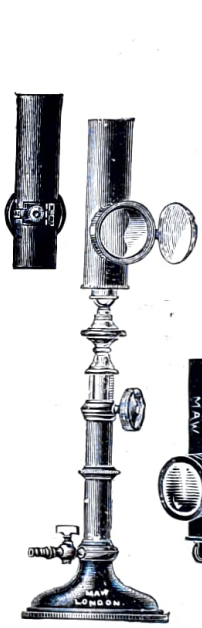


4372

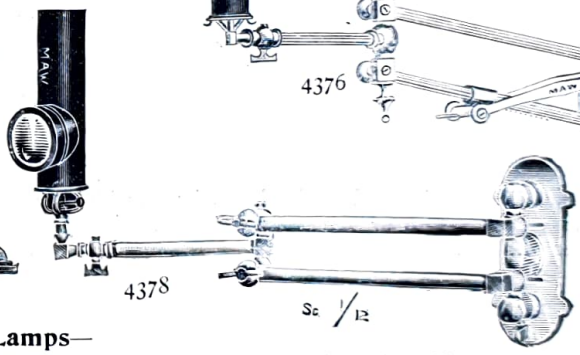


4374

No.	**Electric Lamps**, for use with accumulators—	*£*	*s.*	*d.*
4372	Washington Isaac's forehead lamp, with spectacle frame	1	10	0
4373	Do. do. do. with head band	1	10	0
4374	Forehead lamp, with head spring	1	15	0



4375



4378

4376

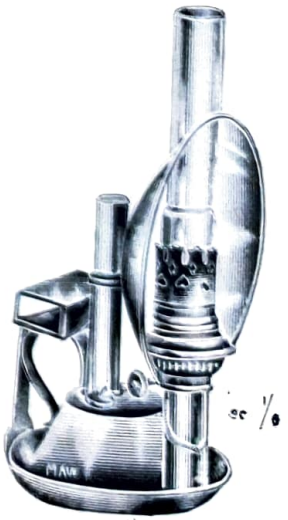
4379

Gas Lamps—

4375	Standard lamp, telescopic, on firm base, for table	3	7	6
4376	Mackenzie's bracket, superior finish, with fluted tubes, complete with chimney and bull's-eye...	3	12	0
4377	Mackenzie's bracket, 2nd quality, with plain tubes, chimney and bull's-eye...	2	10	0
4378	Do. do. without ratchet movement—controlled by thumb screws at joints	2	15	0
4379	Mackenzie's bracket, as No. 4376, but attached to bronzed standard, with heavy polished wood base	5	6	0



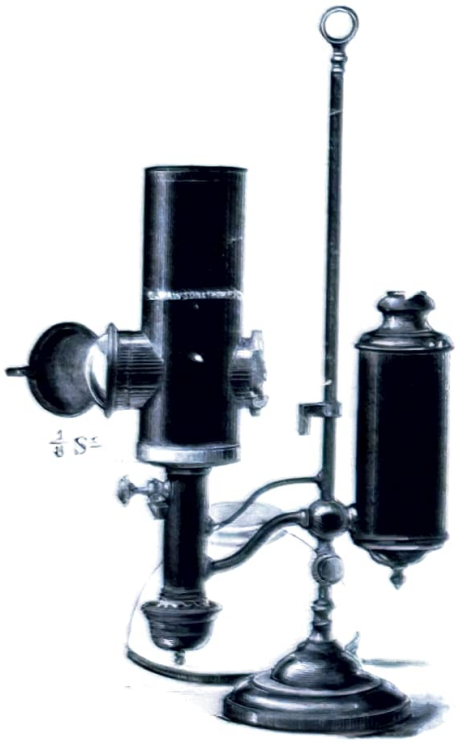
4380



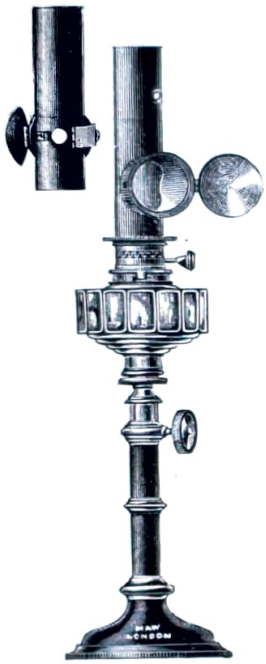
4381

Lamps—*continued.*

No.		£	*s.*	*d.*
	Oil Lamps—			
4380	Bruce's, brass, with parabolic reflector	0	4	6
4381	Loftus's, nickel plated	0	13	0



4382



4383

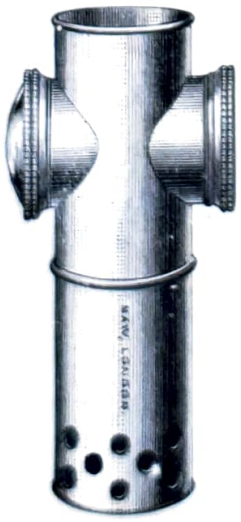
4382	Carpenter's, a combined surgical and reading lamp, for use with colza oil ...	2	10	0
4383	Telescopic brass standard, with metal reservoir, bronzed chimney, bull's-eye and shutter	3	12	0



4384



4385



4386

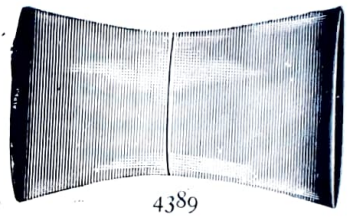
4384	Ward lamp, bronzed, with 5 in. reflector	0	12	0
4385	**Benzoline Lamp**, portable	0	12	6
	Candle Lamps—			
4386	Priestley Smith's, plated ...	0	9	0
4387	Do. do. telescopic, to carry in surgeon's bag ...	0	10	6

INTESTINAL INSTRUMENTS.

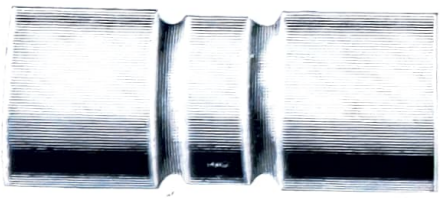


4388

No.		£	*s.*	*d.*
4388	**Anastomosis Bag**, Halstead's, india-rubber, for use during suturing, 2 sizes, each	0	3	6



4389



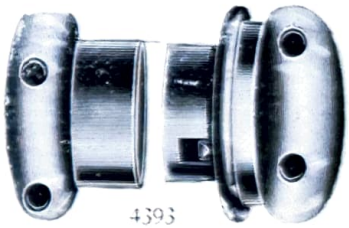
4390

Anastomosis Buttons, Plates, etc.—

4389	*Allingham's, decalcified bone tubes, 6 sizes, $\frac{5}{8}$ in., $\frac{3}{4}$ in, $\frac{7}{8}$ in., 1 in., 1$\frac{1}{8}$ in. and 1$\frac{1}{4}$ in., each	0	1	9
4390	*Bailey's decalcified bone tubes, 5 sizes, $\frac{1}{2}$ in., $\frac{5}{8}$ in., $\frac{3}{4}$ in., $\frac{7}{8}$ in. and 1 in. ,,	0	2	0

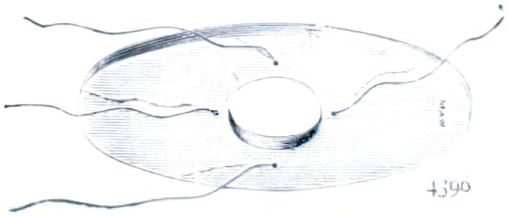


4392

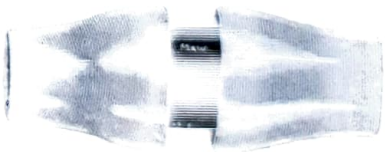


4393

4391	*Littlewood's decalcified bone plates ... ... per pair	0	3	9
4392	*Mayo Robson's decalcified bone bobbins, 6 sizes, $\frac{5}{8}$ in., $\frac{3}{4}$ in., $\frac{7}{8}$ in., 1$\frac{1}{8}$ in., and 1$\frac{1}{4}$ in., each	0	2	0
4393	Murphy's metal buttons, nickel plated, 4 sizes, 20, 22, 24 and 26 m m ,,	0	8	6
4394	Do. do. do. extra large, 32 m m ... ... ,,	0	10	6
4395	Do. do. do. oval, for lateral anastomosis ... ... ,,	0	15	6



4396

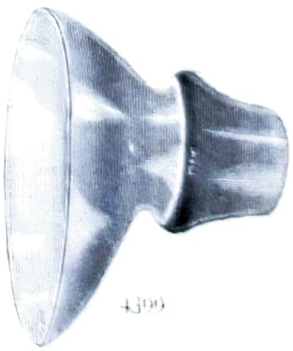


4397

4396	*Senn's decalcified bone plates ... ... each	0	2	0
4397	*Stanmore Bishop's bobbins, for end to end anastomosis ... ... ,,	0	1	10



4398



4399

4398	*Stanmore Bishop's bobbins, for end to end anastomosis ... ... each	0	1	10
4399	* Do. do. for gastro-enterostomy, ivory ... ... ,,	0	6	0

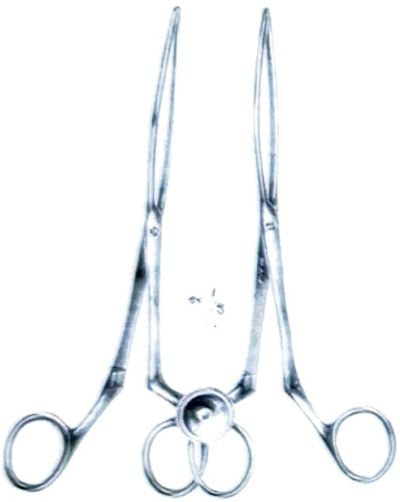
* Put up in sealed tubes, each containing one.

Intestinal Instruments—*continued.*

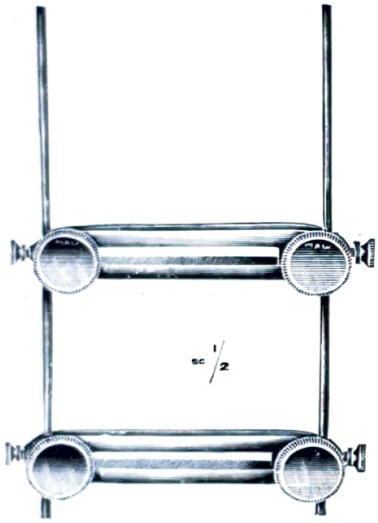


4400

No.	**Bowel Clamps**—	£	*s.*	*d.*
4400	Doyen's, with ribbon blades, for pylorectomy, curved...	0	13	6
4401	Do. do. do. straight	0	12	6

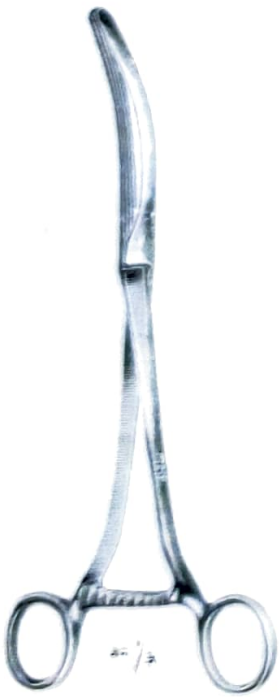


4402



4403

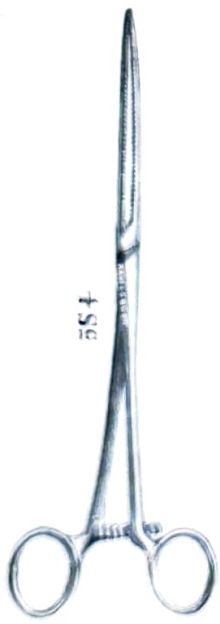
4402	Carwardine's, for end to end anastomosis	1	7	6
4403	Frederick Treves's, for colectomy	1	0	0



4404



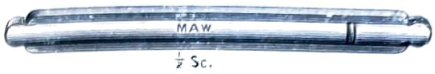
4405



4406

4404	Jordan Lloyd's, for pylorectomy ... ... straight, 16/0; curved	0	17	0
4405	Kocher's	1	2	6
4406	Do. with bowel blades for end to end anastomosis 9 in., 9/0, 8 in.	0	11	0

Intestinal Instruments—*continued.*



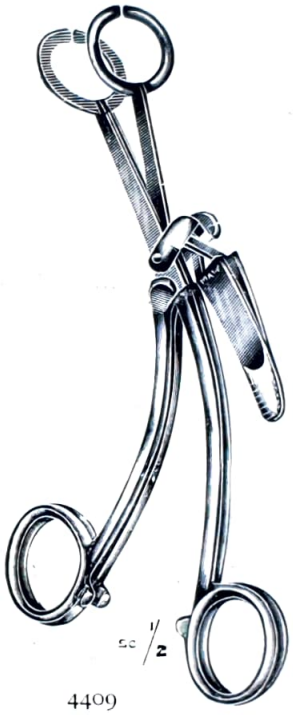
4407



4408

Bowel Clamps—*continued.*

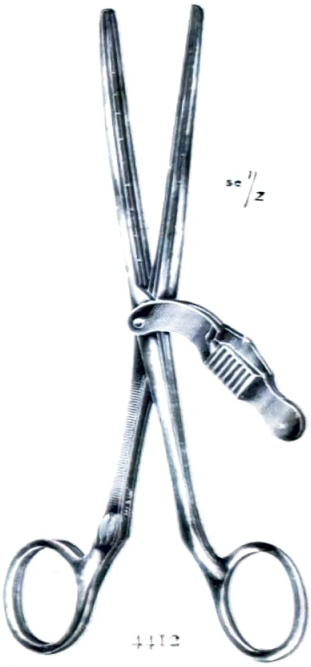
No.		£	*s.*	*d.*
4407	Lane's, with india-rubber band	0	3	0
4408	Do. improved with ring end	0	5	6



4409



4411



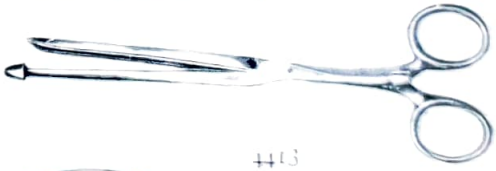
4412

4409 Laplace's, double disjointing forceps with clip, 4 sizes, 1½ in., 1¼ in., 1 in. and ¾ in. per pair 1 1 0

4410 Do. do. for gall bladder, ¾ in. ... ... ,, 1 0 0

4411 Makins's, 3 sizes, 1¾ in., 2¼ in. and 2¼ in. blades ... ... each 0 5 6

4412 O'Hara's, double forceps with clip ... ... per pair 1 1 0



4413



4414

4413 Kenton's, 2 sizes ... ... 5½ in., 14 cm. and 6½ in. 0 15 0

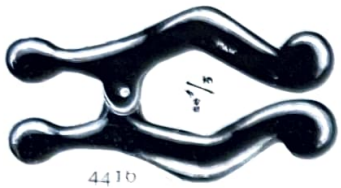
4414 Smith's, for gastro enterostomy, etc. 0 16 0

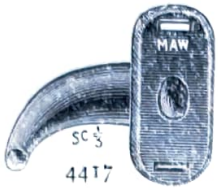


4415

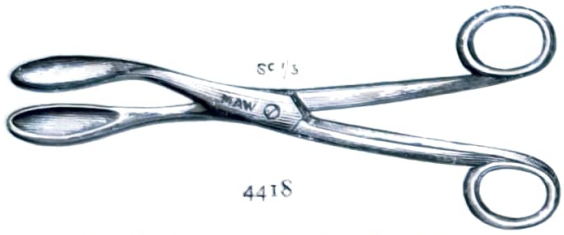
4415 **Colotomy Clamp**, Paul's ... 0 12 0

Intestinal Instruments—*continued.*





No.		*£*	*s.*	*d.*
	Colotomy Dilators—			
4416	Cripps's, vulcanite	0	4	6
4417	Ryall's, vulcanite	0	6	0



4418 **Colotomy Forceps,** Lund's, for removal of hardened fæcal matter 0 9 6

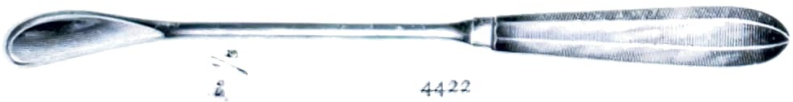




4419 **Colotomy Drainage Tube,** Paul's, glass, 3 sizes... ... ... each 0 0 9

Colotomy Plugs—

4420 Jacobson's, with stop-cock 0 7 0
4421 Lane's, india-rubber 0 3 9



4422 **Colotomy Scoop,** for removal of hardened fæcal matter 0 6 0



4423 **Glass Rods,** for placing under the bowel ... ... per doz. 0 4 0



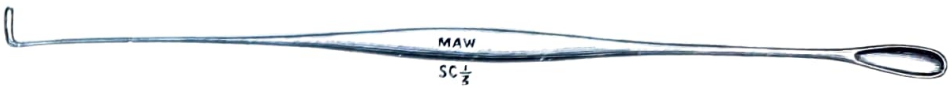
Gall Stone Forceps—

4424 Lawson Tait's 0 19 6
4425 Mikulicz's 0 10 6



4426 Andersen's, with midwifery joint 0 17 6

Intestinal Instruments—*continued.*



4427



4428



4429

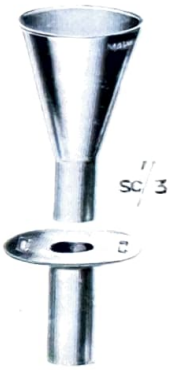
No.	**Gall Stone Scoops**—	£	*s.*	*d.*
4427	Cheatle's	0	8	6
4428	Jordan Lloyd's	0	8	6
4429	Mayo Robson's, silver plated	0	9	6



4430



4431



4432

Gastrostomy Tubes—

4430	India-rubber, 6 sizes	each	0	2	0
4431	Lane's, india-rubber		0	3	0
4432	Silver, with funnel and rod for clearing		1	10	0



4433

4433	**Hammer,** Halstead's, for use whilst suturing the bile duct, 11 sizes, from 3 m/m. to 17 m/m.	each	0	5	6
4434	**Inflator,** Lund's, 2 sizes, children's and adults'		1	1	0
4435	**Needles for Suturing** (*see page* 20).				

RECTAL INSTRUMENTS.



4436



4437



4438



4440

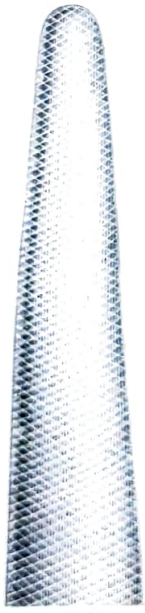


4439

No.	**Bistouries,** for Fistula, solid forged—	£	s.	d.
4436	Curved, probe pointed, long	0	6	6
4437	Do. do. short	0	5	6
4438	Do. blunt ended, Allingham's	0	5	6
4439	Straight, probe pointed	0	6	6
4440	Curved, sharp pointed	0	5	0



4442



4443



4444



4445

Bougies, elastic gum—

4441	Bulbous, brown	0	2	9
4442	Do. soft black	0	4	6
4443	Conical, brown	0	2	3
4444	Do. soft black	0	3	9
4445	Cylindrical, brown	0	1	9
4446	Do. soft black	0	3	0

The above Rectum Bougies are numbered 1 12; No. 1 measures 9 m/m in diameter, and No. 12, 27 m/m.

Rectal Instruments—*continued.*



4447

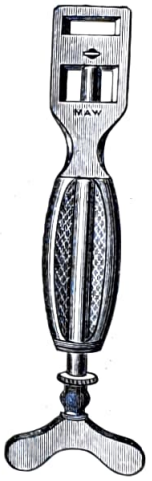
No.		*£ s. d.*
4447	**Bougies**, vulcanite, in nest of 6 ... ... per set	0 10 6



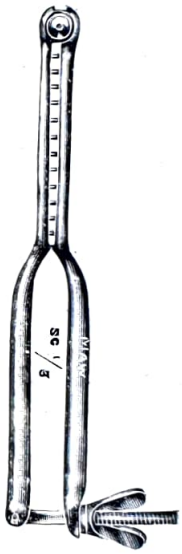
4448

Cautery Irons—

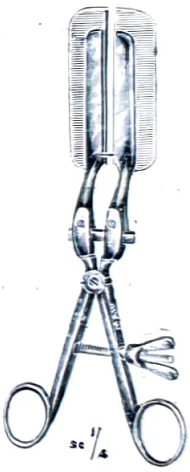
4448	Gowlland's, set of 2, fitting one handle	0 7 6
	Paquelin's, Thermo-cautery (*see page* 489).	



4449



4450



4452



4453

Clamps—

4449	Allingham's, screw pattern, for crushing	0 17 6
4450	Coates's	0 17 6
4451	Gowlland's	0 13 0
4452	Smith's, with parallel blades	1 5 0
4453	Do. ordinary pattern...	0 18 6
4454	Sydney Jones's, angular	1 1 0



4455

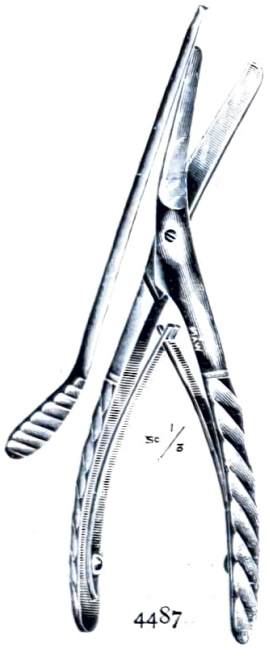
4455	Pollock's, for crushing	1 17 6



4450

4450	**Forceps,** with slender parallel blades, for after suturing the skin, 6 in.	0 9 6

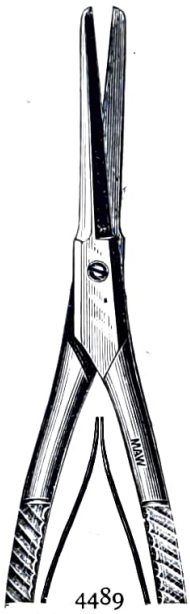
Rectal Instruments—*continued.*



4487

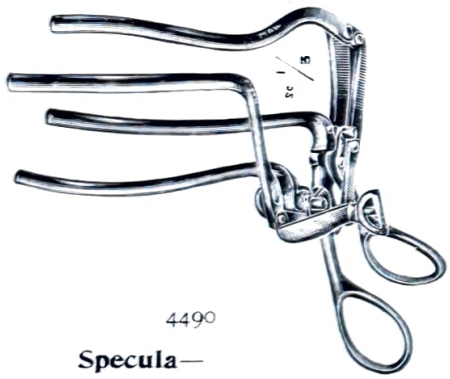


4488



4489

No.		£	*s.*	*d.*
	Scissors—			
4487	Allingham's, with director, for fistula	1	3	6
4488	Angular on flat, 6 in., for hæmorrhoids	0	5	6
4489	Salmon's, for hæmorrhoids	0	16	0



4490



4492



4493

Specula—

4490	Allingham's, 4-bladed, steel	2	8	0
4491	Do. metal, with ebony plug	0	10	6
4492	Fergusson's, glass, covered with elastic gum	0	2	6
4493	Davy's, wire	0	5	6



4494

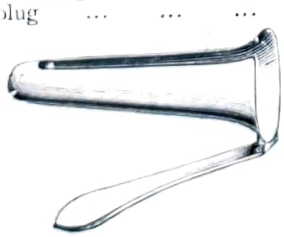


4495

4494	Gowlland's, glass, covered with elastic gum	0	3	0
4495	Do. metal, with ebony plug	0	9	0



4496





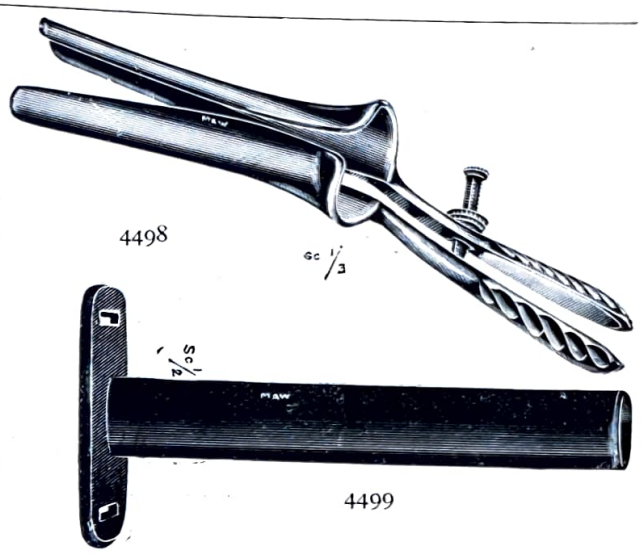
4497

4496	Hinged, dilating	0	13	6
4497	Hilton's, with plug	0	10	6

Rectal Instruments—*continued.*

Specula—*continued.*

No.		£	*s.*	*d.*
4498	Ricord's, with metal handles ...	0	15	0

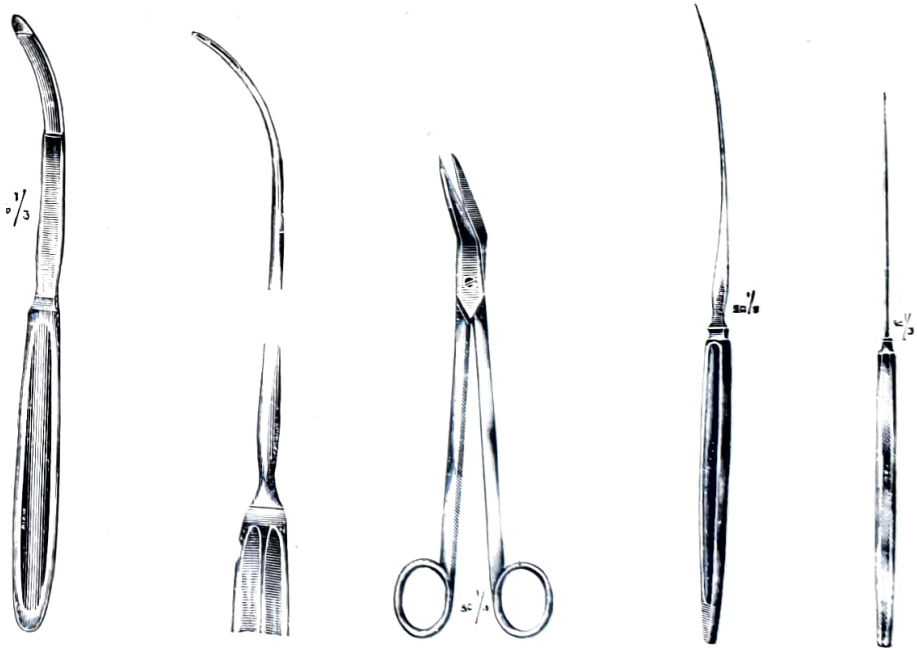


4498

4499 **Tube for Rectum,** for use after excision, vulcanite ... 0 3 3

4499

INSTRUMENTS FOR RENAL SURGERY.

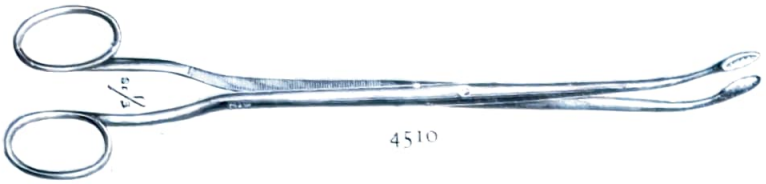

4500 4503 4504 4505 4506

No.		£	*s.*	*d.*
4500	**Bistoury,** Morris's, for dividing adhesions, etc.	0	7	6
4501	**Blunt Lance,** Lucas's, with shoulder	0	8	6
4502	**Lance Forceps,** Lucas's, for dilating the kidney wound	0	10	6
4503	**Needle,** Morris's, for ligaturing the pedicle	0	6	0
4504	**Scissors,** Morris's, angular	0	7	6
4505	**Stilettoes,** for probing the kidney in search of stone—			
4506	Curved	0	4	6
	Straight	0	4	6


4508

4507	**Stone Forceps**—			
4508	Lucas's	0	13	6
4509	Morris's, curved, for crushing stones in the kidney	0	12	6
	Do. straight do. do.	0	12	6

Instruments for Renal Surgery—*continued.*



4510

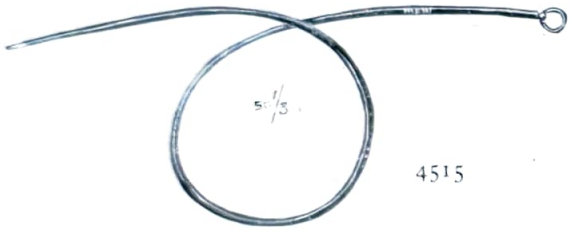
No.	**Stone Forceps**—*continued.*	£	*s.*	*d.*
4510	Morris's, with bow handles and cup jaws, curved	0	10	6
4511	Do. do. do. straight	0	10	6



4512

Trocars—

4512	Morris's, with groove to act as director for knife when opening pus cavity ...	0	13	6
4513	Fine, for exploring, 6 in.	0	7	6
4514	Large, for withdrawing pus	0	7	6



4515

4515 **Uretral Bougie**, Morris's, elastic gum, with lead stilette, for passing down the ureter after opening the kidney in order to ascertain if the tube is patent ... 0 2 6

KELLY'S INSTRUMENTS FOR EXAMINING THE URETERS.



4516

4516 **Cotton Wool Forceps** 0 7 6



4517



4518

4517 **Calibrator**, for gauging the size of the urethra 0 3 6
4518 **Dilators**, for female urethra, 8 sizes, $\frac{2}{10}$, $\frac{3}{10}$, $\frac{4}{10}$, $\frac{5}{10}$, $\frac{6}{10}$, $\frac{7}{10}$, $\frac{8}{10}$, $\frac{9}{10}$, $\frac{10}{10}$, m/m diameter each 0 4 6



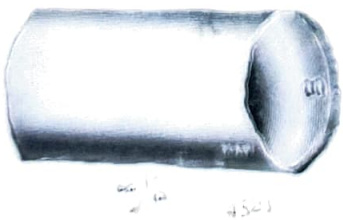
4519



4520

Hooks, solid forged—

4520	Double, sharp and blunt	0	2	6
4520	Shepherd's crook	0	2	6



4521

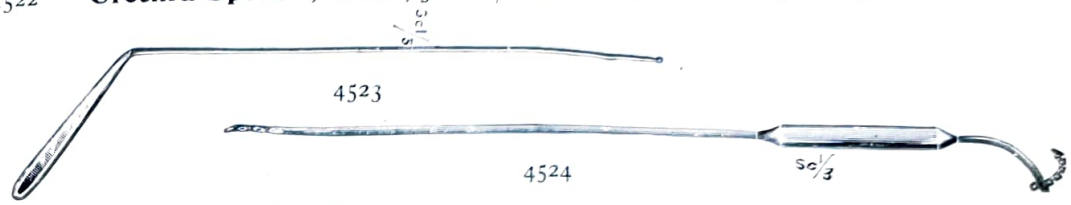
4521 **Pillow**, white macintosh, to inflate, for raising the limb, 14 in. by 6½ in. ... 0 15 0

Kelly's Instruments for Examining the Ureters—*continued.*



4522

No.		£	*s.*	*d.*
4522	**Urethra Specula**, 16 sizes, 5–20 m/m diameter ... ... each	0	7	6



4523

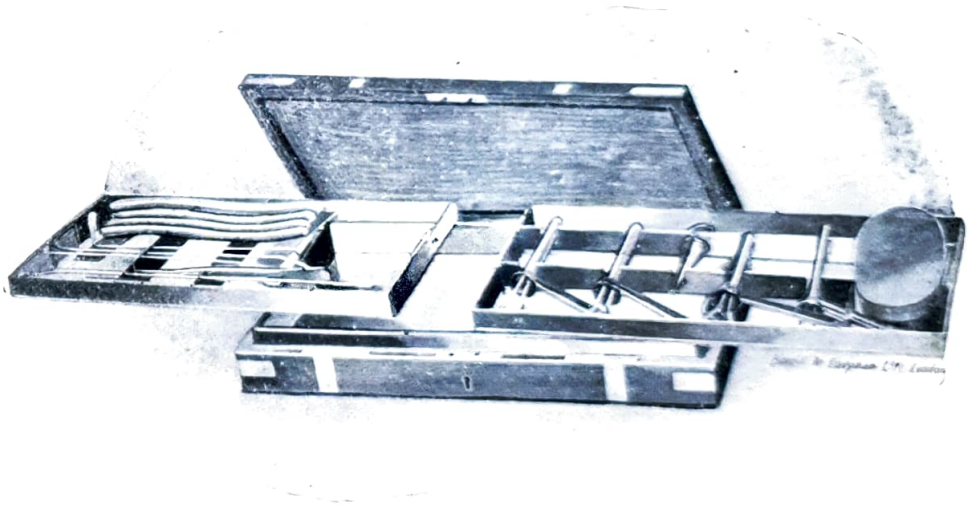
4524

4523	**Uretral Searcher**, flexible metal	0	2	6
4524	**Uretral Catheter**, Kelly's, with plug	0	8	6



4525

4525	**Uretral Catheter**, Pawlick's, used also by Kelly	0	9	0
4526	**Uretral Bougies**, whalebone ... ... per doz.	0	11	6



4527

Sets of Instruments for Renal Surgery—

4527 Kelly's Set, consisting of—

Calibrator 1	Cystoscopes, Nos. 8, 10, 12 and 14 ... 4		
Catheter, Pawlick's 1	Dilators 4		
Do. Kelly's 1	Evacuator 1		
Do. do. 1	Searcher 1		
Cotton Wool Probe 1	Wool Forceps 1		
Instruments fitted into metal frames, with sterilising tray, and the whole contained in a brass bound oak case, with lock and key		7	0	0

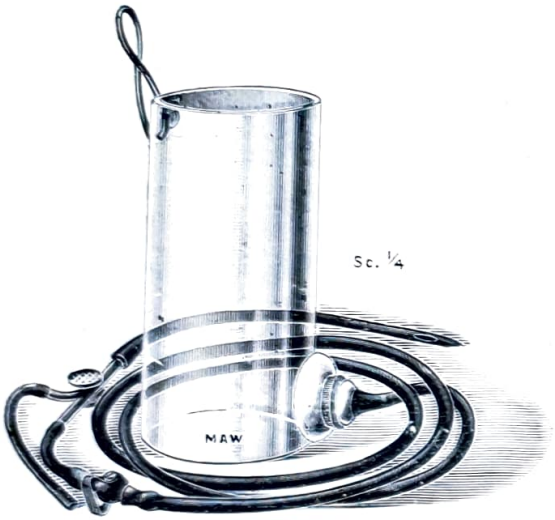
4528 Lucas's Set, consisting of—

Blunt Lance 1	Nephrectomy Scissors, slightly ... 1		
Calculus Forceps, angular ... 1	Do. do. curved ... 1		
Do. curved 1	Probe, 10 in. 1		
Lance Forceps... 1	Retractors, double hook ... 2		
Large Knife 1	Sclerotic, curved 1		
Nephrectomy Knife 1	Do. straight 1		
Nephrectomy Needle 1	Scalpels 2		
Instruments fitted into polished walnut case, with lock and key		10	10	0

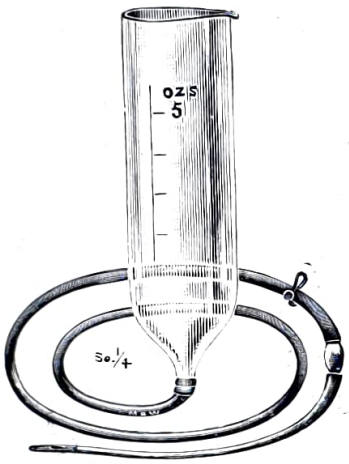
4529 Morris's Set, consisting of—

Artery Forceps, Wells's ... 1	Sims Forceps, with cup blades ... 1		
Bistoury (No. 4506) 1	Probing Needle 1		
Dissecting Forceps, 7 in. ... 1	Retractors, Morris's ... ... pair 2		
Clamp Forceps, curved ... 1	Scalpels 2		
Do. straight ... 1	Scissors, straight (No. 4504) ... 1		
Long Spring Forceps (No. 4510) 1	Scissors, grooved 2		
Sling Forceps, for clothing ... 1			
Instruments fitted into brass bound mahogany case, with lock and key ...		11	5	0

BLADDER AND URETHRA INSTRUMENTS.



4530

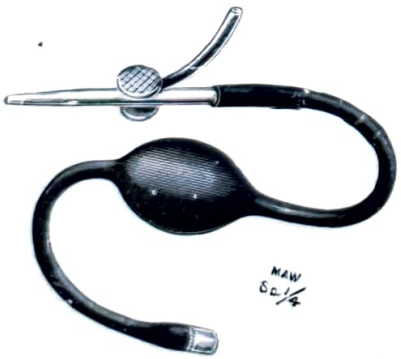


4531

No.	**Bladder Irrigators—**	*£*	*s.*	*d.*
4530	Harrison's, consisting of glass reservoir with wire hanger, 5 ft. of red india-rubber tubing, stop-cock, two-way metal pipe and india-rubber catheter	0	12	0
4531	Portable, consisting of glass cylinder with lip, graduated to 5 oz., 5 ft. of red india-rubber tubing, pinch-cock, glass mount, and india-rubber catheter	0	5	9



4534



4532



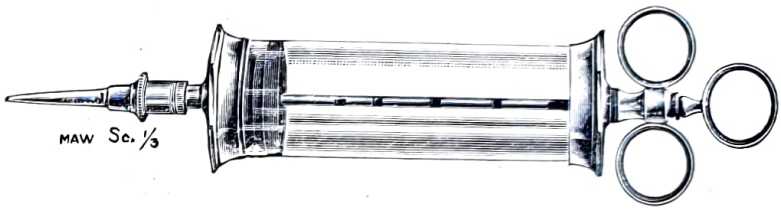
4535

4532	Buckston Browne's, india-rubber, with two-way metal pipe for use with catheter, in sponge bag	0	7	6
	Bladder Irrigator Pipes—			
4533	Metal, Buckston Browne's, nickel plated (as shewn in Illustration 4532) ...	0	5	6
4534	Vulcanite, conical, single way, with push-over cock	0	3	0
4535	Do. do. two-way, with taps	0	4	0

Bladder and Urethra Instruments—*continued.*



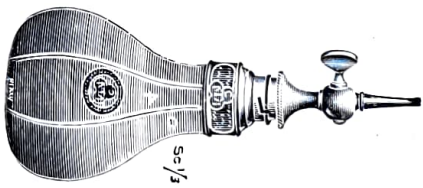
4536



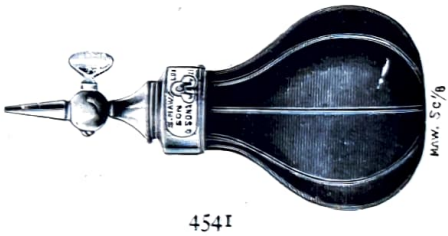
4537

No.	**Bladder Syringes**—	£	s.	d.
4536	Brass, with 3 rings, 4 oz. capacity	0	9	0
4537	Glass, with nickel plated mounts and pipe, and leather piston, 4 oz. capacity	0	9	0

As a lubricant for the above syringes, liquid paraffin (B.P.) is recommended in preference to oil.

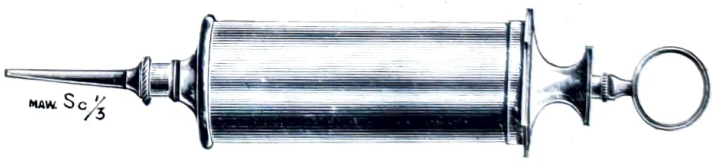


4538



4541

4538	India-rubber, Herring's, with bayonet catch nozzle, brass	0	7	6
4539	Do. do. do. do. silver plated	0	8	0
4540	Do. do. do. do. solid silver	1	10	0
4541	Do. Thompson's, with screw brass nozzle	0	7	0



4542

4542	Nickel plated, with solid metal piston, 4 oz. capacity, with 2 pipes	0	11	6

As a lubricant for the above syringes, liquid paraffin (B.P.) is recommended in preference to oil.

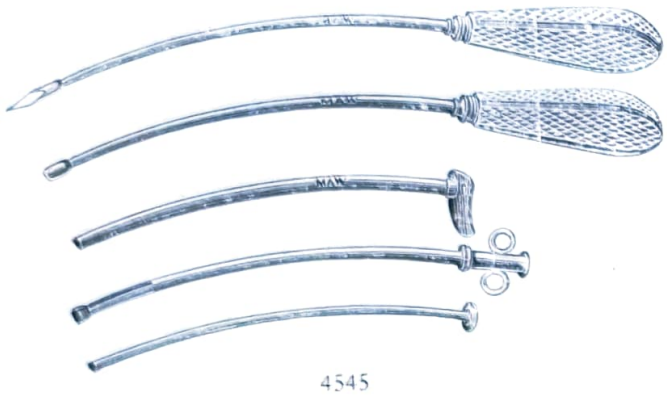


4543

Bladder Trocars, with metal handles—

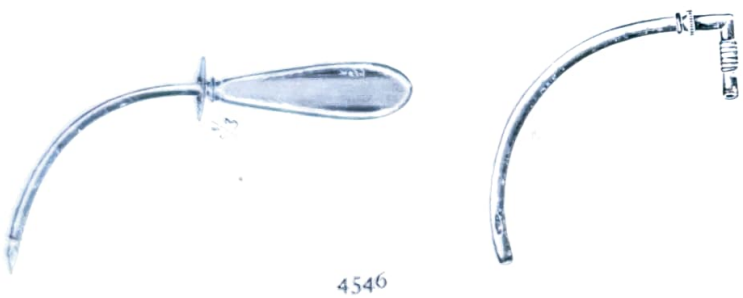
4543	Straight, for supra pubic puncture	0	8	6
4544	Curved, for puncture per rectum	0	10	0

Bladder and Urethra Instruments—*continued.*



4545

No.	**Bladder Trocars**—*continued.*	£	s.	d.
4545	Cock's, curved, for puncture per rectum ... ... per set, in leather case	2	0	0



4546

4546	Pearse's, for supra pubic puncture (as supplied in the Army operation cases), in leather case	1	3	6
4547	Do. do. without case	0	16	0

Bougies, elastic gum *(for illustrations, see following page)*—

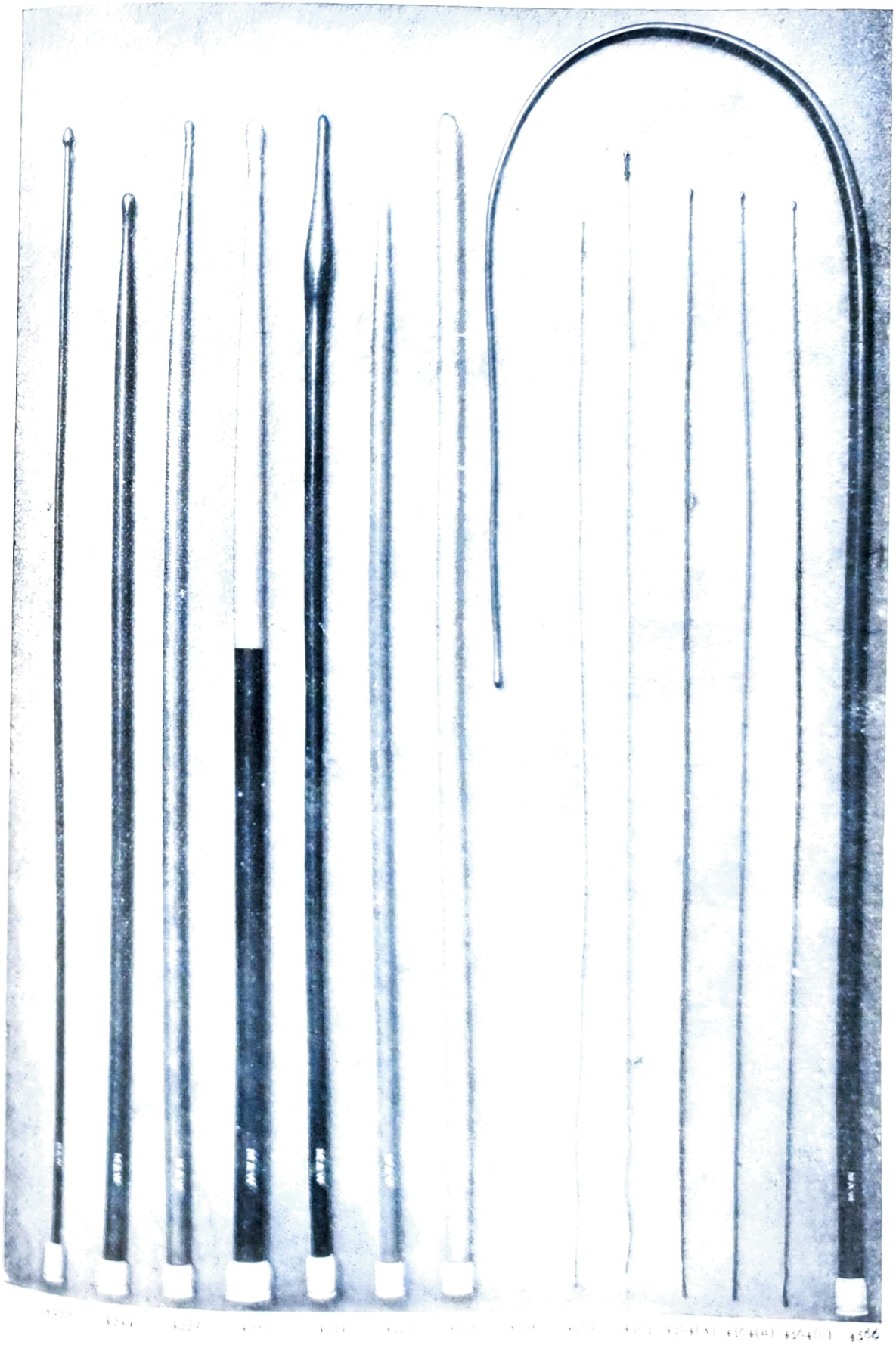
4548	Acorn tip, black, for ascertaining the exact position of a stricture, sizes 4–12 per doz.	0	18	0
4549	Bulbous, soft black, best quality, sizes 1–12 ... ... ,,	0	15	0
4550	Do. do. do. sizes 13–16 ... ... ,,	1	1	6
4551	Do. do. Herring's, with lead stilettes, long necks, very flexible, sizes 1–12 ... ... per doz.	0	18	6
4552	Bulbous, silk web, superfine, sizes 1–12 ... ... ,,	1	0	0
4553	Do. Swinford Edwards's, with softened lower half, sizes 1–12 ,,	1	4	0
4554	Bellied, soft black, best quality, sizes 6–12 ... ... ,,	1	12	0
4555	Conical, brown, double web, sizes 1–12 ... ... ,,	0	10	0
4556	Cylindrical, brown, double web, sizes 1–12 ... ... ,,	0	5	0
4557	Do. do. do. sizes 13–16 ... ... ,,	0	7	6
4558	Do. do. single web, sizes 1–12 ... ... ,,	0	3	0
4559	Do. soft black, sizes 1–12 ... ... ,,	0	10	6
4560	Do. do. sizes 13–16 ... ... ,,	0	13	6

Bougies, filiform, for tight strictures—

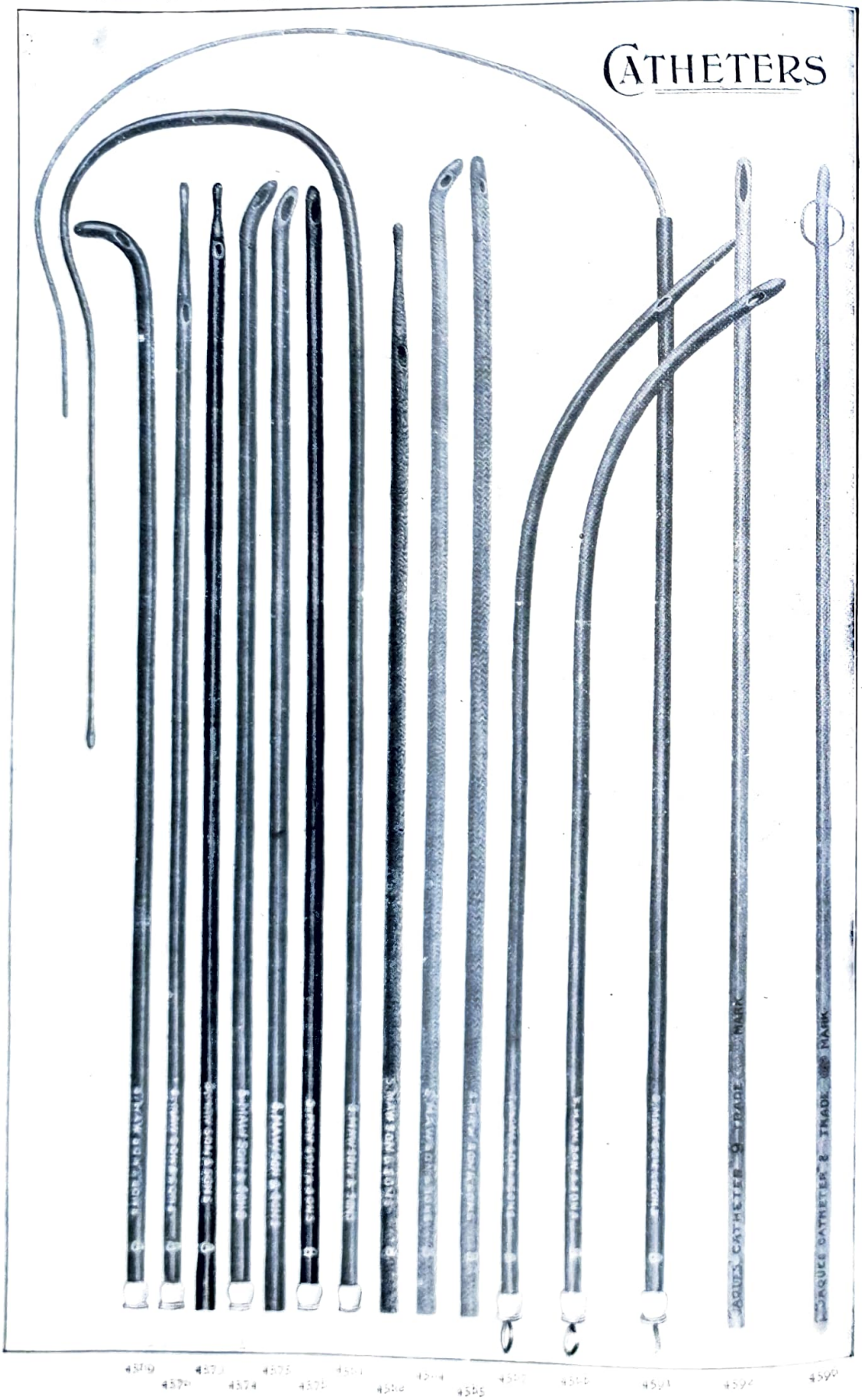
4561	Catgut, sizes up to No. 4 ... ... ,,	0	3	0
4562	Elastic gum, filiform, with "cork-screw" end ... ... ,,	0	18	0
4563	Silk web do. do. do. ... ... ,,	0	18	0
4564	Whalebone, Comley's, 3 varieties, A, B and C ... ... ,,	0	12	0
4565	Do. Annel's, tapering ... ... ,,	2	14	0
4566	Wisp, Harrison's, elastic gum, 9 sizes, 4–12 ... ... ,,	2	5	0
4567	**Bougie,** for introducing ointment, Casper's, metal grooved ... ... each	0	6	0
4568	**Bougies,** medicated, Chrystie's, 4½ in. long ... ... per box of nine doz.	0	1	9

Any rate medicated Bougies can be prepared specially to order.

Bladder and Urethra Instruments—*continued.*



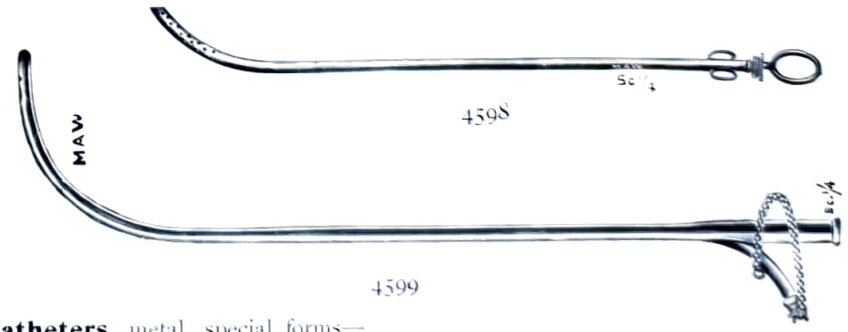
Bladder and Urethra Instruments—*continued.*



Bladder and Urethra Instruments—*continued.*

No.		£	s.	d.
	Catheters, black, elastic gum, with solid ends (for illustrations, *see previous page*)—			
4569	Bi-coudé, sizes 5-12 ... ... per doz.	1	4	0
4570	Bulbous or olivary, sizes 1–12 ... ... ,,	0	16	0
4571	Do. do. sizes 13-15 ... ... ,,	1	2	6
4572	Do. do. sizes 18-20 ... ... ,,	1	10	0
4573	Do. do. with short necks, very flexible, as recommended by Herring, sizes 1-12 ... ... per doz.	0	18	0
4574	Coudé, sizes 5-12 ... ... ,,	0	19	0
4575	Do. Herring's, semi-coudé, with large eye and thin walls, sizes 5-12 per doz.	1	0	0
4576	Do. Buckston Browne's, do. do. do. sizes 5-12 per doz.	1	0	0
4577	Do. with two eyes, sizes 5-12... ... ... ,,	1	4	0
4578	Cylindrical, sizes 5-12 ... ... ,,	0	11	6
4579	Do. sizes 13-16 ... ... ,,	0	16	0
4580	Sonde á vis, Phillips's, with guide ... ... ,,	3	6	0
4581	Whip, Harrison's, sizes 4–12 ... ... ,,	2	5	0
	Catheters, silkweb, elastic gum, with solid ends (for illustrations, *see previous page*)—			
4582	Bulbous or olivary, sizes 1-12 ... ... per doz.	1	4	0
4583	Do. do. sizes 13-16 ... ... ,,	1	8	0
4584	Coudé, sizes 5-12 ... ... ,,	1	10	0
4585	Cylindrical, sizes 1-12 ... ... ,,	1	2	0
4586	Do. sizes 13-16 ... ... ,,	1	6	0
	Catheters, brown, elastic gum, with solid ends (for illustrations, *see previous page*)—			
4587	Conical, with wire stilette, sizes 4-12 ... ... per doz.	0	12	0
4588	Cylindrical do. sizes 1-12 ... ... ,,	0	9	0
4589	Do. do. sizes 13-16 ... ... ,,	0	13	6
4590	Do. do. for prostatic cases, sizes 6-12 ... ,,	0	19	0
4591	Railway, with terminal opening and catgut guide, sizes 4–12... ,,	1	1	0
	Spare catgut guides for do. ... ... ,,	0	7	6
	Catheters, india-rubber, cylindrical, with solid ends* (for illustrations, *see previous page*)—			
4592	Jaques's, with rounded extremity, sizes 4-12 ... ... per doz.	0	15	0
4593	Do. do. do. sizes 13-15 ... ... ,,	0	18	0
4593*a*	Do. do. do. sizes 16-18 ... ... ,,	1	4	0
4594	Do. with pointed extremity, sizes 6-12 ... ... ,,	0	15	0
4595	Do. do. do. sizes 13-15 ... ... ,,	0	18	0
4595*a*	Do. do. do. sizes 16-18 ... ... ,,	1	4	0
4596	Self-retaining, with stilette and plug, hollow end, sizes 6-12 ... ,,	2	11	0
4597	Double channel ... ... ,,	1	10	0

All the above Catheters are numbered according to the English scale.



4598

4599

Catheters, metal, special forms—

4598	Erichsen's, silver, for the application of nitrate of silver	1	3	0
4599	Double channel, silver plated, for washing out the bladder	0	12	6

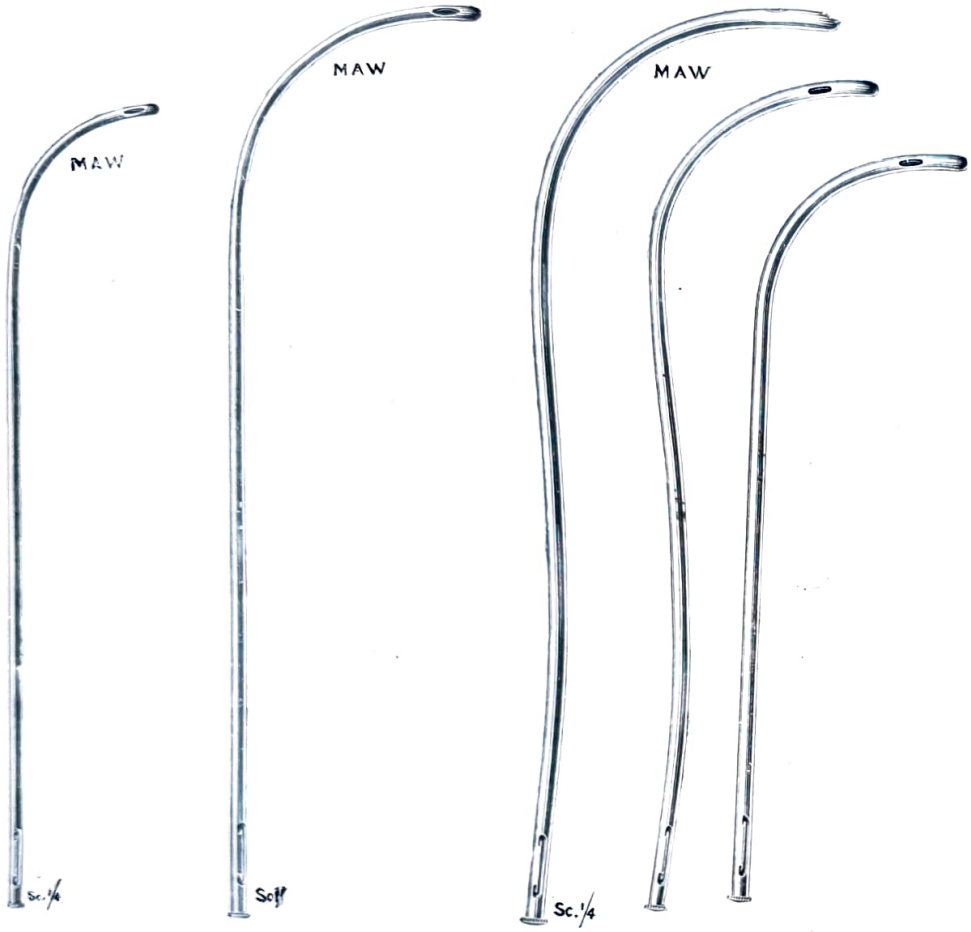


4600

4600	Gouley's "Tunnelled," with whalebone guide, for tight strictures	0	7	6

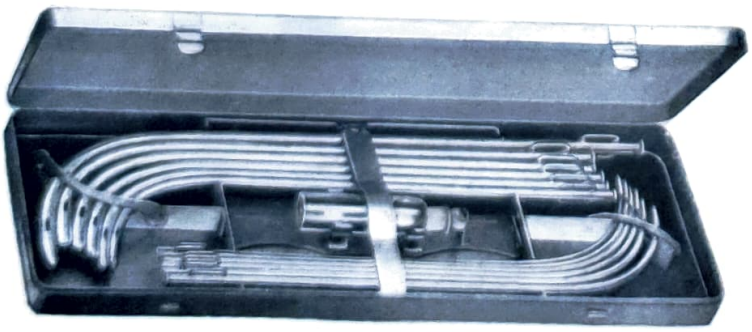
* Except Nos. 4575, 4579, and 4596, which have hollow ends.
India-rubber Catheters can be supplied with hollow ends at a reduction of 3/- per doz.

Bladder and Urethra Instruments—*continued.*



4601 4604 4606

No.		£	s.	d.
	Catheters, metal, ordinary form, with solid ends—			
4601	Silver, No. 1, 5/–; No. 2, 5/–; No. 3, 6/–; No. 4, 6/–; No. 5, 6/6; No. 6, 7/–; No. 7, 7/6; No. 8, 8/6; No. 9, 9/–; No. 10, 10/–; No. 11, 10/6; No. 12	0	11	0
4602	Electro plated, sizes 1-12 ... ... each	0	3	0
4603	Nickel plated, sizes 1-12 ... ... ,,	0	2	0
	Catheters, metal, prostatic, with solid ends—			
4604	Silver, No. 6, 11/–; No. 7, 11/6; No. 8, 12/–; No. 9, 12/6; No. 10, 13/–; No. 11, 13/6; No. 12	0	14	6
4605	Electro plated, sizes 6-12 ... ... each	0	4	6
4606	Do. Thompson's, with double curve, sizes 6-12 ... A, 4/6; B, 5/6; C	0	6	6

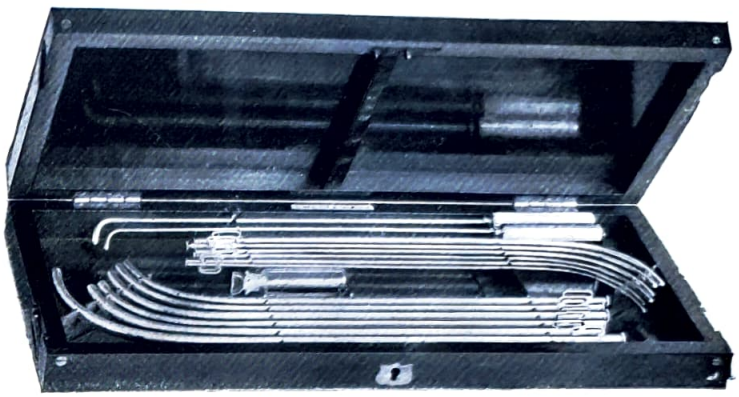


4607

Catheters, metal, in sets, in aseptic metal case

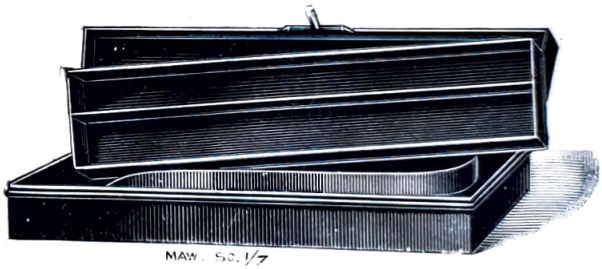
4607	Set of 12, solid ends, including one prostatic ... electro plated 60/–; silver	5	11	0
4608	Set of 6, solid ends, including one prostatic ... ,, ,, 36/–; ,,	3	4	6

Bladder and Urethra Instruments—*continued.*



4609

No.		£	*s.*	*d.*
	Catheters, metal, in sets, in polished walnut cases—			
4609	Set of 12, solid ends, including one prostatic ... electro plated, 54/– ; silver	5	5	0
4610	Set of 6 do. do. do. ... ,, ,, 31/6 ; ,,	3	0	0
	The above illustration shows two bladder sounds, which are not now supplied in the sets unless specially ordered.			
	Catheters, metal, in sets, in leather cases—			
4611	Set of 12, solid ends, including one prostatic ... electro plated, 48 – ; silver	4	19	0
4612	Set of 6 do. do. do. ... ,, ,, 23 6 ,,	2	17	0
	Catheters, Female (*see page* 49)			



4613



4622

4613	**Catheter Box,** japanned tin, with tray for straight catheters, and division in lower part for curved catheters	0	7	6
	(***See also Catheter Sterilizers, pages 173 and 174***).			
	Catheter Cases, with pull-off lid, for elastic gum catheters—			
4614	Japanned tin ... ... for 4 catheters, 1 6 ; for 12	0	2	6
4615	Leatherette, for 3, 6 or 12 catheters	0	1	6
4616	**Catheter Clips or Pinch-cocks,** spring, nickel plated ... per doz.	0	6	0
	Catheter Gauges—			
4617	Ivory, round, for pocket use, No. 1-12 (English scale)...	0	2	6
4618	Metal, oblong, Nos. 1-16 (English scale), with openings at side	0	13	6
4619	Do. do. Nos. 1-30 (French scale), with holes	0	4	6
4620	**Catheter Plugs,** Ivory ... ... per doz.	0	9	0
4621	Do. do. Boxwood ... ... ,, ,,	0	2	6
4622	**Catheter Washers,** nickel plated, to fit any ordinary size tap, 2 sizes, ½ in., 4 9 ; and ⅝ in.	0	5	6



4623

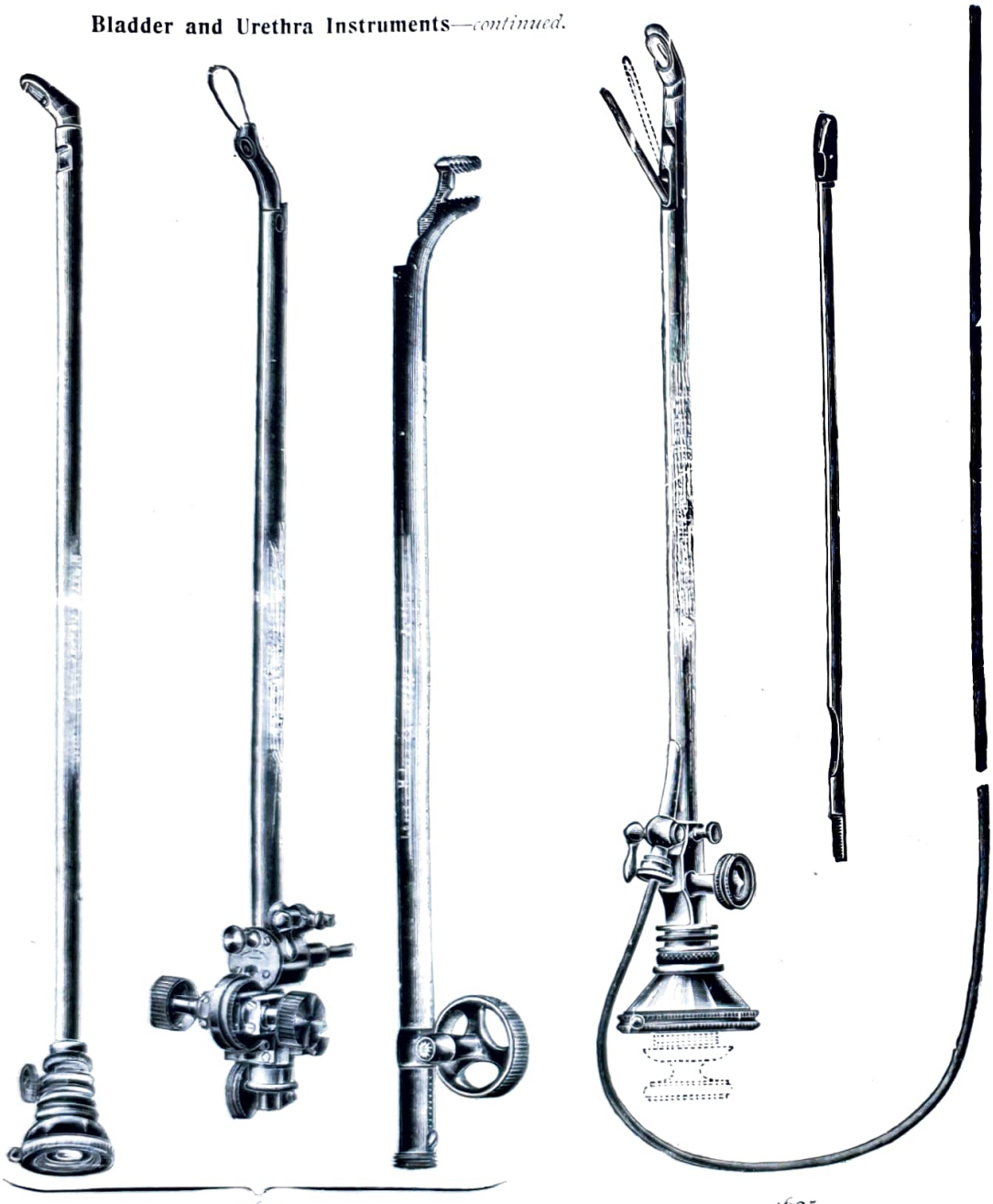
Cystoscopes

4623	Nitze's, for examination of the interior of the bladder, with cords and spare lamp, in case...	4	16	0

This instrument requires about 5 volts and 1·5 ampères, and can be worked either by a battery (*see page* 350), or by an accumulator (*see page* 385).

The usual diameter of a cystoscope is No. 21 (French gauge), but they can be supplied as small as No. 16 or No. 15 if required. It must be remembered, however, that with the smaller sizes the view obtained is more limited.

Bladder and Urethra Instruments—*continued.*



4624 4625

No.	**Cystoscopes**—*continued.*	£	s.	d.
4624	Nitze's, with apparatus for removal of growths from bladder and for crushing small stones, etc., complete with spare lamp, in case	24	15	0
4625	Nitze's or Casper's, with apparatus for introducing a catheter into the ureter and for washing out bladder, including elastic-gum ureter catheter and spare lamp, in leather case	9	0	0

All cystoscope lamps require about 8 volts and 1·3 ampère, and can be worked either by a battery (*see page* 382) or by an accumulator (*see page* 385).

NOTE.—For successful examination by the cystoscope it is necessary that the bladder should contain about 6 or 8 ounces of clear urine or water. If the urine is thick the bladder should be washed out previous to examination.



4626

4626 **Ointment Introducer for Urethra,** Smith's, with 3 pipes, vulcanite, 5/6; each 0 2 9

Bladder and Urethra Instruments—*continued.*



4627

No.	**Perineal Section Instruments**—	£	*s.*	*d.*
4627	Cock's knife, solid forged...	0	5	0



4628



4629



4630

Directors—

4628	Cock's, with wide groove for catheter	0	7	6
4629	Teale's, for Wheelhouse's operation	0	3	6
4630	Treves's, with angular handle	0	9	0



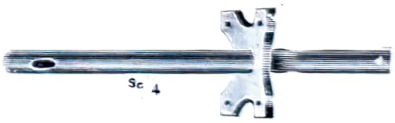
4631



4633

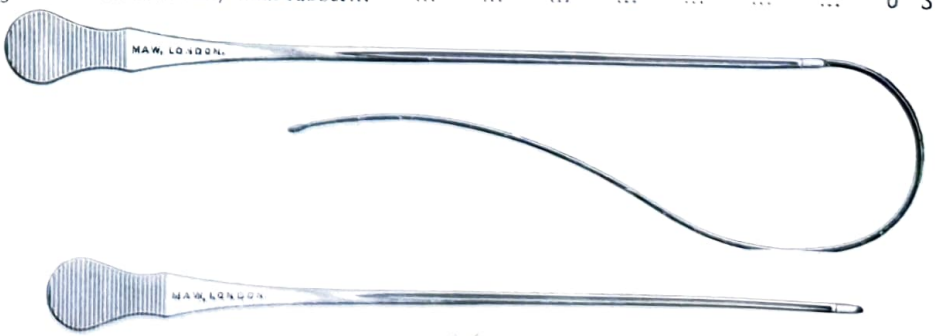


4634



4635

4631	Gorget, Teale's, for Wheelhouse's operation	0	5	6
	Perineal Drainage Tubes—			
4632	Silver, Watson's, 3 sizes, Nos. 12, 14 and 16 ... ... each	0	10	6
4633	Elastic gum, with silver mount, 3 sizes, 14, 16 and 18 gauge ... ... ,,	0	3	0
4634	Reginald Harrison's, 3 sizes, 12, 14 and 16 m m diameter ... ... ,,	0	6	0
4635	Whitehead's, india-rubber...	0	3	6

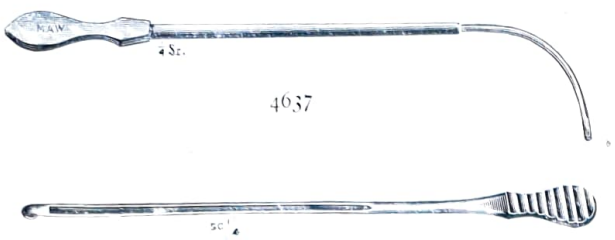


4636

Staffs—

4636	Morris's, with elastic gum "Ferret" or Guide	0	11	6
	Spare "Ferrets" for do., with screw mounts	0	2	6

Bladder and Urethra Instruments—*continued.*



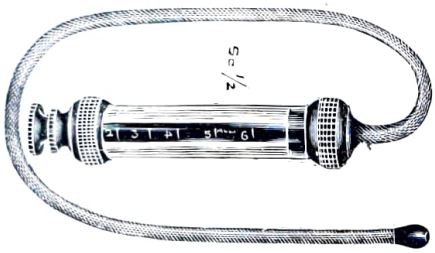
4637

4638

No.	**Perineal Section Instruments**—*continued.*	£	*s.*	*d.*
4637	Staff, Symes's	0	5	6
4638	Do. Wheelhouse's	0	5	0



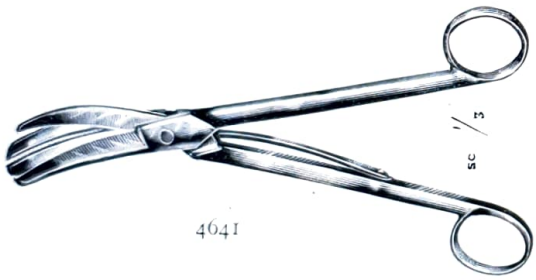
4639



4640

4639 **Petersen's Bag,** for distending the rectum whilst performing supra pubic cystotomy 0 8 6

4640 **Prostate Syringe,** Guyon's, 60 minims, with vulcanite mounts, in leather case 0 7 0



4641

4641 **Scissors,** with clamp, Herring's, for removing growths from bladder ... 0 16 6

Scissors, Prostate—

4642 Jessop's, 3 sizes ... ... $\frac{3}{8}$ in. 11/6; $\frac{1}{2}$ in. 12 6; $\frac{5}{8}$ in. 0 13 6



4643

4643 **Scoop,** Simon's, for scraping out growths from the female bladder, 3 sizes, $\frac{5}{8}$ in., $\frac{3}{4}$ in. and $\frac{1}{2}$ in. with solid forged handle, each 0 9 0



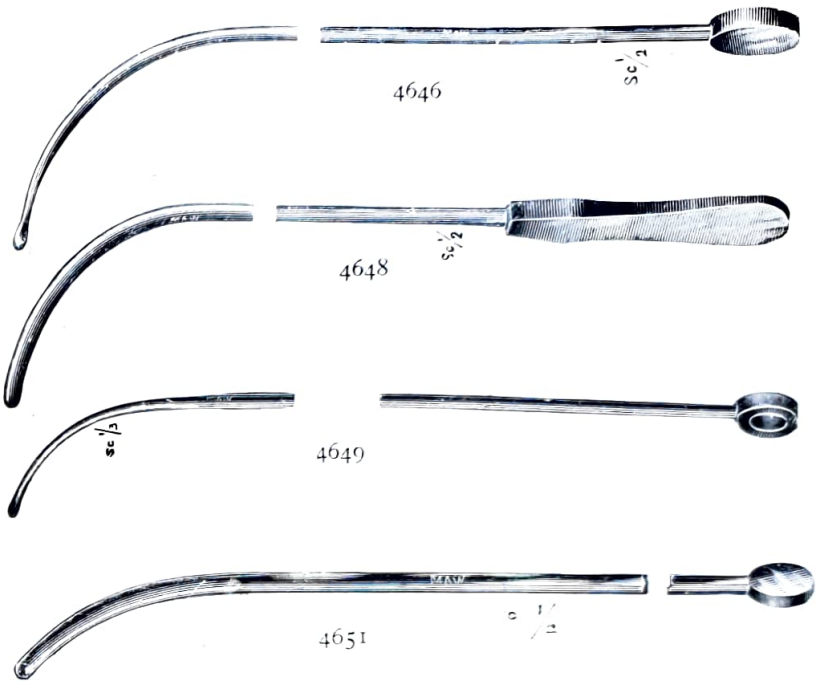
4644

Sounds, Dilating, or Metal Bougies—

4644 Clutton's, with tapering point, 12 sizes (French gauge), 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, each 0 5 6

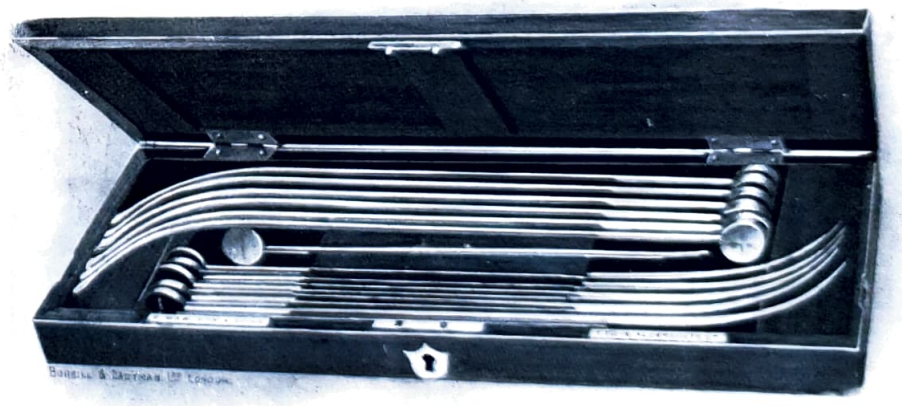
4645 Flexible metal, sizes 1 12 (English scale) ... ... doz. 0 9 0

Bladder and Urethra Instruments—*continued.*



No.	**Sounds, Dilating**—*continued.*		£	s.	d.
4646	Lister's, with bulbous end, 12 sizes, $\frac{0}{2}$–$\frac{9}{12}$	each	0	4	0
4647	Do. do. extra large, $\frac{10}{13}$–$\frac{15}{18}$	,,	0	5	0
4648	Liston's, cylindrical, 12 sizes, No. 1–12...	,,	0	4	3
4649	Nicoll's, bulbous, with bellied shaft, 8 sizes, $\frac{2}{6}$, $\frac{3}{8}$, $\frac{4}{10}$, $\frac{5}{12}$, $\frac{6}{14}$, $\frac{7}{16}$, $\frac{8}{18}$, $\frac{9}{20}$	,,	0	6	6
4650	Thompson's, 7 sizes, $\frac{6}{8}$, $\frac{7}{9}$, $\frac{8}{10}$, $\frac{9}{11}$, $\frac{10}{12}$, $\frac{11}{13}$, $\frac{13}{15}$	,,	0	6	0
4651	Chiene's, 12 sizes, No. $\frac{0}{1}$, $\frac{1}{2}$, $\frac{1}{3}$, $\frac{2}{4}$, $\frac{3}{5}$, $\frac{4}{6}$, $\frac{5}{7}$, $\frac{6}{8}$, $\frac{7}{9}$, $\frac{8}{10}$, $\frac{9}{11}$, $\frac{10}{12}$	,,	0	4	6

All the above Sounds except Clutton's are graduated according to the English scale.

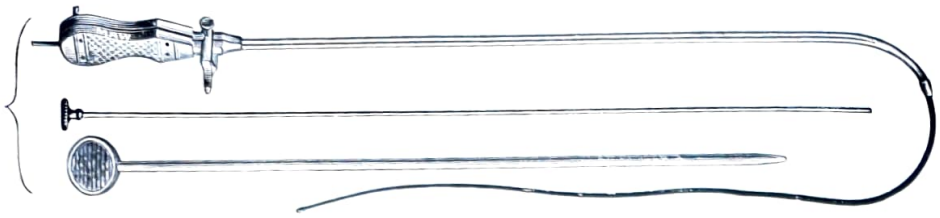


4654

	Sounds, Dilating, or Metal Bougies, in sets.		In polished walnut case.			In aseptic metal case.		
			£	s.	d.	£	s.	d.
4652	Chiene's, set of 12	per set	3	5	0	3	10	0
4653	Clutton's, set of 12	,,	4	0	0	4	5	0
4654	Lister's, set of 12	,,	3	0	0	3	5	0
4655	Liston's, set of 12	,,	3	3	0	3	8	0
4656	Nicoll's, set of 8	,,	3	7	6		—	
4656a	Thompson's, set of 7	,,	3	0	0		—	

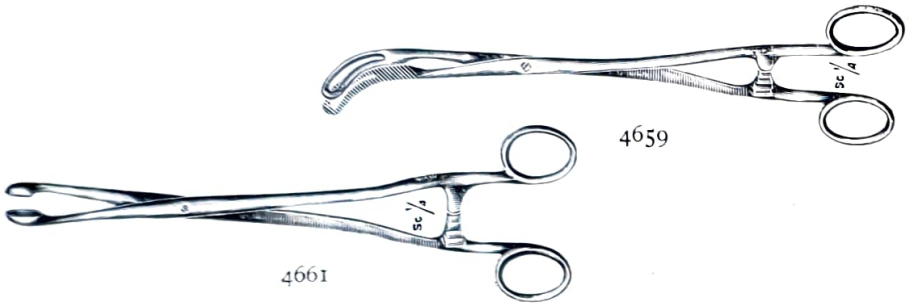
Any of the above Sounds can be supplied in leather cases, if desired, at 6 – per set less than in the walnut cases.

Bladder and Urethra Instruments—*continued.*



4657

No.	**Stricture Dilators**—	£	*s.*	*d.*
4657	Reginald Harrison's modification of Holt's, with 8 canulæ and elastic gum guide, in leather case, as recommended by Henry Morris	4	10	0
4658	Thompson's...	1	10	0

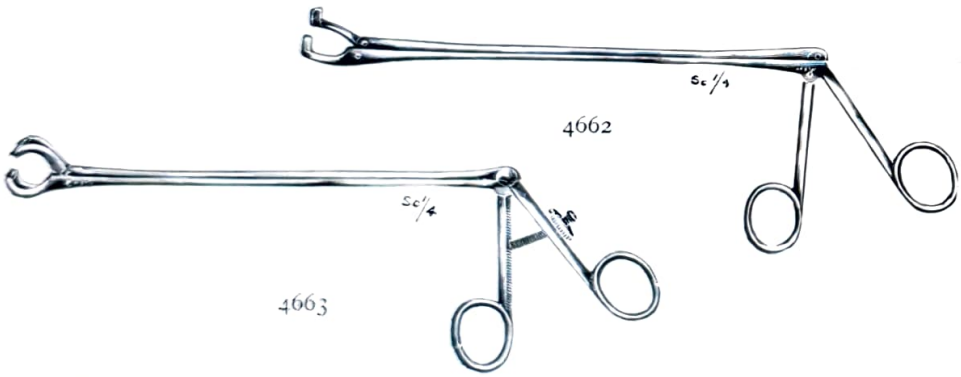


4659

4661

Tumour or Bladder Forceps, for removing papilomatous growths, etc.—

4659	Fenwick's, fenestrated, curved	0	14	0
4660	Do. do. straight	0	10	0
4661	Do. straight, with scoop jaws	0	14	0



4662

4663

4662	Thelwall Thomas's...	1	8	6
4663	Do. do. fenestrated	1	11	6



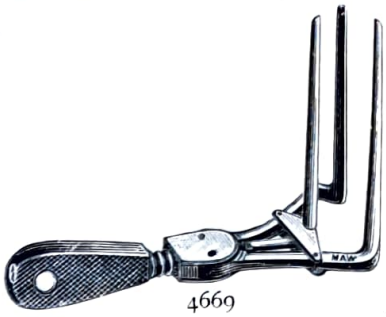
4664 4665 4666 4667

4664	Thompson's, straight	0	10	0
4665	Do. curved	0	10	6
4666	Do. rectangular	0	11	6
4667	Do. fine, with crank bend for neck of bladder	0	9	6

Bladder and Urethra Instruments—*continued.*



4668



4669

No.		*£*	*s.*	*a.*
	Urethra Dilators, Female—			
4668	Bryant's, vulcanite ... ... per set of 3	0	7	6
	Kelly's (*see page* 154).			
4669	Three-bladed, screw action	2	2	0

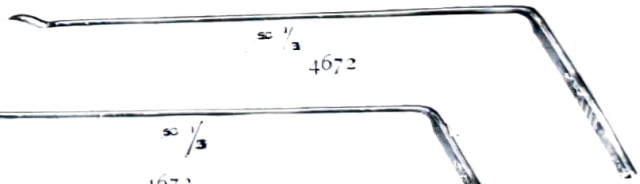


4670

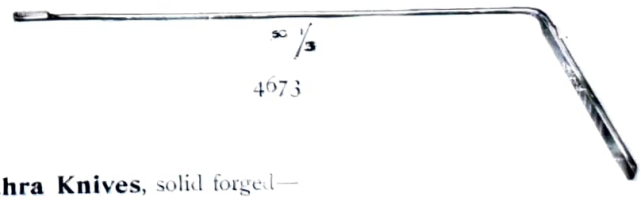


4671

4670	**Urethra Insufflator,** metal, with india-rubber ball	0	8	6
4671	**Urethra Irrigator,** Reginald Harrison's, consisting of glass cylinder with metal hanger, india-rubber tubing with ball, metal sinker, vulcanite U-piece, vulcanite pipe with tap, and india-rubber bung	0	12	6



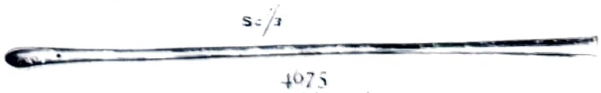
4672



4673

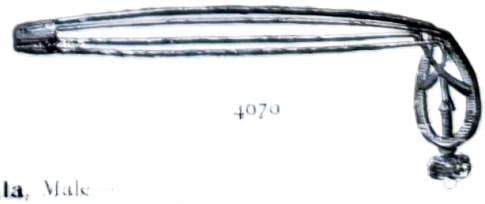
Urethra Knives, solid forged—

4672	Burghard's, sickle shaped	0	8	6
4673	Do. blunt ended	0	8	6
4674	Otis's, for enlarging meatus	0	6	6



4675

4675	**Urethra Pipe,** metal, aseptic, for use with syringe	0	3	6

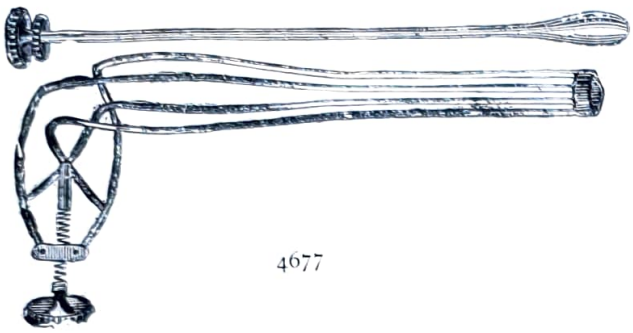


4676

Urethra Specula, Male—

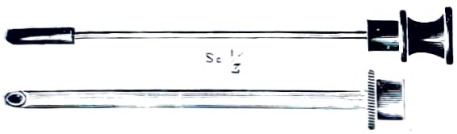
4676	Smith's, wire, with mirror and lens in case	0	18	6

Bladder and Urethra Instruments—*continued.*



4677

No.	**Urethra Specula**, Male—*continued.*	£	*s.*	*d.*
4677	Smith's, wire, with screw and obturator	0	15	0



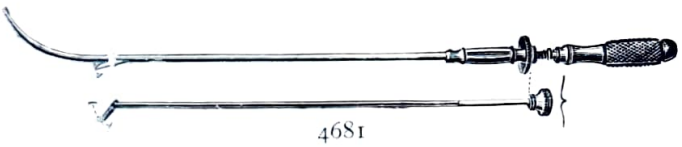
4678

4678	Pick's, plated, straight	0	7	6
4679	Do. do. curved	0	8	6



4680

4680	**Urethrometer**, Otis's	3	3	0

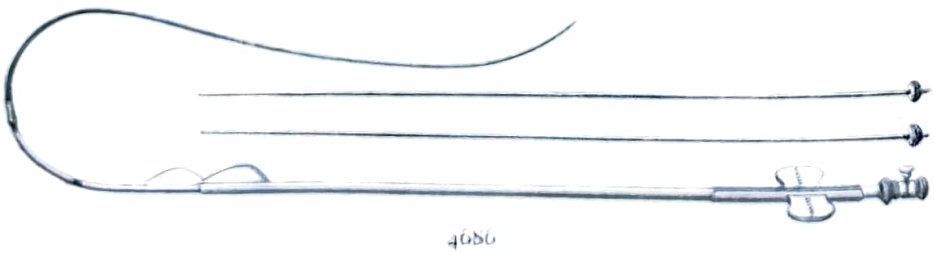


4681

4683

Urethrotomes—

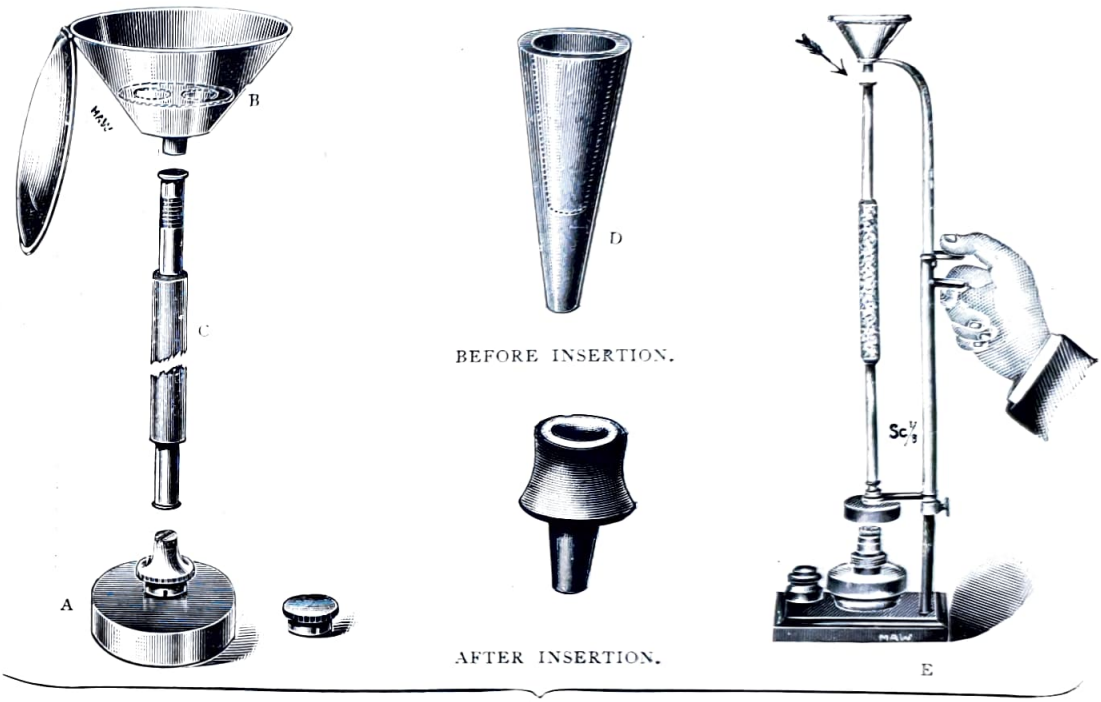
4681	Berkeley Hill's, with metal handle, complete in case	2	10	0
4682	Durham's, 4-bladed, with 2 guides, complete in case	3	3	0
4683	Maisonneuve's, with 2 blades, complete in case...	2	0	0
4684	Otis's, complete in case	4	0	0
4685	Reginald Harrison's, with 2 guides, complete in case	2	5	0



4686

4686	Trevan's, with 2 guides, complete in case	2	2	0
4687	Thompson's	2	5	0

APPARATUS
FOR
STERILISATION OF ELASTIC GUM CATHETERS, Etc.



4688

No.

For Sterilisation by Boiling—

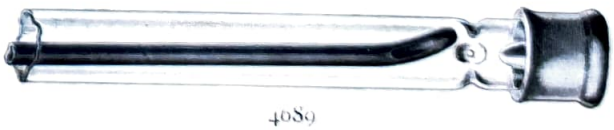
4688 Herring's Apparatus for Patient's use (registered),* to sterilise each catheter separately, consisting of—

	£	s.	d.
(1) Flask (A)	0	4	0
(2) Funnel (B)	0	5	0
(3) Metal tubes (6) (C) each	0	1	1
(4) India-rubber plugs (12) (D) ... per doz.	0	4	6
(5) Stand and holder (E) ...	0	12	6
(6) Stoppered bottles (2) each	0	0	5
(7) Glass syringe	0	0	6
(8) Measure glass, conical ...	0	0	6
(9) Spirit lamp (F)	0	2	6
(10) Catheter syringe (No. 4538)	0	7	6
(11) Metal box for wool soaked in biniodide solution ...	0	1	6

Complete in japanned tin case ... ... £ 3 0 0

By this system the catheter is both sterilised by boiling and at the same time lubricated with a sterile lubricant (Paraffinum Liquidum B.P.).

Any part of the above apparatus can be supplied separately if required.



4689

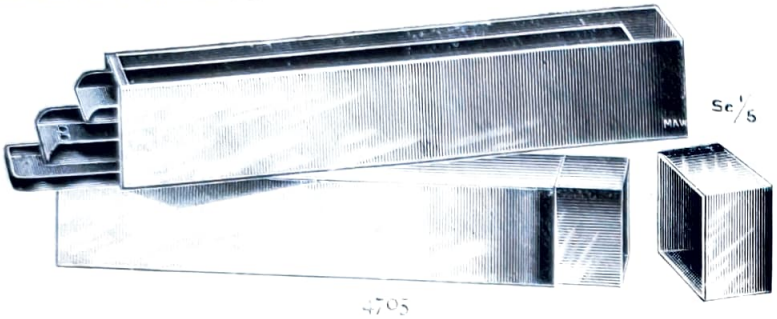
Glass Tubes, for use with the apparatus, No. 4688

		£	s.	d.
4689	With constriction at one end to prevent catheter from slipping through ...	0	1	3
4690	Without constriction	0	1	0

Two india-rubber plugs are supplied with each of the above tubes.

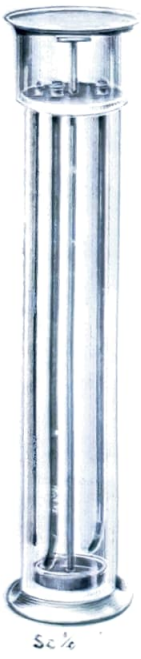
* A full description of the apparatus will be found in Herring's "Sterilisation of Urethral Instruments."

Apparatus for Sterilisation of Elastic Gum Catheters — *continued.*

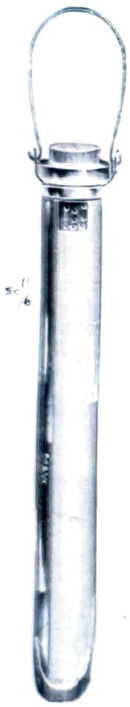


4705

No.	**By Formalin Vapour**—*continued.*	*£*	*s.*	*d.*
4705	Janet's, nickel plated, with 3 trays, for hospital use, 16½ in. by 3 in. by 3 in., the lower tray being used for trioximethyline	2	0	0



4706

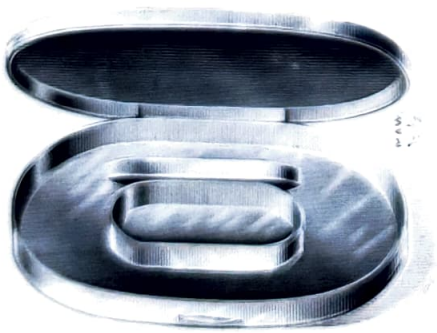


4707



4709

4706	Glass Jar on foot, with perforated diaphragm for suspending the catheters, and tray for trioximethyline	0	8	0
4707	Glass Tube, with india-rubber bung and metal loop for hanging, fitted with perforated box for wool soaked with Formalin solution	0	7	6
4708	Nicoll's, or Mansell Moullin's, with small metal box attached to cork for carrying wool soaked with Formalin solution...	0	7	6
4709	Metal Tubes, with receptacle at end for trioximethyline, or for wool soaked with Formalin solution ... ... for 1 catheter, 5 - ; for 3	0	5	6



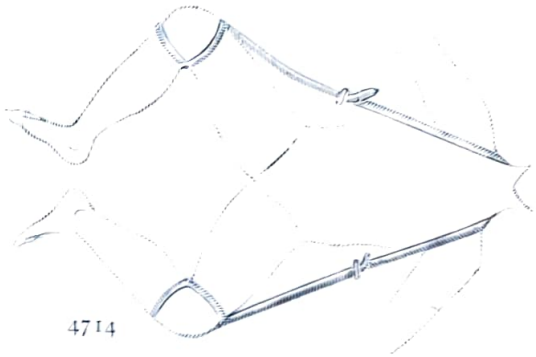
4710

4710	Metal Box, for pocket use, fitted with perforated inner box for trioximethyline [illegible]	0	4	6

LITHOTOMY INSTRUMENTS.

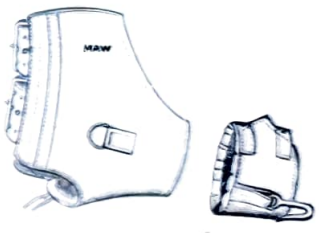


4711


4714

No.	**Crutches, Straps, etc.**—	£	*s.*	*d.*
4711	Clover's Crutch, complete	2	0	0
4712	Do. do. cheaper quality...	1	8	0
4713	Do. do. Morris's modification, with swivels	1	10	0
4714	Lucy's Straps ... ... leather, 27/– ; web	0	18	0


4715

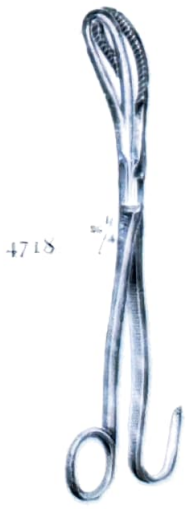


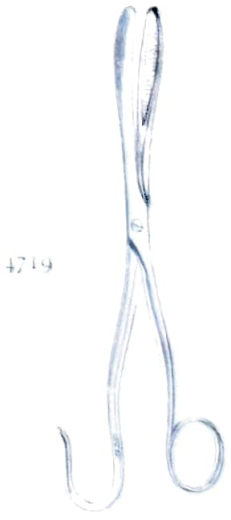
4716

4715	Wristlets and Anklets, Mason's	0	15	6
4716	Do. do. Pritchard's	0	19	6


4717

4717	**Gorget,** with blunt end	0	6	9


4718


4719

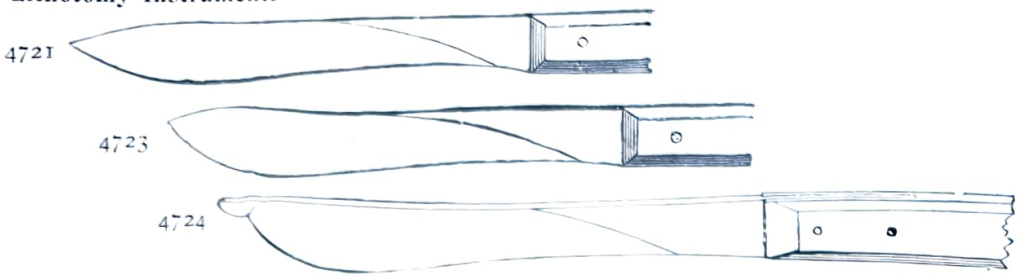

4720

Lithotomy Forceps

4718	Jacobson's, with fenestrated blades, disjointing	0	14	6
4719	Thompson's, straight ... ... 7 in., 6/6 ; 10 in.	0	9	6
4720	Do. curved ... ... 7 in., 7/0 ; 10 in.	0	10	0

If supplied with disjointing blades, 1/– each extra.

Lithotomy Instruments—*continued.*

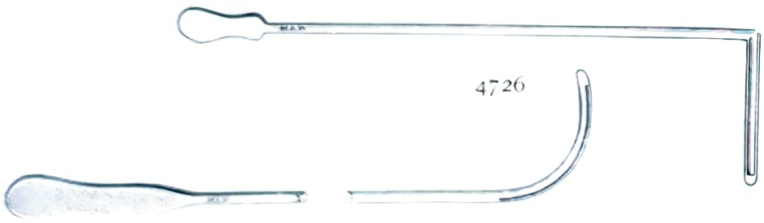


No.		£	s.	d.
	Lithotomy Knives, solid forged—			
4721	Fergusson's, sharp pointed	0	5	6
4722	Do. blunt pointed	0	5	6
4723	Liston's	0	5	6
4724	Thompson's	0	6	3



4725

4725	**Lithotomy Scoop,** double ended, 2 sizes ... ... each	0	5	0



4726

4726 4727 4728

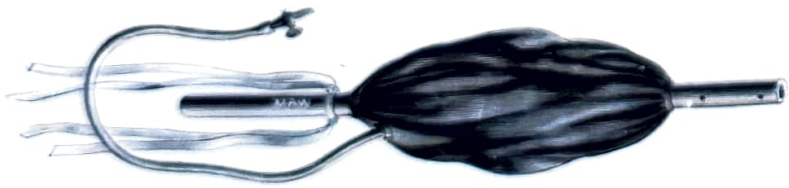
Lithotomy Staffs—

4726	Buchanan's, rectangular	0	7	0
4727	Fergusson's, with lateral groove	0	5	6
4728	Do. with central do.	0	5	6



4729 4730

4729	Female	0	4	6
4730	Key's, straight	0	5	0



4731

Lithotomy Tubes—

4731	Buckston Browne's, with india-rubber inflating bag, for arresting hæmorrhage	0	7	6
4732	Elastic gum, with petticoat, sizes 14, 15 and 16	0	6	0

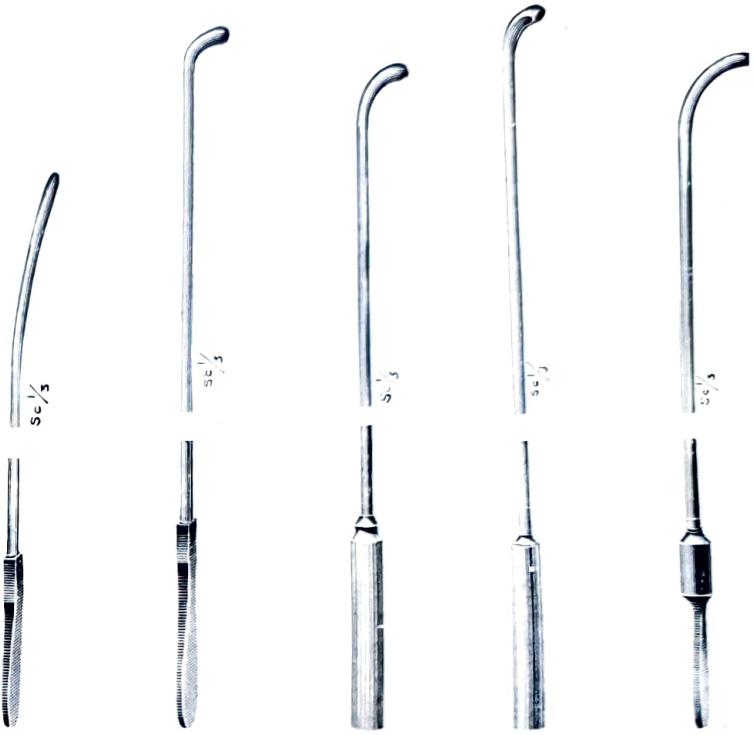
(See also Perineal Drainage Tubes, page 165.)



4733

4733	**Retractor,** supra pubic, Greig Smith's	0	4	6

Lithotomy Instruments—*continued.*



4734 4735 4736 4737 4738

No.	**Sounds—**	£	*s.*	*d.*
4734	Female	0	4	0
4735	Mercier's, bulbous	0	5	0
4736	Thompson's, short beak, with cylindrical handle	0	6	0
4737	Do. do. flattened on either side	0	7	0
4738	Do. improved model, modified by Herring	0	6	9



4739

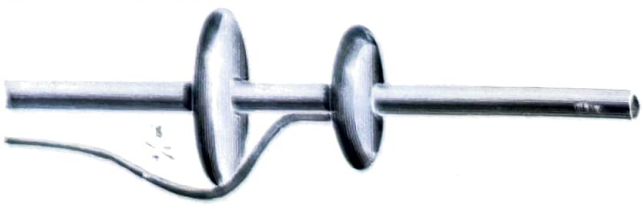
4739	Thompson's, hollow, with stop-cock, graduated, for gauging the size of the stone	0	13	6
4740	Do. do. without stop-cock	0	9	6



4741 4742

Supra pubic Drainage Tubes—

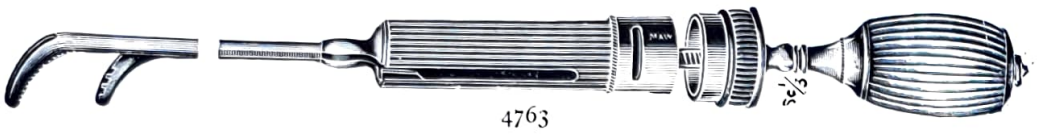
4741	Buckston Browne's, india-rubber, with plated shield	0	15	0
4742	Thompson's, india-rubber, with shield and tap...	0	8	6



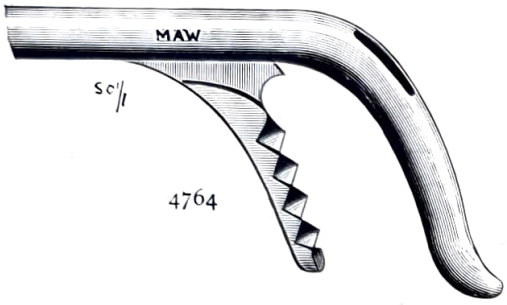
4743

4743	India-rubber, with inflatable tampon	0	9	6

Lithotrity Instruments—*continued.*

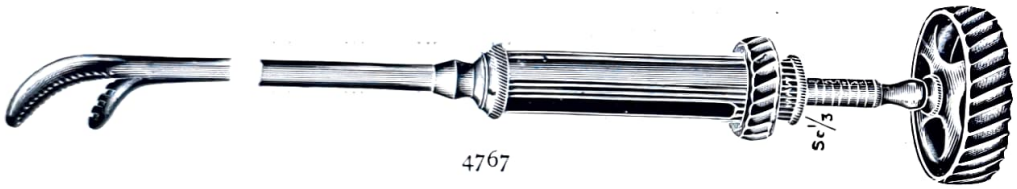


4763



4764

No.	**Lithotrites**—	£	*s.*	*d.*
4763	Bigelow's, fenestrated	6	10	0
4764	Do. semi-fenestrated, with toe curved forward	6	10	0
4765	Freyer's, with handle and lock as No. 4763, and with fenestrated female blade as Thompson's No. 4769	6	10	0
4766	Herring's, with handle as No. 4763, and with lock and female blade as No. 4769	6	10	0



4767

4767	Milton's, fenestrated	6	6	0
4768	Do. extra powerful, with 4½ in. grip for large stones -	7	7	0



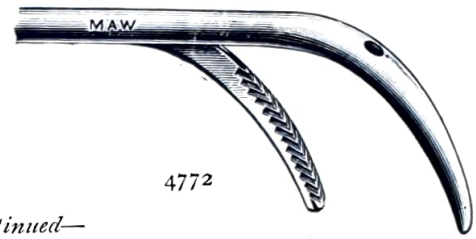
4769



4769 4770 4771

4769	Thompson's, fenestrated, for large stones	5	5	0
4770	Do. semi-fenestrated, for small stones	5	5	0
4771	Do. non-fenestrated, with flat female blade, for soft stones ...	5	5	0

Lithotrity Instruments—*continued.*



4772

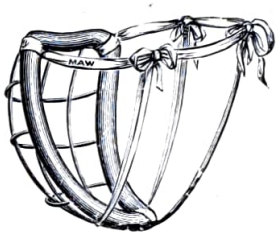
No.	**Lithotrites**, *continued*—	£	s.	d.
4772	Thompson's, light model, for children, with handle, etc., as No. 4769 ...	5	5	0



4773

4773	Teevan's, with Thompson's handle	7	7	0

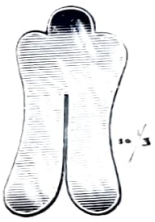
PHIMOSIS INSTRUMENTS.



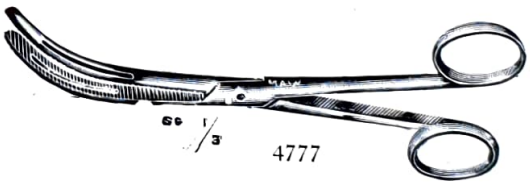
4775



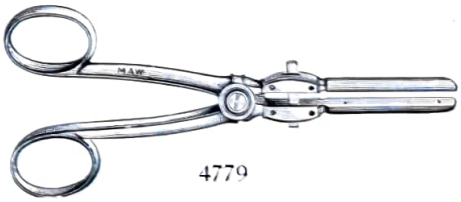
4778



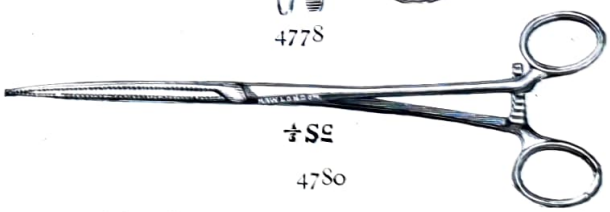
4776



4777

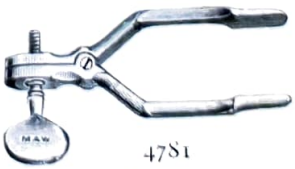


4779



4780

4774	**Circumcision Clamp**, Clover's, vulcanite	0	7	6
4775	**Circumcision Guard**, wire	0	4	0
4776	**Circumcision Shield**, Jewish pattern, plated	0	3	0
	Phimosis Forceps—			
4777	London Hospital pattern	0	12	6
4778	Ricord's	0	6	6
4779	Parallel blades	0	15	0
4780	Flexible blades, 6 in.	0	9	6



4781

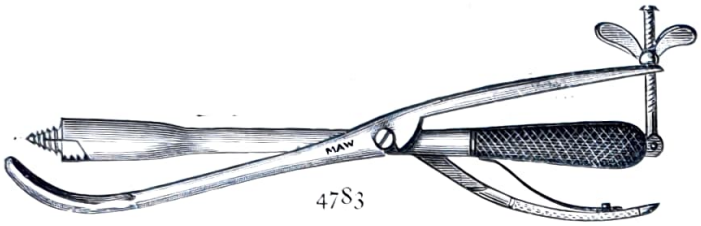


4782

Prepuce Dilators—

4781	Carver's	0	8	6
4782	Gardner's	0	14	6

MIDWIFERY INSTRUMENTS.



4783

No.		£	*s.*	*d.*
4783	**Basilyst,** Simpson's, with metal handles	3	7	6



4784

Blunt Hooks—

4784	Barnes's, with metal handle	0	7	0
4785	Do. with cross do.	0	8	6



4786

4786	Targett's	0	8	6



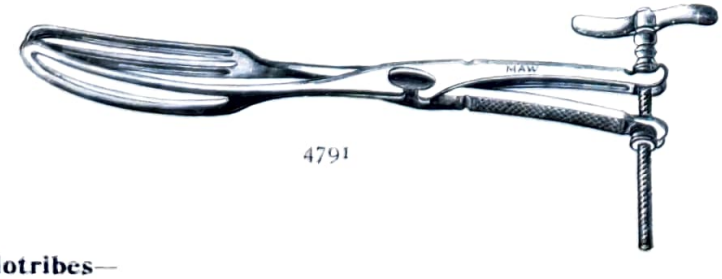
4787

4787	**Blunt Hook**, with Crotchet, solid forged	0	5	6
4788	**Bougie,** Galabin's, celluloid, for inducing premature labour	0	2	0
4789	**Catheters,** Female (*see page* 49).			



4790

4790	**Crotchet,** with metal handle	0	8	6

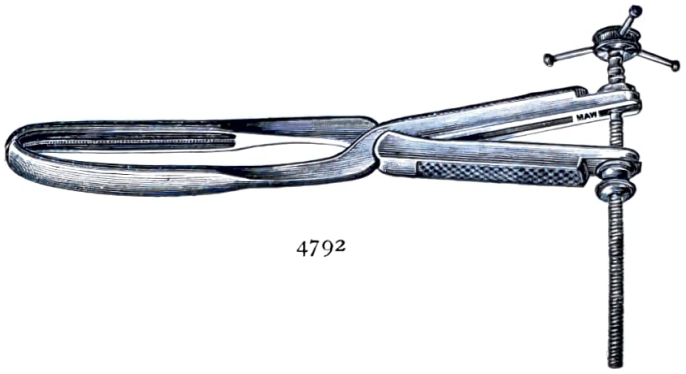


4791

Cephalotribes—

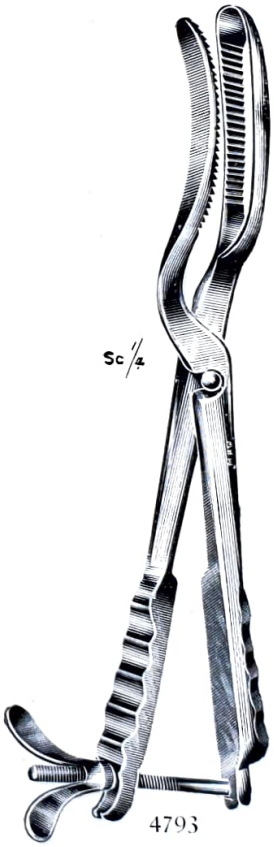
4791	Barnes's	2	5	0

Midwifery Instruments—*continued.*



4792

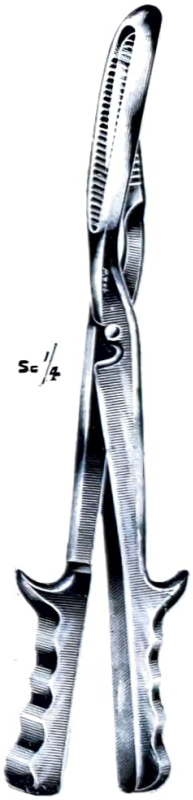
No.	**Cephalotribes**—*continued.*	£	s.	d.
4792	Braxton Hicks's	2	4	0



4793



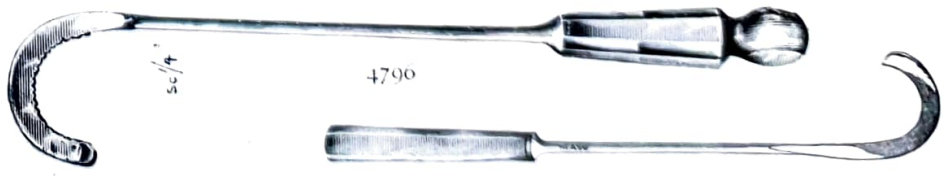
4794



4795

Craniotomy Forceps—

4793	Barnes's, with fluted metal handles	1	11	6
4794	Churchill's	0	8	6
4795	Simpson's Improved	1	6	0



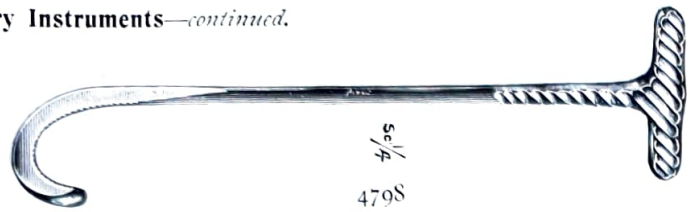
4790

4797

Decapitating Hooks—

4796	Lever's, with metal handle	0	8	0
4797	Ramsbotham's, with metal handle	0	7	6

Midwifery Instruments—*continued.*

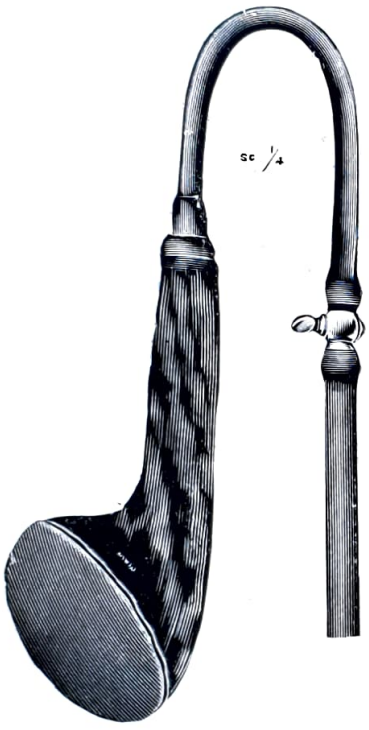


4798

No.	**Decapitating Hook**—*continued.*	£	*s.*	*d.*
4798	Targett's, with fluted cross-handle	0	11	0



4799



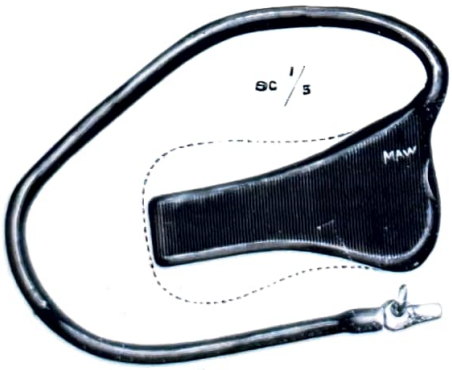
4800

Dilating Bags—

4799	Barnes's, set of 3, with stop-cocks, syringe, and elastic gum uterine pipe, complete in box	1	10	0
	Spare Bags for do. with taps ... large, 3/9; medium, 3/6; small	0	3	3
4800	Champetier de Ribe's, 2 sizes ... ... each	0	10	6



4801



4802

4801	Queen Charlotte's Hospital pattern, globular	0	2	9
4802	Steele's, set of 3, with stop-cocks	0	10	6



4803

4803	Forceps, for introducing Champetier de Ribe's bags	0	16	6

Midwifery Instruments—*continued.*



4804

No.				£	*s.*	*d.*
4804	**Embryotomy Scissors,** curved			0	10	6
4805	Do. do. disjointing			0	12	6



4806

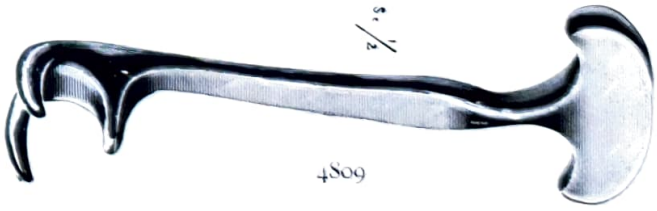


4807

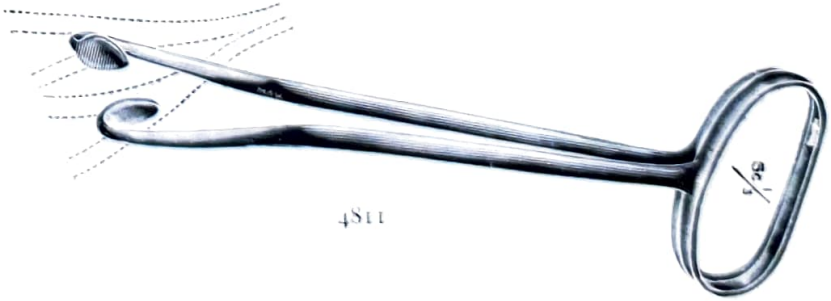


4808

4806	**Fillet,** whalebone	0	5	3
4807	**Fine Hook,** Oldham's, for Spine, with metal handle	0	7	0
4808	**Funis Repositor,** Robertson's	0	1	6



4809



4811

Midwifery Forceps and Tractors, with metal handles—

4809	Axis Tractors, Le Page's, to fit over lock of blades ... ... each	0	7	0
4810	Do. do. original pattern, with fluted handle ... ,,	0	7	0
4811	Do. Morgan's, to fit into angle of blades ... ... per pair	0	10	6

Midwifery Instruments—*continued.*



4812

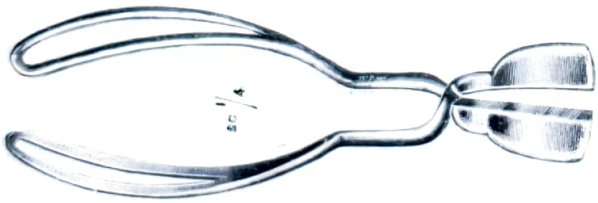


4814



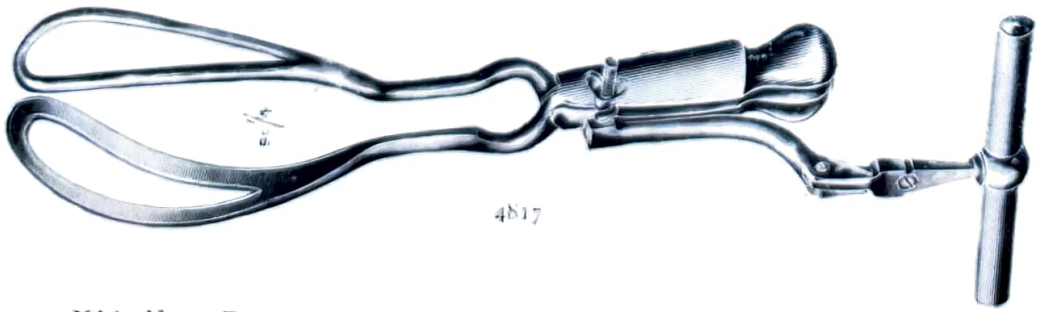
4815

No.	**Midwifery Forceps**, with metal handles—*continued.*	£	*s.*	*d.*
4812	Anderson's, consisting of Barnes's forceps with Simpson's handles	1	2	0
4813	Barclay's	1	5	0
4814	Barnes's	1	0	0
4815	Simpson's, long	1	2	0



4816

4816	Simpson's, short	0	18	6



4817

Midwifery Forceps, Axis Traction, asepti

4817	Neville's ...	2	2	0

Midwifery Instruments —*continued.*

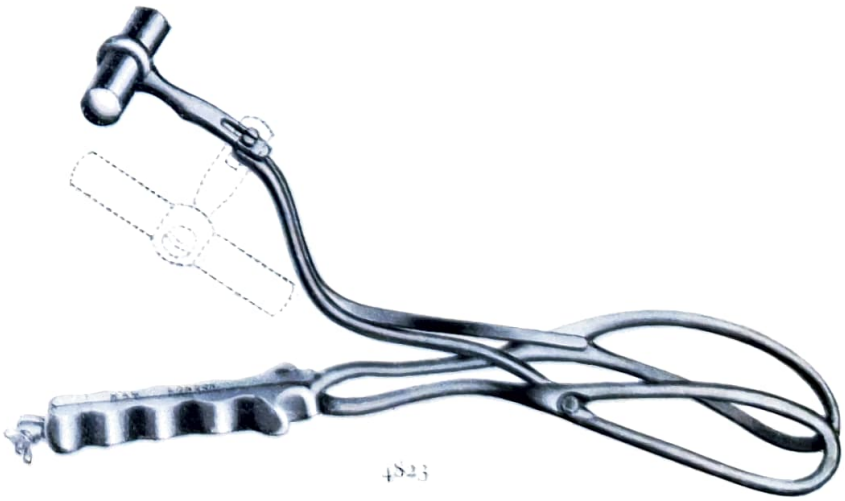


4818



4820

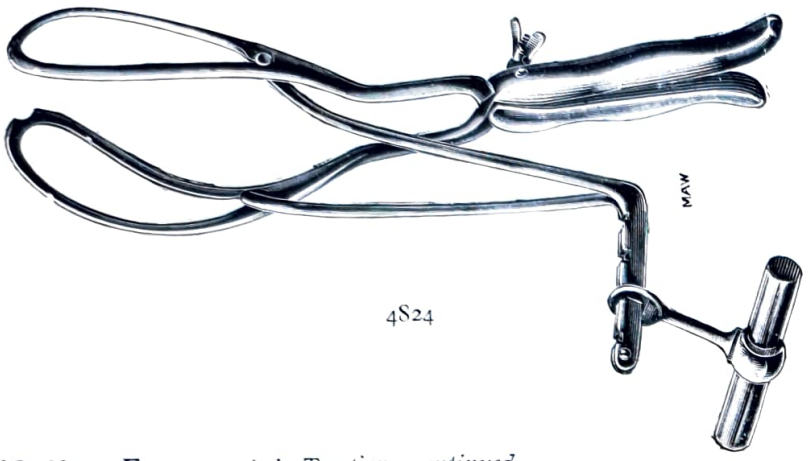
No.	**Midwifery Forceps,** Axis Traction, aseptic—*continued.*	£	*s.*	*d.*
4818	Cullingworth's, with removable traction rods	2	10	0
4819	Galabin's	1	13	6
4820	Milne Murray's, with removable traction rods	3	0	0
4821	Do. original pattern...	2	5	0
4822	Morrison's	2	15	0



4823

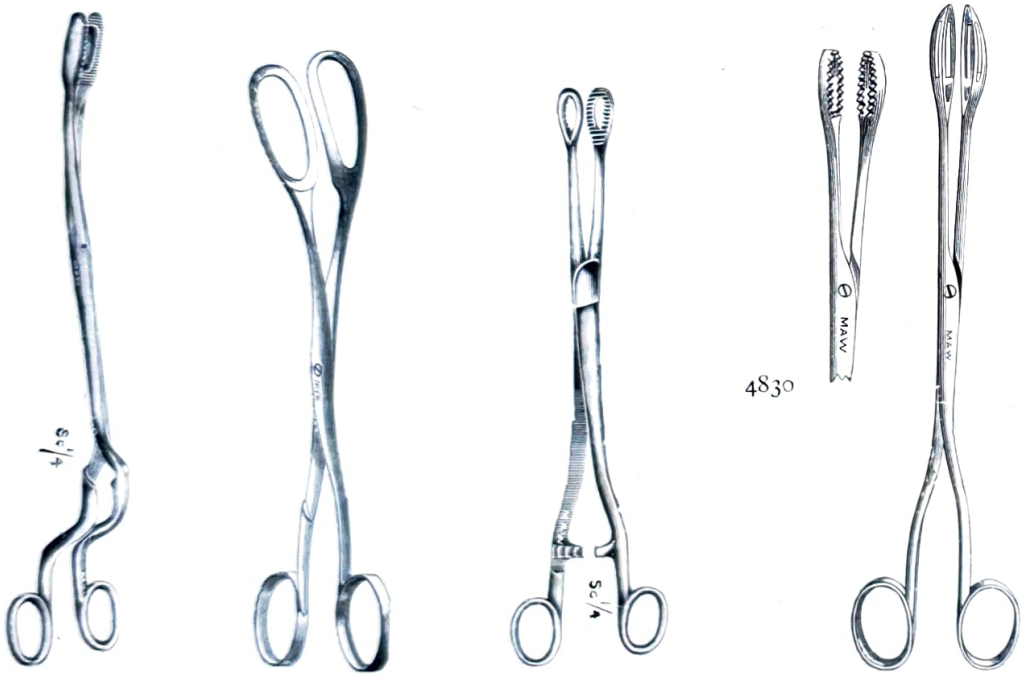
4823	Stawell's, with inside traction rods	2	17	0

Midwifery Instruments—*continued.*



4824

No.	**Midwifery Forceps,** Axis Traction—*continued.*	£	*s.*	*d.*
4824	Victor Bonney's, with inside traction rods	2	17	0

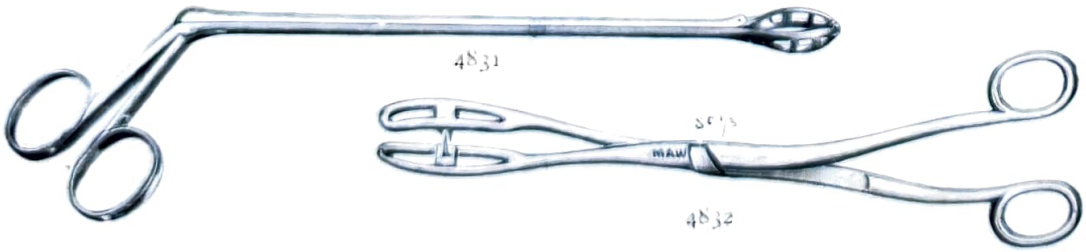


4825 4826 4828 4830 4829

Ovum Forceps—

4825	Galabin's	0	9	6
4826	Greenhalgh's, fenestrated	0	9	6
4827	Do. do. disjointing	0	10	6
4828	Herman's, disjointing, the separate parts being useful as blunt curettes ...	0	15	0
4829	Heywood Smith's, fenestrated	0	12	6
4830	Do. serrated	0	12	6

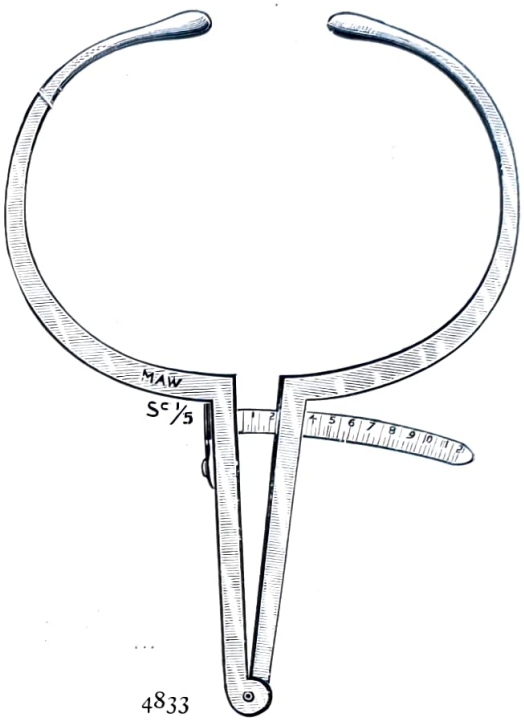
Nos. 4829 *and* 4830 *can be supplied with disjointing blades at an additional cost of* 2 – *each extra.*



4831 4832

4831	Lawson Tait's	0	19	6
4832	Kalaghatti's, disjointing	0	15	0

Midwifery Instruments—*continued.*



4833



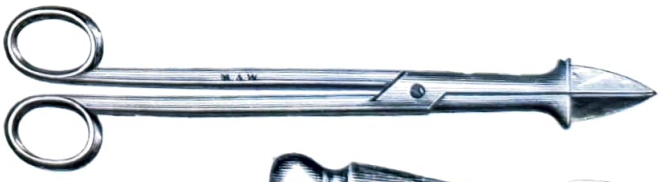
4834

No.	**Pelvimeters**—	£	*s.*	*d.*
4833	Mathews Duncan's	1	4	0
4834	Martin's	1	0	0



4835

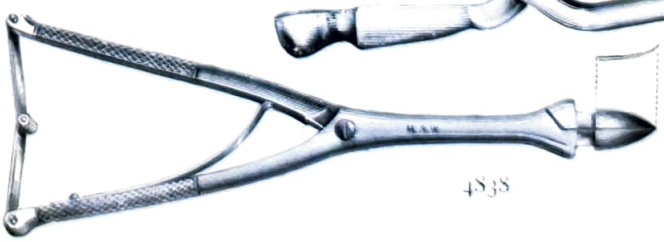
4835	French Model	0	18	0



4836



4837

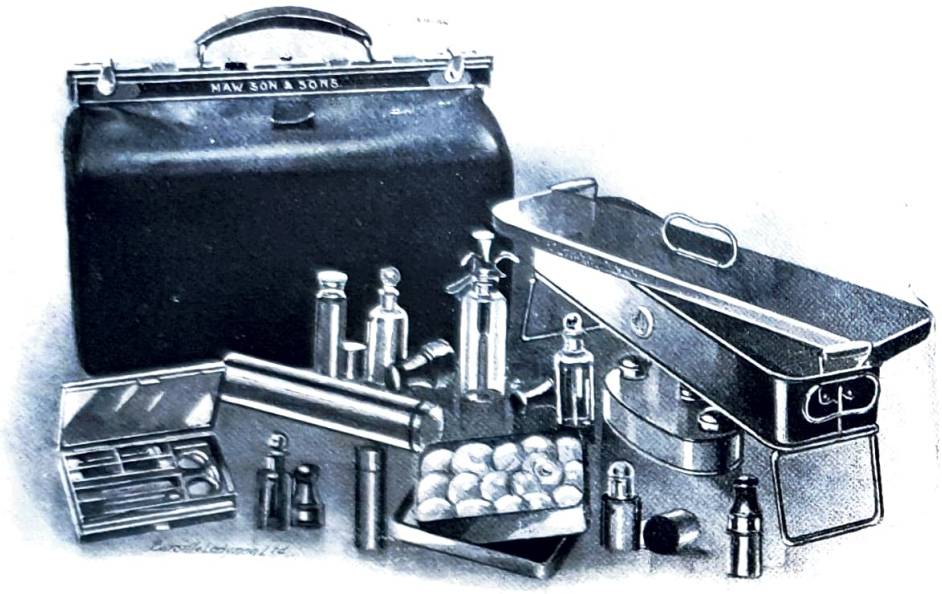


4838

Perforators—

4836	Denman's ... ... screw joint, 6 6; disjointing	0	10	0
4837	Oldham's, with metal handles	0	19	0
4838	Simpson's	1	2	6

Midwifery Bags and Pouches, etc., *continued*—



4861

Midwifery Bag, fitted, Berkeley's, containing—

Metal Case for Vaseline	1	Metal Boxes for tampons, wool, etc.... ...	3
Do. for Soloids	1	Saline Infuser, in metal case with cloth cover	1
Bottles, 1 oz., in metal cases	2	Buxton's Chloroform Inhaler	1
Do. 2 oz., do. do.	2	Buxton's Mask, in cloth case	1
Do. wide-mouthed, for perchloride of iron	1	Steriliser, nickel plated, with lamp and tray	1
Perinæum set, in metal case	1		

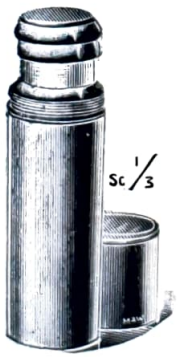
No.		£	*s.*	*d.*
4861	The above in brown leather kit shape bag	10	15	0
4862	Do. do. do. with addition of Budin's glass tube, india-rubber catheter, Bonney's axis traction forceps in sheath, De Ribe's dilating bag in sponge bag, De Ribe's forceps in khaki case, and india-rubber syphon in sponge bag	14	0	0



4863



4864



4865

Fittings for Midwifery Bags, etc.

4863	Drop Bottle, in screw metal case...	0	5	6
4864	Stoppered Bottle, 2 oz., in metal case with bayonet catch	0	2	0
4865	Nickel plated Tube, with bottle containing 25 soloids (B. W. & Co.), for antiseptic solutions	0	4	3
4866	Nickel plated Tube, containing a collapsable tube of vaseline...	0	4	3



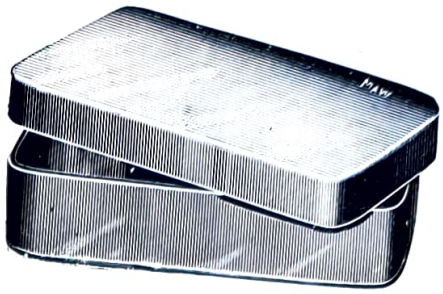
4867



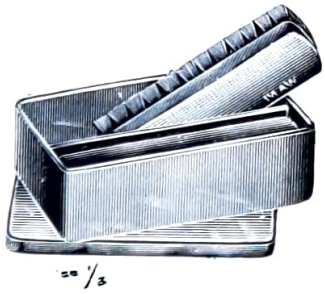
4868

4867	Nickel plated Tube with screw top, to contain a tube of sterilised ligatures (*see page* 402)	0	2	0
4868	Ointment Pot, nickel plated, with glass lining ... ... single, 1 6; double	0	2	6

Uterine and Vaginal Instruments.



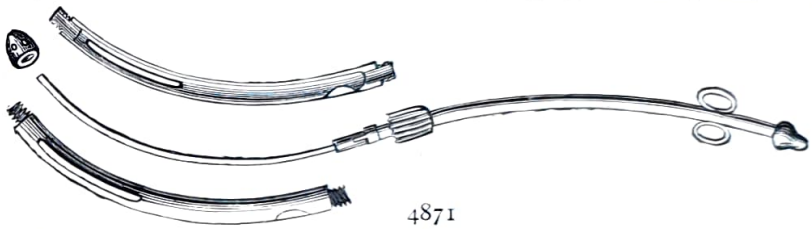
4869 ½



4870

No.	**Fittings for Midwifery Bags**—*continued.*	£	s.	d.
4869	Nickel plated Box for tampons, wool, gauze, etc., 5 in. by 3 in.	0	2	3
4870	Nickel plated Box, fitted with nail brush and carbolic soap	0	2	6

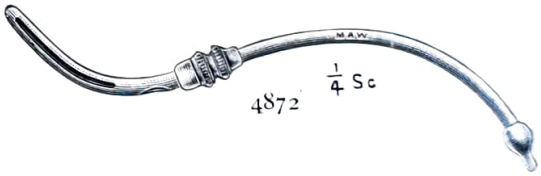
UTERINE AND VAGINAL INSTRUMENTS.



4871

Catheters or Tubes, for douching the Uterus—

4871 Bozemann-Fritsch's, nickel plated, constructed in four pieces, to take apart for cleaning, 2 sizes ... ... each 7 6 and 0 9 0



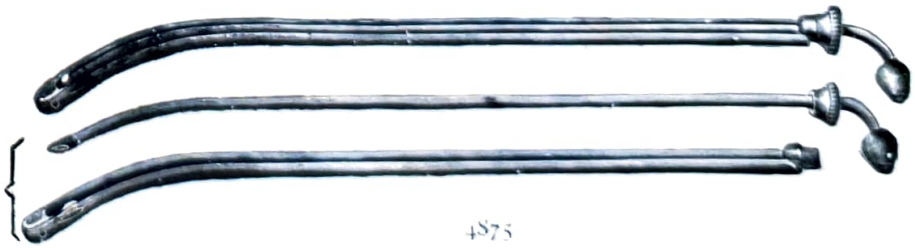
4872 ¼



4873 ¼

4874

4872	Bozemann's, celluloid, transparent	0	5	0
4873	Budin's, do. do. with groove for return flow	0	4	6
4874	Do. glass	0	1	6



4875

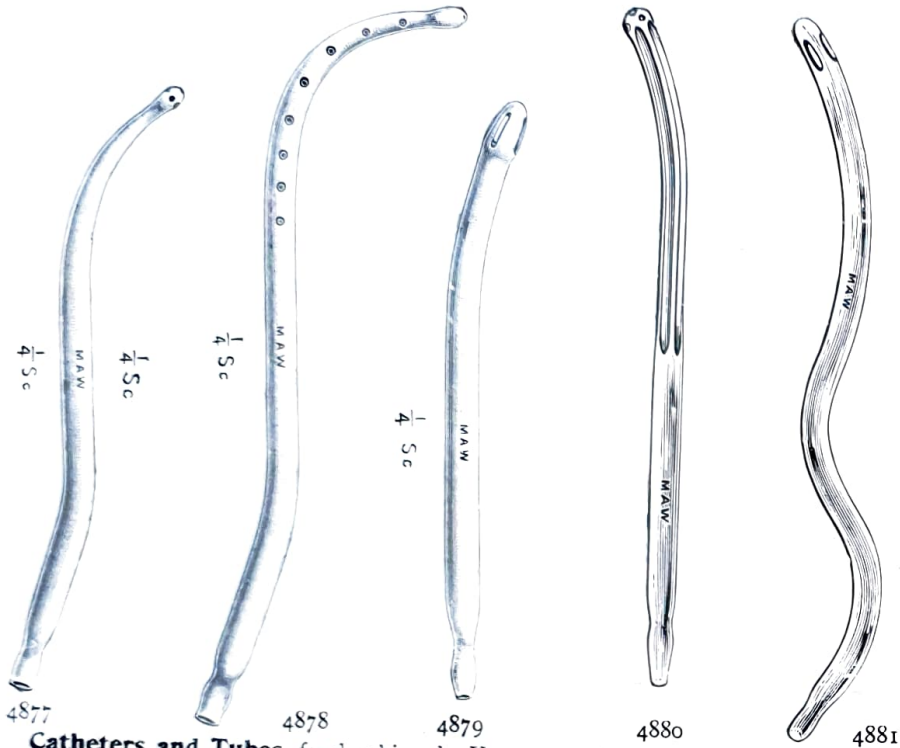
4875 Budin's, nickel plated, improved pattern, with central portion made to detach for cleansing 0 7 0



4876

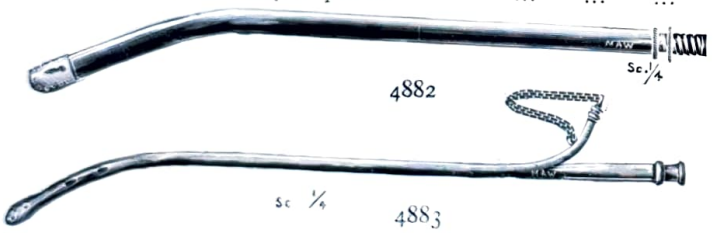
4876 Doleris's, metal, for dilating, with screw adjustment and stop-cock 0 8 6

Uterine and Vaginal Instruments—*continued.*



4877 4878 4879 4880 4881

No.			£	s.	d.
	Catheters and Tubes, for douching the Uterus—*continued.*				
4877	Glass, curved		0	1	2
4878	Do. do. extra long, with holes at sides		0	1	6
4879	Do. Fenton's, with slit openings		0	1	0
4880	Do. Hewitt's, with grooves for return flow		0	1	2
4881	Do. Queen Charlotte's Hospital pattern		0	1	6



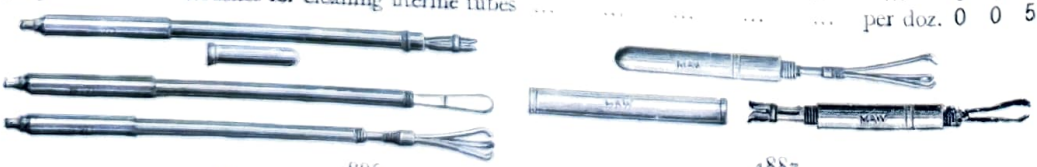
4882 4883

4882	Haye's, metal, with detachable end	0	5	0
4883	Ostlere's, double channel	0	15	6



4884

4884	Three-way pipe, nickel plated	0	3	0
4885	Brushes for cleaning uterine tubes ... ... per doz.	0	0	5



4886 4887

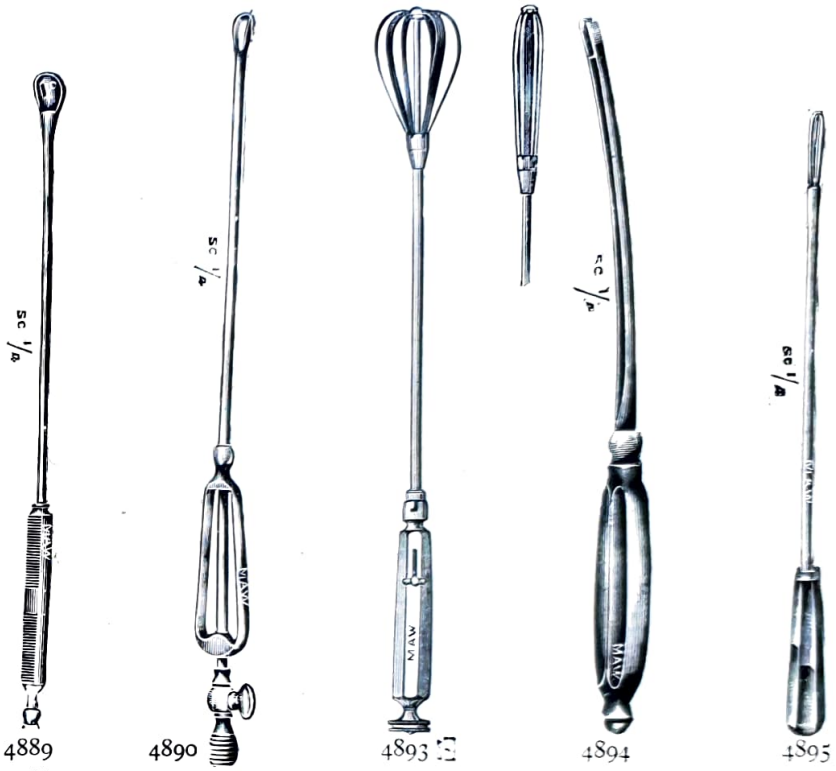


4888

Caustic Holders—

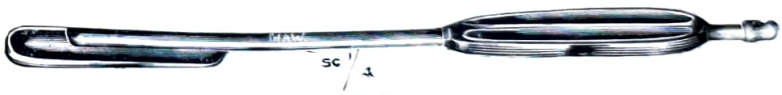
4886	Caustic holder, silver mounted, with sponge holder and scarifying knife per set	1	2	6
4887	Do. plated do. do. in screw case ,,	0	9	0
4888	Barnes's, for introducing sulphate of zinc points	0	8	6

Uterine and Vaginal Instruments—*continued.*



4889 4890 4893 4894 4895

No.	**Curettes—**	£	*s.*	*d.*
4889	Blunt, for flushing, Rheinstadter's	0	7	6
4890	Chelsea Hospital model, for flushing, with stop-cock	0	15	6
4891	Do. do. without stop-cock	0	13	6
4892	Comyns Berkeley's, for flushing	0	19	6
4893	Jessett's "Dredger," in leather case	5	0	0
4894	Donald's, for flushing, with groove for return flow	0	14	0
4895	Duke's "egg-whisk"	0	6	6



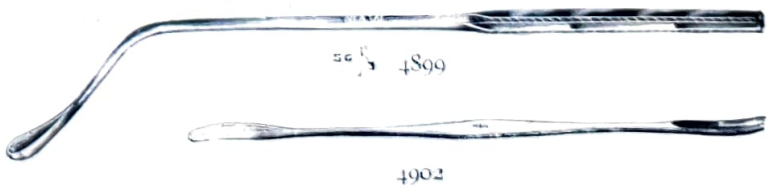
4896

4896	Dutch's, for flushing	0	14	0



4897

4897	Gervis-Sims's, sharp, with one broad and one narrow end	0	8	6
4898	Herman's, curved spoon, 3 sizes, ¼ in., ⅜ in., ½ in	0	5	0



4899 4902

4899	Hollow, angular, with spoon on upper surface	0	7	6
4900	Do. do. with spoon on under surface	0	7	6
4901	Horrock's, narrow, blunt	0	8	6
4902	Martin's (Recamier-Roux)	0	6	6
4903	Simon's, sharp spoon, 3 sizes (*for illustration see page* 160) ... each	0	7	6



4904

4904	Sims's, sharp, 3 sizes, ¼ in., ⅜ in., ½ in. ... ... each	0	6	6
4905	Do. blunt ... ... ,,	0	6	6

Uterine and Vaginal Instruments—*continued.*



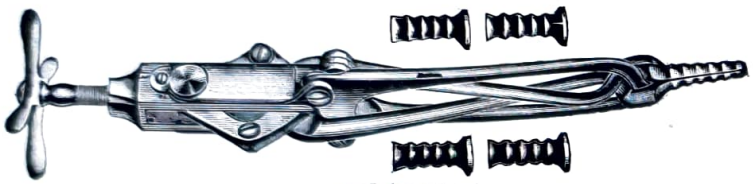
4906

No.	**Curettes**—*continued.*	£	*s.*	*d.*
4906	Thomas's, blunt, with pliable stem, 3 sizes, $\frac{1}{4}$ in., $\frac{3}{8}$ in., and $\frac{1}{2}$ in. ... each	0	6	6



4907

4907	Thomas's, blunt, pliable, and Sims's, sharp, combined	0	8	0



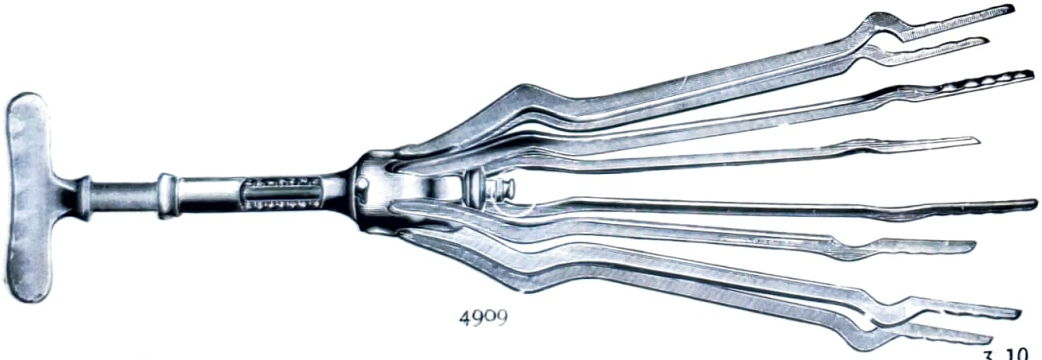
4908 (CLOSED)



4908 (OPEN)

Dilators, for rapid dilatation—

4908	Bossi's	4	10	0



4909

4909	Frommer's, 8-bladed	3	10	0



4910

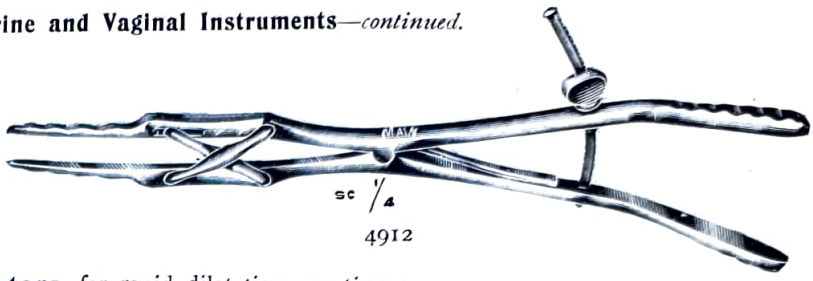
4910	Gardner's	0	19	6



4911

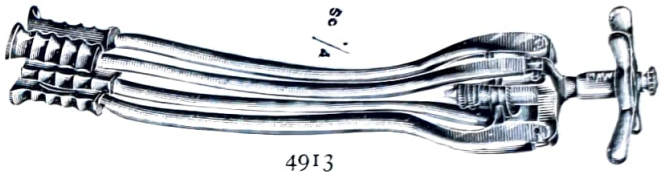
4911	Sims's, 3-bladed	1	16	0

Uterine and Vaginal Instruments—*continued.*



4912

No.		£	*s.*	*d.*
	Dilators, for rapid dilatation—*continuea.*			
4912	Goodell's, to take apart	1	10	0



4913

4913	Preiss's	3	15	0



4914 4916 4917

Dilators, for gradual dilatation—

4914	Auvard's, nickel plated, in sets of 12, nested ... ... per set	1	10	0
4915	Duncan's, vulcanite, set of 25 sizes in case	3	7	6
4916	Do. do. ... ... each, 1–17, 2/6; 18–25	0	3	0
4917	Godson's, vulcanite, nested, set of 12 in case	3	12	0
4918	Galabin's, steel, conical, 3 sizes ... ... each	0	4	6
4919	Do. do. set of 3 in case...	0	18	6



4920

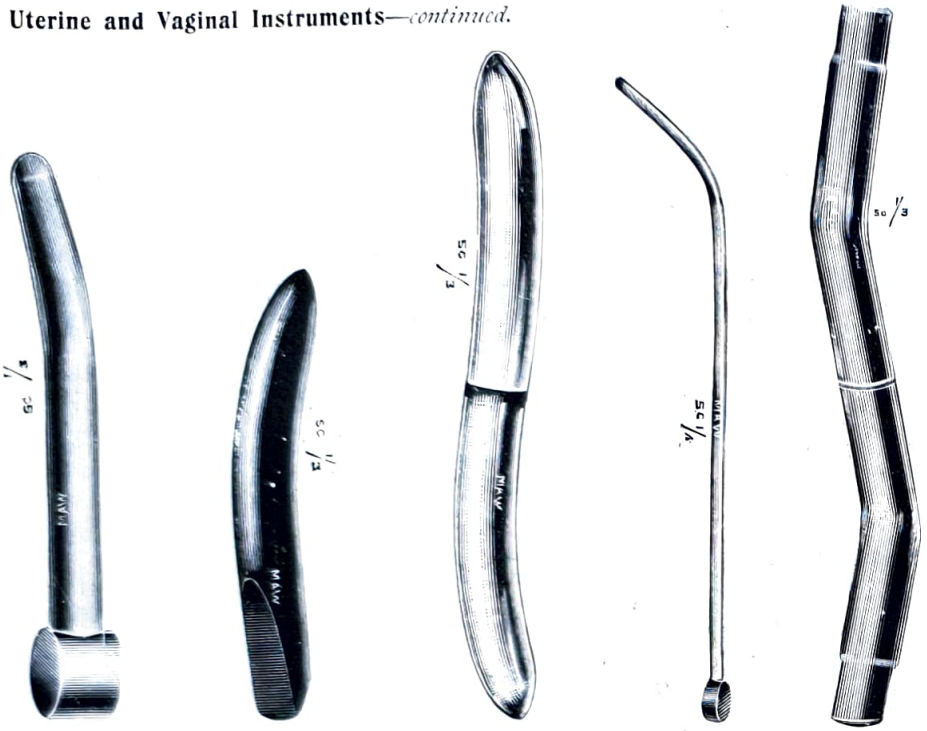
4920	Fenton's, double ended, metal, 12 sizes ...each, 1/4, 3/8, 1/2, 7/6; 9/16, 11/12, 13/14, 8/6: 15/16, 17/18, 19/20, 10/–; 21/22, 23/24, 25/26	0	11	6
4921	Do. do. set of 12 in case	6	6	0
4922	Do. do. set of 6 in case	3	5	0



4923

4923	Ramsay's, hollow, 16 sizes, 3/4 to 12/11 ... ... each	0	5	0
4924	Do. do. set of 16 sizes in metal case	4	12	6

Uterine and Vaginal Instruments—*continued.*



4925 4929 4934 4937 4938

No.		£	*s.*	*d.*
	Dilators, for gradual dilatation—*continued.*			
4925	Hawkins-Ambler's, conical, metal, 16 sizes, $\frac{3}{8}$ to $\frac{18}{21}$ ... ... each	0	4	6
4926	Do. do. set of 16 in aseptic metal case	5	10	0
4927	Hegar's, vulcanite, best quality, 25 sizes ... ... each	0	1	9
4928	Do. do. do. set of 25 in leather covered case	2	16	0
4929	Do. do. common quality, 25 sizes ... ... each	0	1	6
4930	Do. do. do. set of 25 in case...	1	17	6
4931	Do. glass, opal, 22 sizes ... ... each	0	1	0
4932	Do. do. set of 22 in case	1	10	0
4933	Do. metal, set of 14 in aseptic metal case	2	10	0
4933a	Do. do. set of 25 in leather covered case	3	10	0
4934	Do. do. double ended, 12 sizes, each, 1–6, 3/– ; 7–12, 4/– ; 13–18, 5/– ; 19–24	0	6	0
4935	Do. do. do. set of 12 in aseptic metal case...	3	3	0
4936	Do. do. do. do. 8 do. do.	1	15	0
4937	Mathews Duncan's, for cervical canal, 12 sizes... ... ... each	0	4	0
4938	Sloan's, metal, 16 sizes ... ... each	0	8	6
4939	Do. do. set of 12 in aseptic metal case	7	5	0



4941

Ecraseurs—

4940	Heywood Smith's	2	0	0
4941	Hicks's	1	17	6



4942

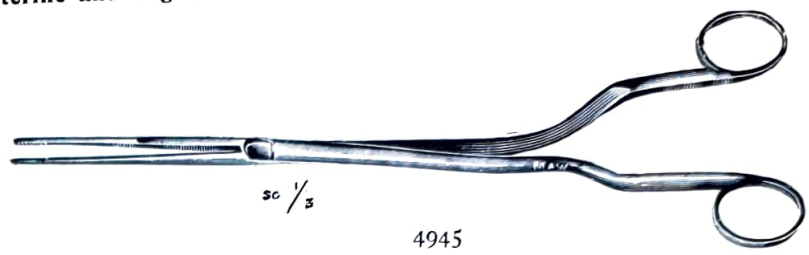


4943

Enucleators, with metal handles—

4942	Sims's, with loop end	0	7	6
4943	Do. with sickle shape end for cutting	0	8	0

Uterine and Vaginal Instruments—*continued.*



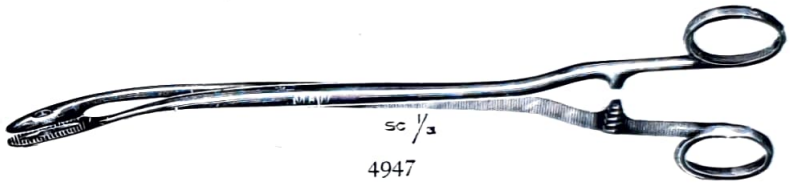
4945

No.	**Forceps,** for Dressings, etc.—	£	*s.*	*d.*
4944	Abel's (Rotunda Hospital pattern)	0	10	0
4945	Bantock's, disjointing	0	10	6



4946

4946	Bozemann's	0	11	6
4946*a*	Do. disjointing	0	13	6



4947

4947	Curved on flat	0	9	0



4948

4948	Curved shanks, for applying caustic, etc.	0	8	6



4949

4949	Lloyd Roberts's, double curved	0	10	6



4950

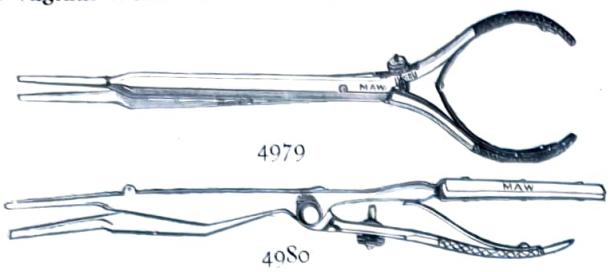
4950	Straight, cross action	0	7	6
4951	Do. do. disjointing	0	9	6



4952

4952	Whitehead's, with angular handles	0	6	9

Uterine and Vaginal Instruments—*continued.*



4979

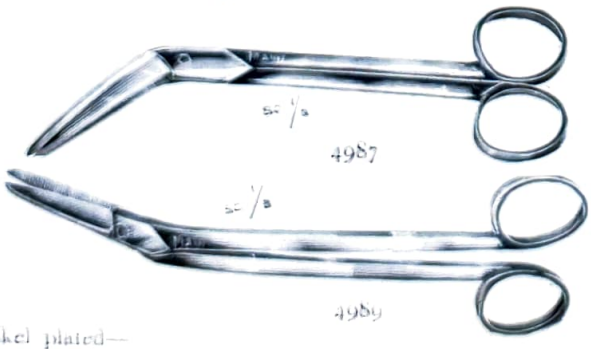
4980

No.		£	*s.*	*d.*
	Metrotomes—			
4979	Savage's	1	12	0
4980	Simpson's, guarded	1	15	0



4981 4982 4983 4984 4985

4981	**Ointment Introducer,** Barnes's	0	8	6
	Probes—			
4982	Cork-screw end, for cotton wool	0	6	6
4983	Longfield's, spiral, aluminium	0	2	9
4984	Playfair's, aluminium, with metal handle	0	3	6
4985	Do. do. with long stem and aluminium handle	0	2	6
4986	**Scarifying Knife,** with silver cap and metal handle	0	6	6

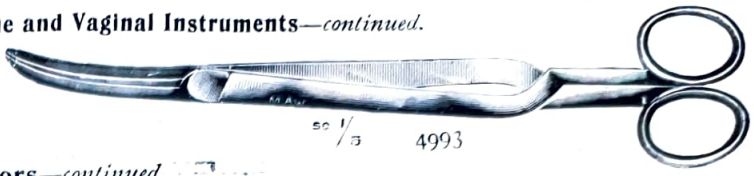


4987

4989

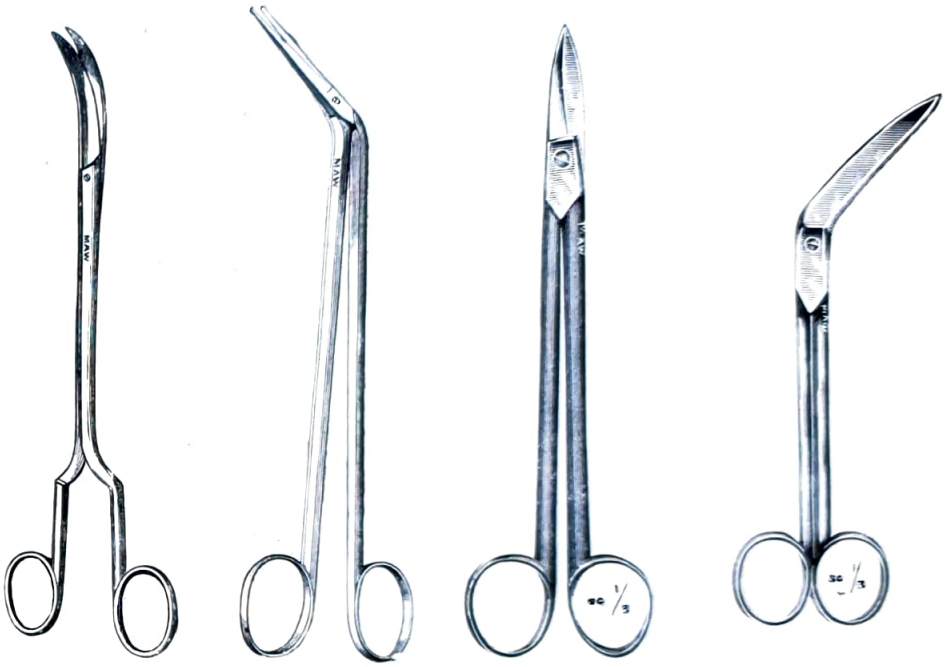
	Scissors, nickel plated—			
4987	Angular, screw joint	0	6	6
4988	Do. disjointing	0	9	6
4989	Angle on flat, screw joint	0	6	6
4990	Do. disjointing	0	9	6
4991	Curved on flat, 5 in., screw joint	0	9	6
4992	Do. do. disjointing	0	12	0

Uterine and Vaginal Instruments—*continued.*



4993

No.	**Scissors**—*continued.*	£	s.	d.
4993	Curved on flat, cross action, disjointing, 10 in.	0	11	6



4994 4995 4996 4997

4994	Light model, curved on flat, 9½ in. ... screw joint, 10 6 ; disjointing	0	12	6
4995	Do. angle on flat, 8 in.	0	6	0
4996	Emmett's, curved on flat, short blades, 8½ in.	0	7	6
4997	Do. curved on flat and elbowed, right or left, 7½ in. ... ... each	0	8	6
4998	Straight, round pointed, 8 in., screw joint	0	5	6
4999	Do. do. do. disjointing	0	8	6



5000 5001 5002 5003 5005

Uterine and Vaginal Instruments—*continued.*

No.	**Sounds**—	£	s.	d.
5000	Aveling's	0	4	0
5001	Galabin's, improved	0	5	0
5002	Heywood Smith's, folding	0	6	6
5003	Hopkins Walters's	0	6	0
5004	Horrocks's	0	5	0
5005	Mathews Duncan's	0	5	0



5006



5007



5008



5009

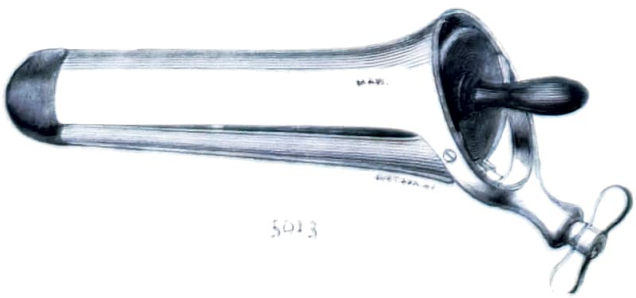
5006	Russell Simpson's	0	5	0
5007	Sims's	0	4	3
5008	Simpson's	0	4	3
5009	Whalebone, Barnes's	0	6	0



5010



5011

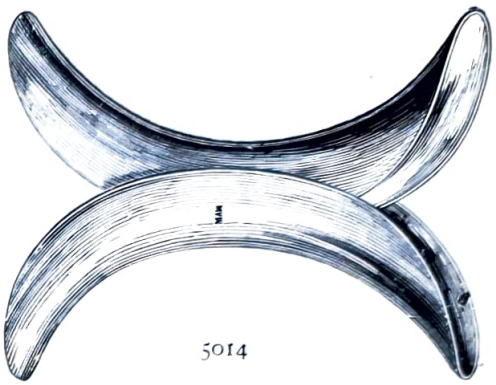


5013

Specula—

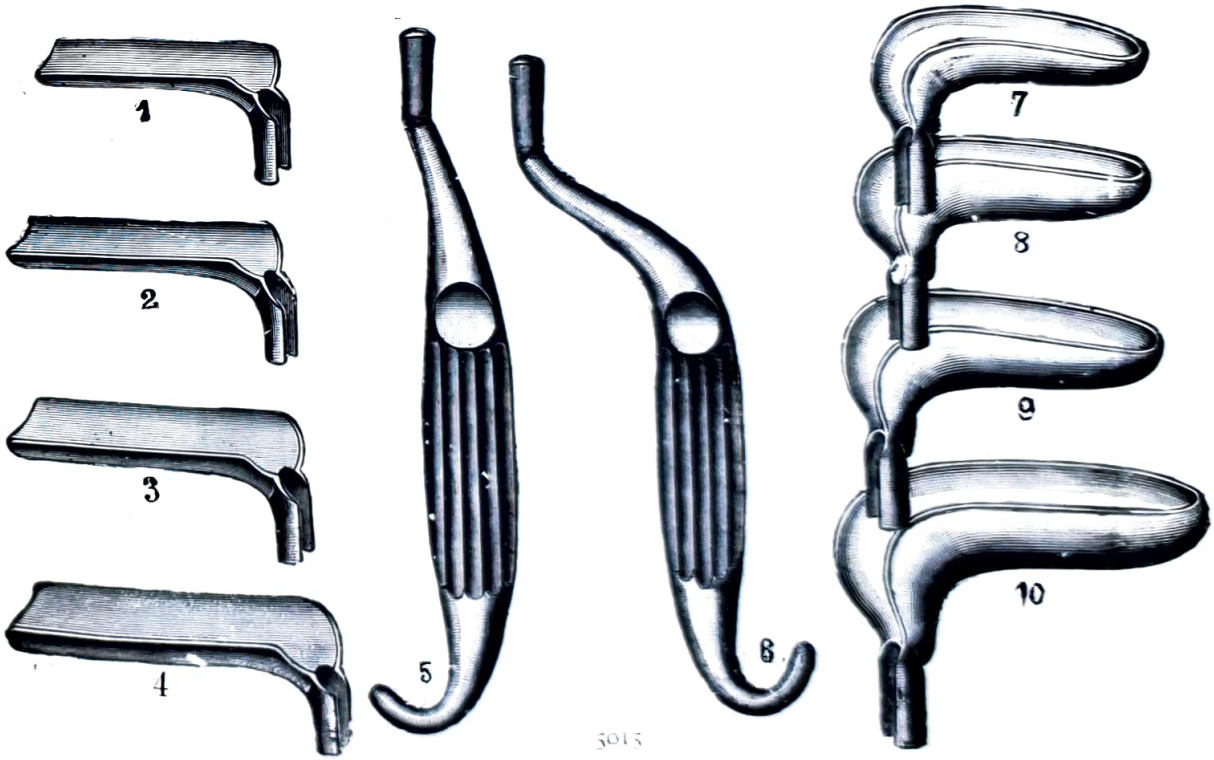
5010	Allingham's, 4-bladed	2	8	0
5011	Anvard's, self-holding	1	1	0
5012	Do. do. with movable weight	1	5	6
5013	Barnes's, electro-plated and gilt, with plug	1	2	6

Uterine and Vaginal Instruments—*continued.*



5014

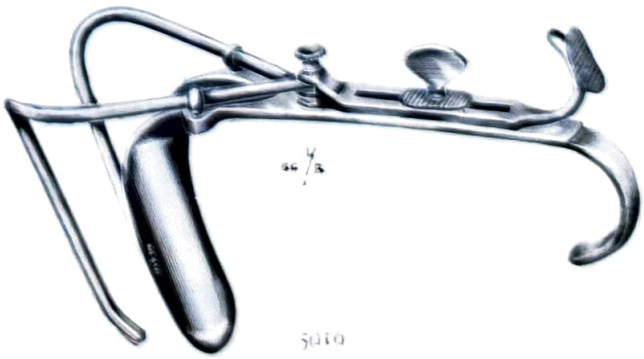
No.	**Specula**—*continued.*	£	*s.*	*d.*
5014	Barnes's modification of Neugebauer's	1	0	0



5015

5015	Bozemann's, consisting of 2 fluted metal handles and 8 blades ... per set	1	15	0

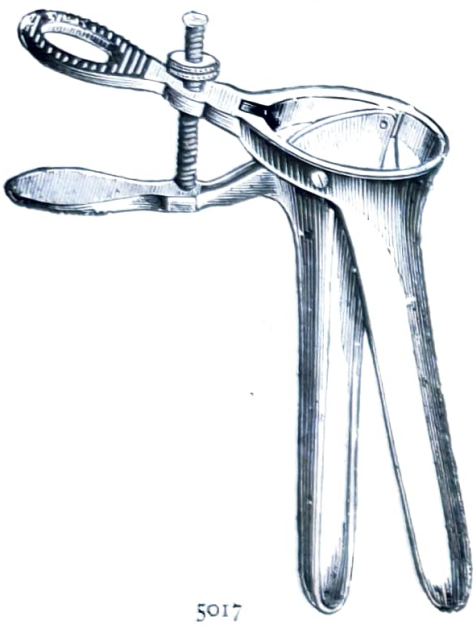
Nos. 1–4 *with handle No.* 5 *can be supplied separately if required at* 18 *– the half set.*



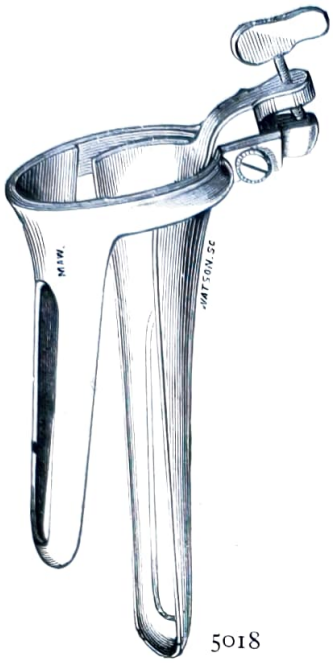
5016

5016	Collins's	0	15	0

Uterine and Vaginal Instruments—*continued.*



5017

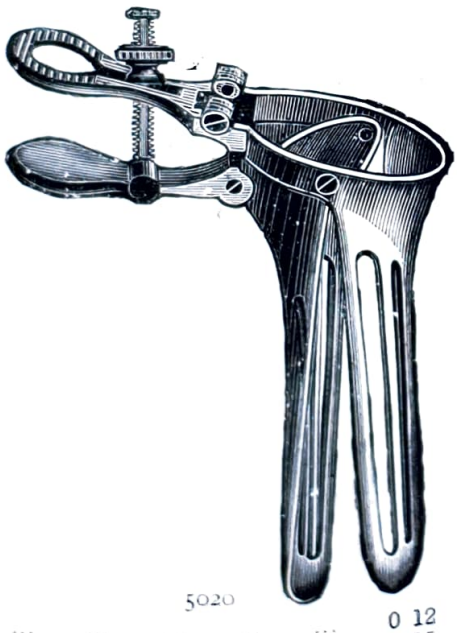


5018

No.	**Specula**—*continued.*	£	*s.*	*d.*
5017	Cusco's, electro plated	0	12	6
5018	Do. fenestrated, electro plated and gilt	0	18	0

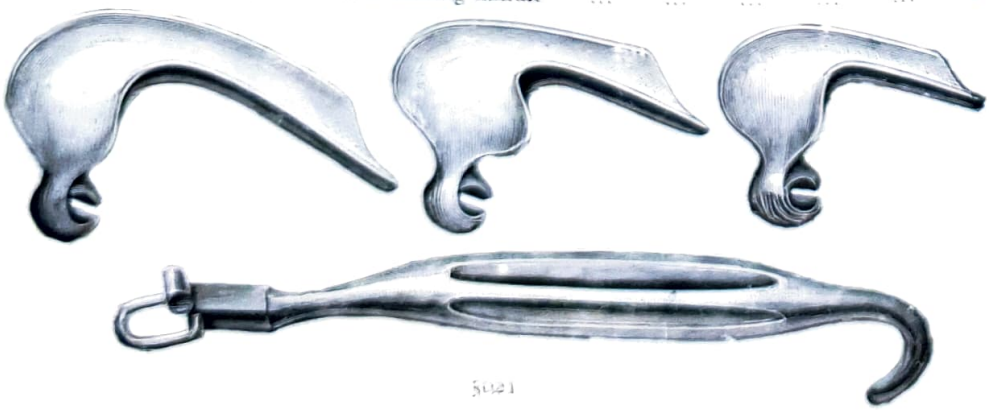


5019



5020

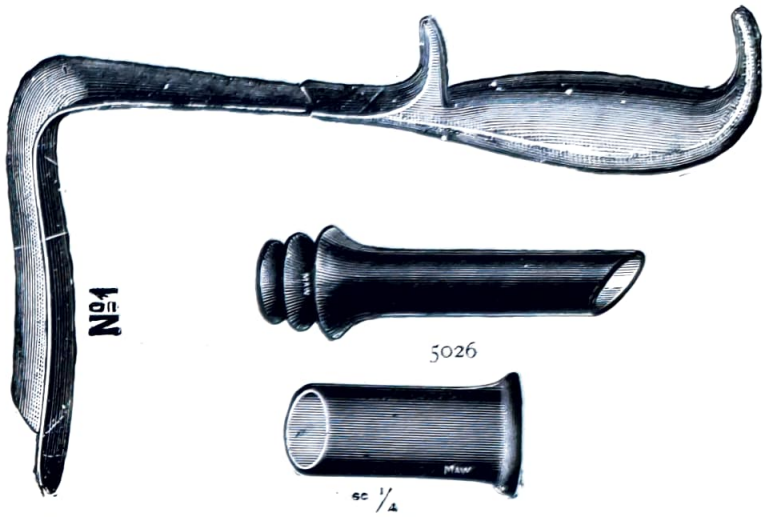
5019	Cusco's, fenestrated, improved model	0	12	6
5020	Do. do. with folding handle	0	15	0



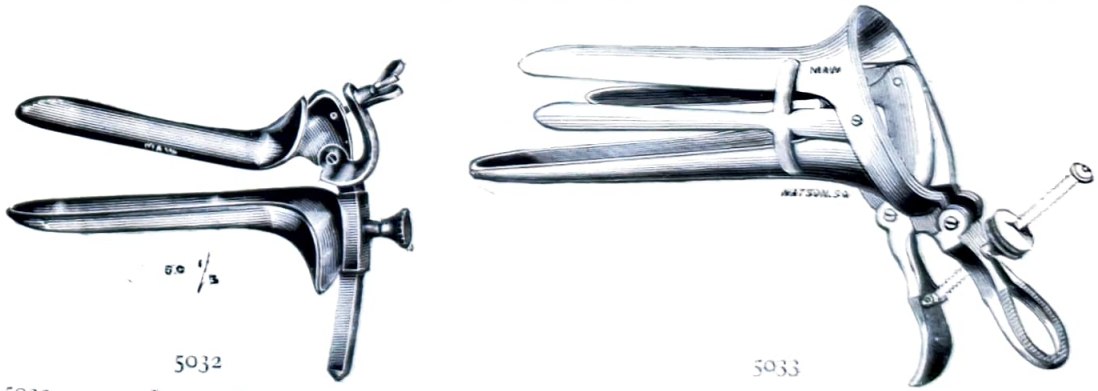
5021

Uterine and Vaginal Instruments—*continued.*

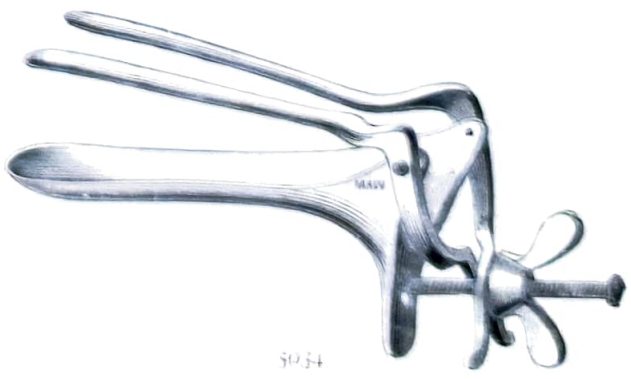
No.	**Specula**—*continued.*	£	s.	d.
5021	Fritsch's, 3 blades fitting one handle	0	17	6



5022	Doyen's, narrow series, 3 sizes ... ... each	0	10	6
5023	Do. broad series, 3 sizes ... ... ,,	0	10	6
5024	Fergusson's, clear glass, 4 sizes ... ... each, 1 9 : per set of 4	0	6	0
5025	Do. celluloid, 4 sizes ... ... ,, 4 0 : ,, ,, 4	0	15	6
5026	Do. silvered glass covered with elastic gum, 3 sizes ,, 3/- ; ,, ,, 3	0	8	6
5027	Do. do. covered with elastic gum web, 3 sizes ... ... each	0	3	9
5028	Do. plated, 3 sizes ... ... ,,	0	7	6
5029	Do. do. set of 3 in case ... ... per set	1	6	6
5030	Galabin's, short, for digital examination of the Os, glass, covered with elastic gum web, 2 sizes ... ... each	0	4	0
5031	Heywood Smith's, with interlocking blades, 3 sizes ... ... per set of 3	1	1	0

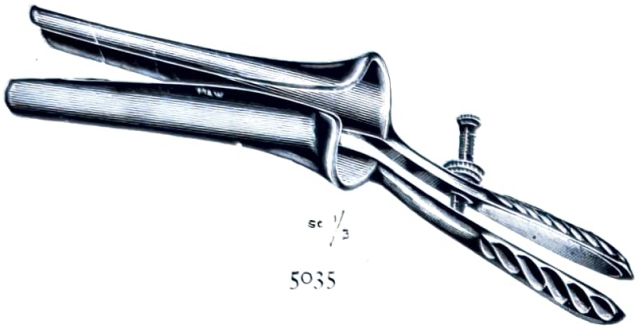


5032	Leonard's	0	18	0
5033	Meadow's, 4-bladed	1	10	0



5034	Nott's	0	12	0

Uterine and Vaginal Instruments—*continued.*



5035

No.	**Specula**—*continued.*	£	*s.*	*d.*
5035	Ricord's, with metal handles	0	16	0



5036



5038

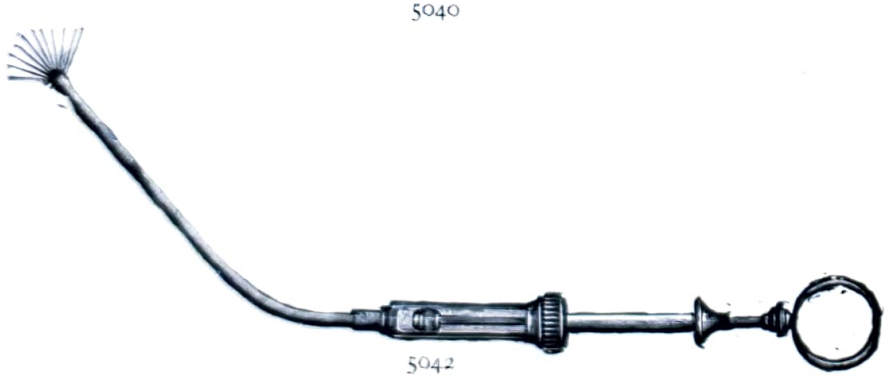
5036	Sims's, Duckbill	0	8	0
5037	Do. do. light model	0	5	0
5038	Do. do. folding	0	14	6
5039	Do. Duncan's modification, with flat blades	0	10	6

(For Vaginal Retractors, see page 219.)

Sponge Holders (*see pages* 492 *and* 493).



5040



5042

Syringes, Intra-uterine—

5040	Braun's, with vulcanite mounts	0	4	6
5041	Do. with metal mounts	0	5	0
5042	Hoffmann's, with metal mounts	0	6	0



5043



5045

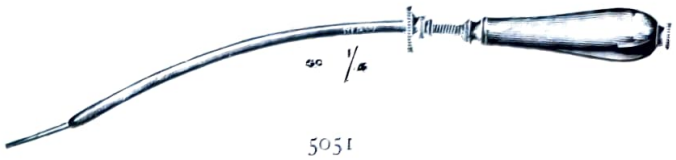


5047

Tents—

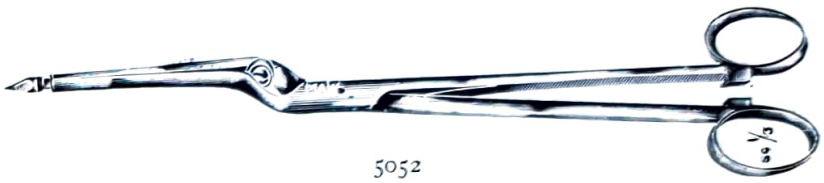
5043	Laminaria, hollow	per doz.	0	3	9
5044	Do. do. 4 in. long	,,	0	10	6
5045	Do. solid	,,	0	2	6
5046	Do. do. 4 in. long	,,	0	8	0
5047	Sponge	,,	0	2	6
5048	Tupelo, hollow	,,	0	12	0
5049	Do. solid	,,	0	6	0

Uterine and Vaginal Instruments—*continued.*



5051

No.		*£*	*s.*	*d.*
	Tent Introducers—			
5050	Barnes's	0	8	6
5051	Godson's, with metal handle	0	14	6



5052

Trocar, for Pelvic Abscess—

5052	Christopher Martin's, with forceps combined	0	18	0



5053

5053	**Uterine Retractor,** Doyen's, with catch fastening	1	11	6



5054



5055

Vagina Depressors—

5054	Gervis's, wire loop	0	5	0
5055	Sims's	0	7	6



5056

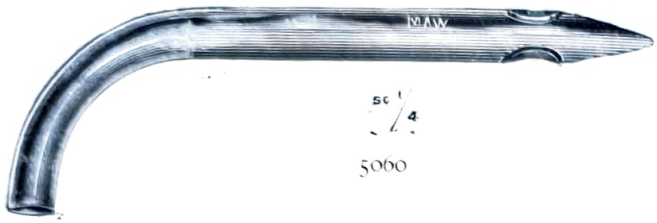


5057

Vagina Dilators—

5056	Hinged, electro plated and gilt	0	18	6
5057	Sims's, glass	0	0	9
5058	Do. vulcanite	0	2	6

OVARIOTOMY AND HYSTERECTOMY INSTRUMENTS.



5060

No.		£	*s.*	*d.*
5059	**Broad Ligament Clamp,** Doyen's, compound action	6	5	0
5060	**Cyst Tube,** Lawson Tait's, 3 sizes ... ... each 9/6, 11/- and	0	12	0
	Crutch, Clover's (*see page* 175).			



5061



5062

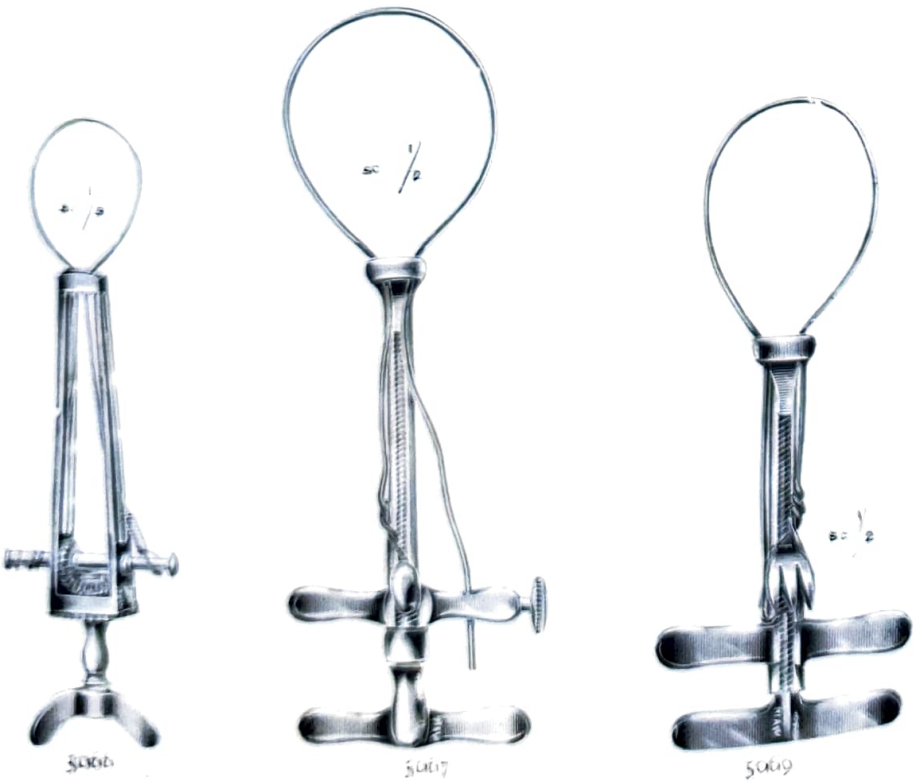


5063

Drainage Tubes, glass—

5061	Keith's, assorted sizes	per doz.	0	6	0
5062	Tait's do. do.	,, ,,	0	9	0
5063	Thomas's do. do.	,, ,,	0	12	0
5064	India-rubber Sheeting (Keith's Dressing), for use with the above Tubes, in squares 18 in. by 18 in.	per piece	0	2	0
5065	**Drainage Tubes,** India-rubber, Thornton's T-shape	each	0	1	6

(***For other Drainage Tubes, see pages 394 and 395***).



5066 5067 5069

Ovariotomy and Hysterectomy Instruments—*continued.*

No.		£	s.	d
	Ecraseurs and Serre-nœuds—			
5066	Elder's	1	10	0
5067	Fenton's	1	1	0
5068	Koeberle's	0	19	0
5069	Tait's, wire	1	1	0



5070

5070 Tait's rope 1 11 6

(For other Ecraseurs see page 198.)



5071



5072

Forceps, Artery, for deep-seated vessels, etc.—

5071 Bland Sutton's, 7 in. 0 7 0

5072 Greig Smith's, 7 in., disjointing 0 11 6



5073

5073 Harrison Cripps's, 6½ in. 0 9 0



5074 5075 5076 5077

5074 Hellier's, 8 in. 0 14 6

5075 Keith's, 8 in., disjointing 0 13 6

5076 Pozzi's, 8 in. curved, disjointing 0 11 6

5077 Do. 8 in. straight, do. 0 10 6

5078 Thornton's, T shape, 6 in., disjointing 0 13 6

(For other Artery Forceps, see pages 3 to 8.)

Ovariotomy and Hysterectomy Instruments—*continued.*



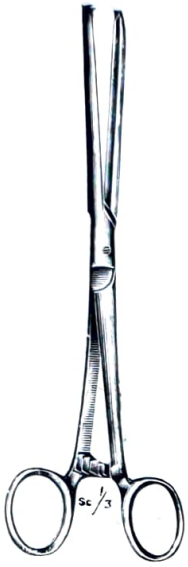
5079



5080

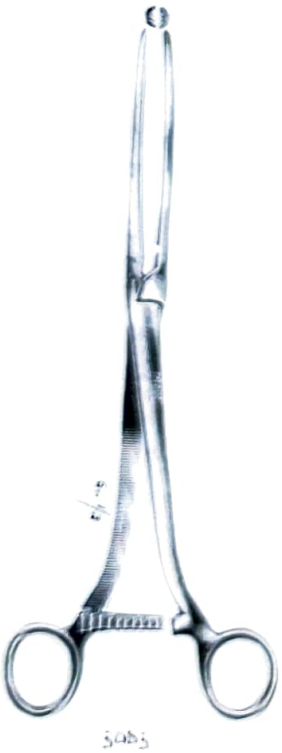


5083



5084

No.	**Forceps, Broad Ligament**—	*£*	*s.*	*d.*
5079	Angular	0	13	6
5080	Doyen's, with ribbon blades, straight, 8 in.	0	11	0
5081	Do. do. curved, 8 in.	0	13	0
5082	Edgar's	0	16	6
5083	Jessett's	0	16	0
5084	Playfair's, with ridged blade, 2 sizes ... ... 8 in., 14/6; 9½ in.	0	15	6



5085



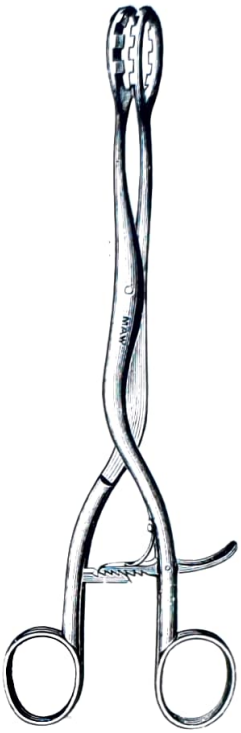
5086



5087

5085	Jordan Lloyd's, 6 in., with blades grooved longitudinally	0	14	0
5086	Galabin's, improved	0	13	6
5087	Playfair's, curved, with pin blades, 2 sizes ... ... 7 in., 13/6; 10 in.	0	15	6
5088	Do. straight, do. do. 2 sizes ... ... 7 in., 13/6; 10 in.	0	15	6
5089	Do. double curved, 7 in.	0	13	6

Ovariotomy and Hysterectomy Instruments—*continued.*



5090



5091



5092

No.	**Forceps, Cyst**—	£	*s.*	*d.*
5090	Clement Godson's	1	0	0
5091	Nelaton's, disjointing	0	15	0
5092	Mathews Duncan's...	0	15	0
5093	Pye Smith's...	0	17	6



5094

5094	Sydney Jones's	1	0	0
5095	Thornton's, T-shape, to close opening made by trocar	0	15	0



5096

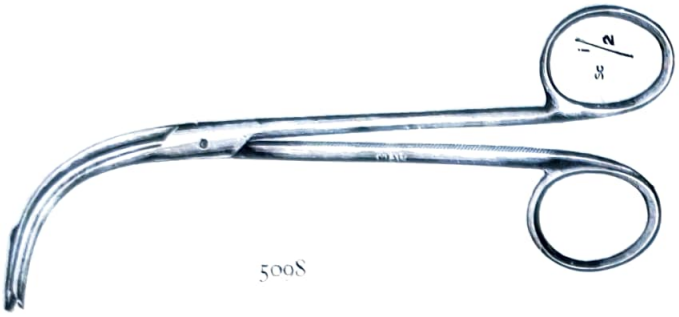


5097

Forceps, Ligature—

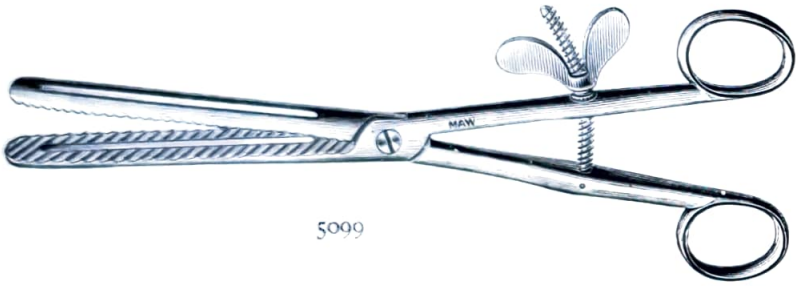
5096	Carwardine's, with eye at point	0	9	6
5097	Cleveland's	0	9	6

Ovariotomy and Hysterectomy Instruments—*continued.*



5098

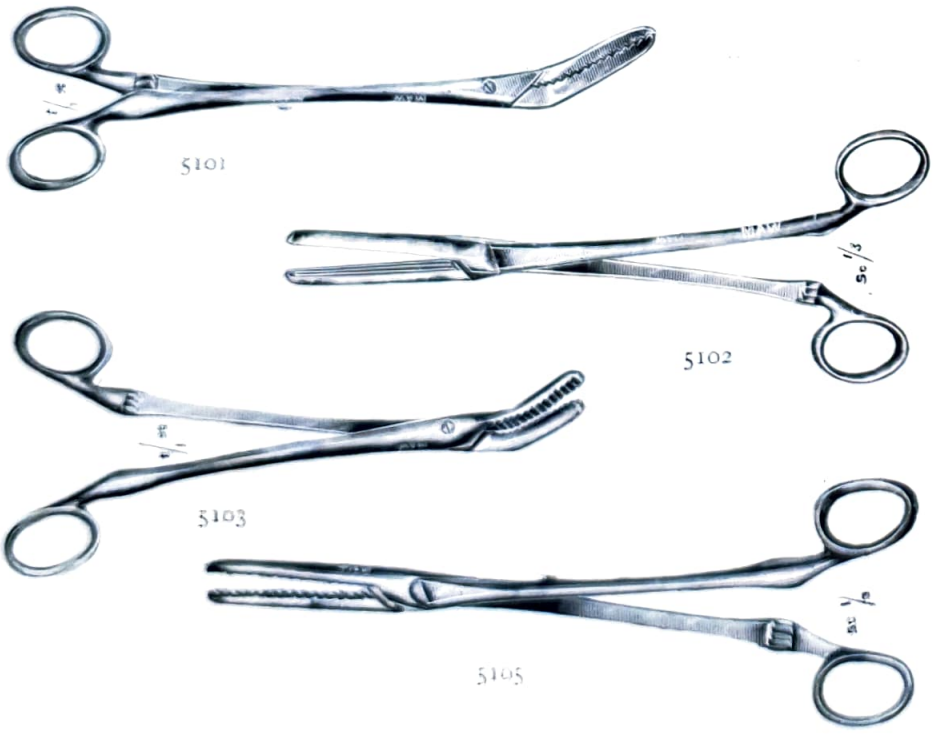
No.	**Forceps, Ligature**—*continued.*	£	*s.*	*d.*
5098	Greig Smith's	0	7	6



5099

Forceps, Omentum—

5099	Spencer Wells's, for clamping the omentum, 2 sizes ...	7 in., 11/– ; 11 in.	1	0	0
5100	Do. do. do. disjointing, 2 sizes	7 in., 13/6 ; 11 in.	1	2	0



5101

5102

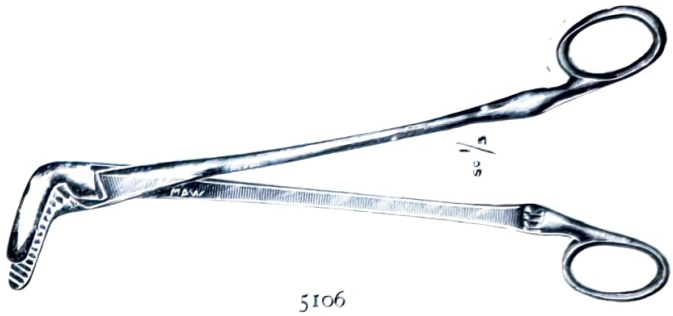
5103

5105

Forceps, Pedicle—

5101	Braithwaite's		0	10	0
5102	Greig Smith's, with grooved blades		0	18	6
5103	Spencer Wells's, angular, 2 sizes		0	11	0
5104	Do. ... ... do. disjointing, 2 sizes	6 in., 10/– ; 9 in.	0	14	6
5105	Do. ... ... straight, 2 ... do. 2 sizes	6 in., 13/6 ; 9 in.	0	15	0
		6 in., 12/– ; 9 in.			

Ovariotomy and Hysterectomy Instruments—*continued.*



5106

No.	**Forceps, Pedicle**—*continued.*	£	s.	d.
5106	Spencer Wells's, rectangular ... ... screw joint 12/- ; disjointing	0	14	0



5108



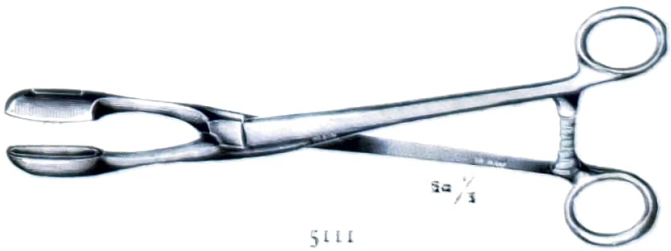
5109



5110

Forceps, Peritoneum—

5107	Greig Smith's (*see* No. 3024 E)	0	6	6
5108	Porrier's	0	6	9
5109	Mickulitz's	0	9	6
5110	Paton's	0	6	9



5111



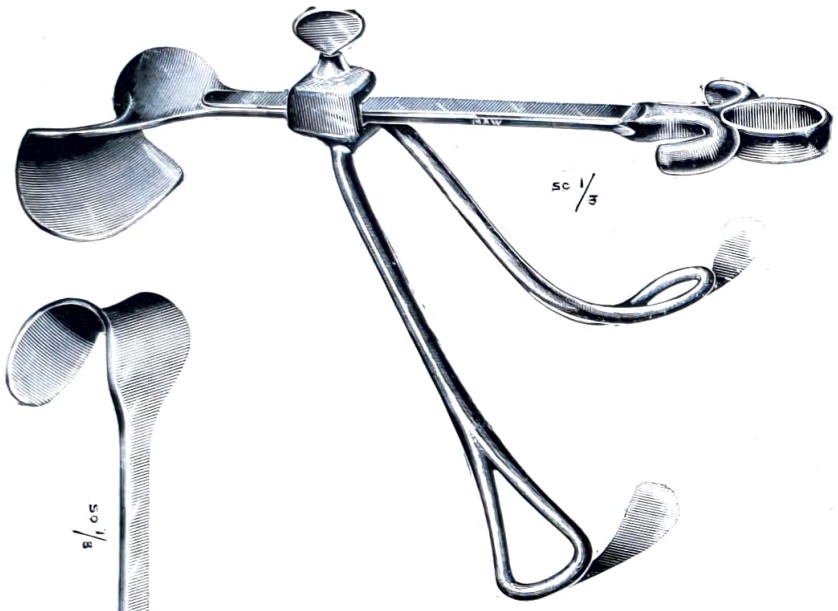
5112

Forceps, for piecemeal extraction—

5111	Doyen's, with cupped blades	0	14	6
5112	Volsellum, with 4 teeth, and long rack catch	0	19	6

Forceps, Sponge-holding (*see page* 492.)

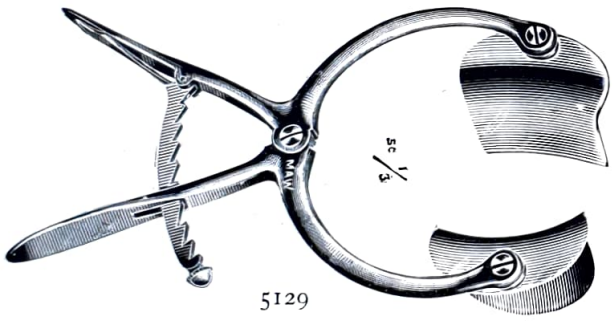
Ovariotomy and Hysterectomy Instruments—*continued.*



5127



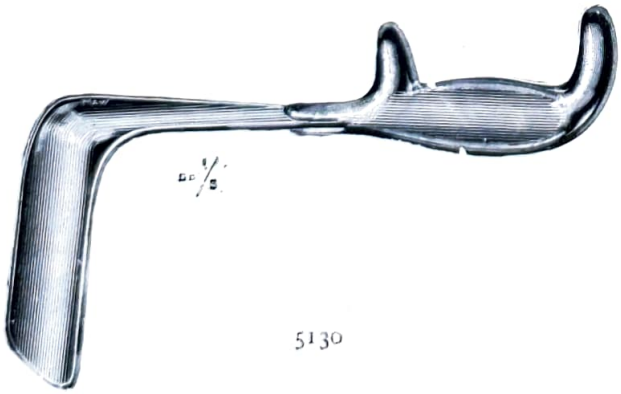
5128



5129

No.		£	*s.*	*d.*
	Retractors, Abdominal—*continued.*			
5127	Doyen's, with self-holding frame, fitted with 2 blades, $3\frac{1}{4}$ in. and 4 in. ...	2	5	0
5128	Do. with handle, 2 sizes, $3\frac{1}{4}$ in. and $3\frac{3}{4}$ in. ... ... each	0	15	0
5129	Piqué's, self-holding	1	15	0

No. 5129 is now supplied with scissor handles instead of plain handles as illustrated.



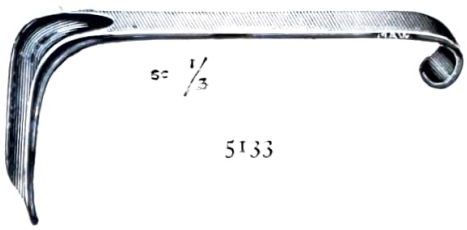
5130

	Retractors, Vaginal—			
5130	Pozzi's, narrow series, 3 sizes, $4\frac{3}{4}$ by $1\frac{3}{4}$ in., $5\frac{1}{2}$ by $1\frac{3}{4}$ in., and $2\frac{1}{2}$ by $1\frac{3}{4}$ in. each	0	12	6
5131	Do. wide series, 3 sizes, $4\frac{3}{4}$ by $2\frac{1}{4}$ in., $5\frac{1}{2}$ by $2\frac{1}{4}$ in., and $2\frac{1}{2}$ by $2\frac{1}{4}$ in. ,,	0	12	6

Ovariotomy and Hysterectomy Instruments—*continued.*



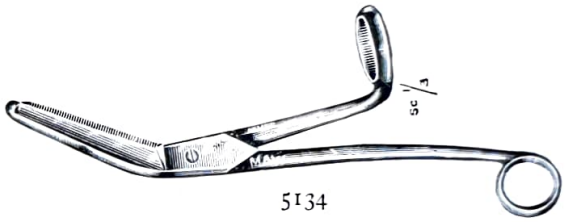
5132



5133

No.	**Retractors, Vaginal**—*continued.*	£	s.	d.
5132	For anterior vaginal wall	0	9	6
5133	With hook for finger	0	5	6

(***For other Retractors, see pages 28 and 29.***)



5134

5134	**Scissors, Abdominal,** Carwardine's	0	8	0



5135

5135	**Scissors, Hysterectomy,** Pozzi's, curved on flat, screw joint, 8/– ; disjointing	0	10	6
5136	**Scissors, Pedicle,** 8 in., curved on flat, disjointing	0	12	0

Silk, for Pedicle (*see page* 401).

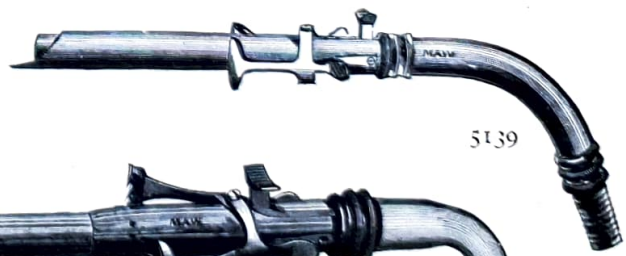
Sponge Holders and Sponge Forceps (*see pages* 492 *and* 493).



5137

Trocars, Ovarian—

5137	Lawson Tait's	2	0	0



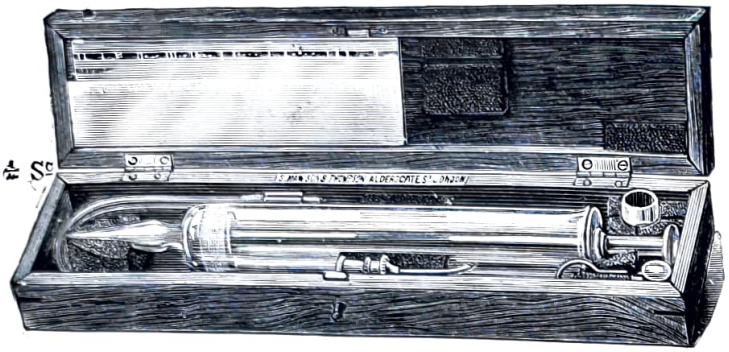
5139



5138

5138				
5139	Spencer Wells's, with hooks	2	2	0
5140	Do. curved, improved pattern	2	0	0
	Stanmore Bishop's...	4	4	0

SALINE INFUSERS.

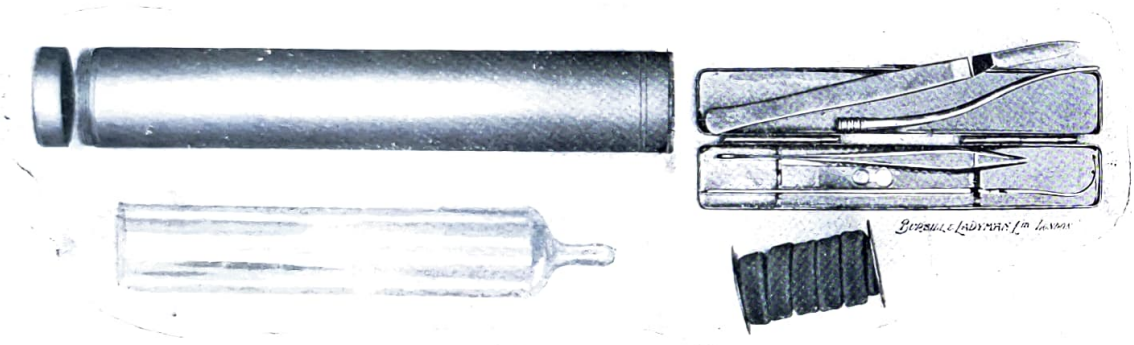


5141

Infusers—

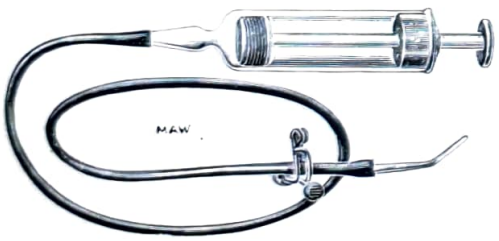
Arbuthnot Lane's, consisting of 2 oz. glass syringe, 2 ft. of india-rubber tubing, metal infusion pipe with plug mount, and pinch-cock—

No.		£	*s.*	*d.*
5141	In mahogany case	0	9	6
5142	In japanned tin case	0	12	6



5143

5143 Berkeley's, consisting of glass funnel, 3 ft. of india-rubber tubing on metal reel, and metal box containing scalpel (solid forged), dissecting forceps, aneurism needle and silver plated infusion pipe, the whole apparatus being contained in an aseptic metal cylinder with screw caps 1 7 6



5144



5145

5144 Drummond Robinson's, consisting of 2 oz. glass syringe and glass funnel, 4 ft. of india-rubber tubing, metal infusion pipe with plug mount, glass infusion pipe, thermometer in metal case, scalpel (solid forged), 2 pairs aseptic Spencer Wells's artery forceps, dissecting forceps, and pinch-cock, in mahogany case 1 14 0

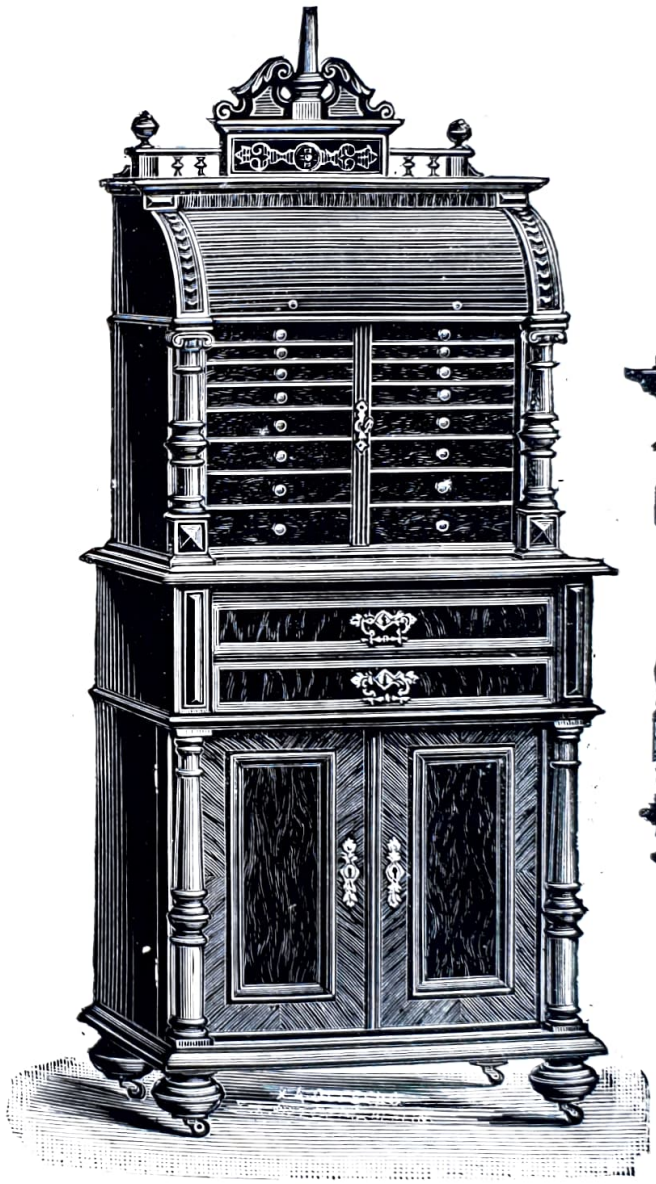
5145 Horrocks's, consisting of glass funnel and canula, 3 ft. of india-rubber tubing, needle and pinch-cock, in oval japanned tin case 0 5 6

5146 Hospital apparatus, consisting of glass cylinder, 4 ft. of india-rubber tubing pinch-cock and metal canula 0 6 6

Infusion Needles—

5147	Glass, bulbous	0	0	6
5148	Do. conical	0	0	6
5149	Plated, bulbous	0	2	6
5150	Do. conical	0	2	6
5151	Do. sharp, for subcutaneous infusion	0	2	0

DENTAL INSTRUMENTS, FURNITURE, Etc.



5152



5153

No.	**Cabinets**—	£	*s.*	*d.*
5152	*Cabinet of well-seasoned wood, veneered with walnut, and fitted with marble slab. The upper portion above the drawers consists of a recess with mirror at the back and revolving shutter; above the drawers is a space for bottles, etc. Dimensions, 5 ft. 6 in. high, 2 ft. 5 in. wide and 1 ft. 4 in. deep	12	12	0
5153	*Cabinet to hang on wall, made of carved walnut, and fitted with drawers, and shelves for bottles, etc. Total height of cabinet about 20 ins. ...	4	4	0

* Made to order only.

Dental Instruments, Furniture, etc.—*continued.*



5154A

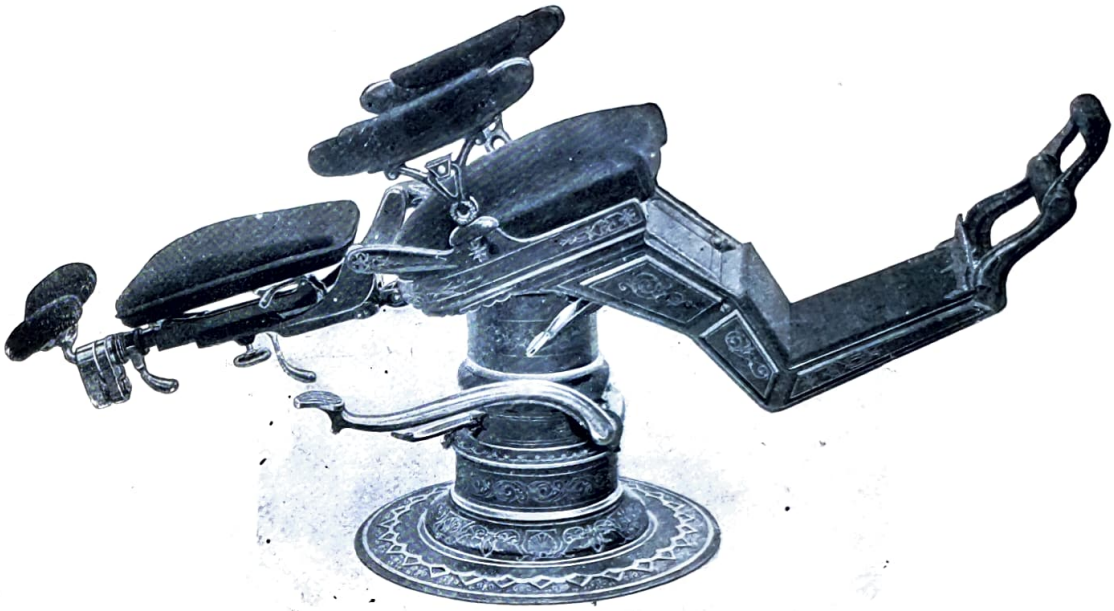
Chairs—

No.		£	*s.*	*d.*
5154	*The Favourite Columbia Dental Chair (A, shewing medium height position); lowest position 18 ins., highest position 33¼ ins.	27	0	0

The above chair is of an exceedingly handsome design, and is free from all complicated mechanism. The flat disc base is sufficiently large to support the chair without being screwed to the floor, whilst it serves at the same time as a reservoir for the oil used in the pump for raising and lowering. The piston of this pump is moved up and down by means of the long main lever near the foot of the chair, which is operated with the foot. The act of depressing this lever pumps oil into the long brass tube under the seat of the chair, and forces the chair upwards. To lower the chair all that is necessary is to depress the small lever at the side of the main pumping lever; this opens a valve and allows the oil to flow out of the tube back into the reservoir. If it is required to revolve the chair, the small lever at the back is released, and the chair body can then be turned entirely round, all the levers rotating with it. An operator standing at the side of the chair has full control over all the levers without having to step behind. The arms can be detached when not required, or can be reversed. Provision is made for table bracket attachment beneath the chair.

* Obtained to order only.

Dental Instruments, Furniture, etc.—*continued.*



5154B

No. **Chairs**—*continued.* £ s. d.

5154 *The Favourite Columbia Dental Chair (B, shewing anæsthetic position), upholstered in mohair, plush, or plain maroon leather 27 0 0



5155

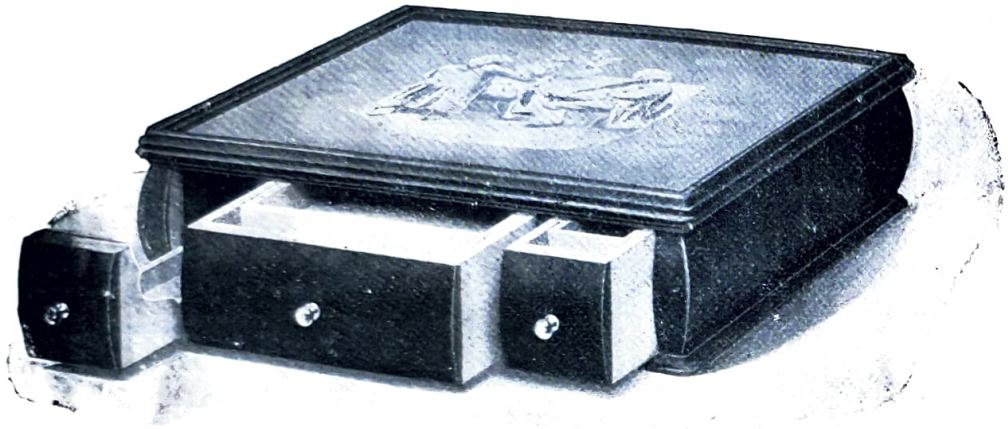
5155 ***Chair Bracket,** for table and spittoon, to fit chair No. 5154, nickel plated, and black japanned with gold lines, complete, as illustrated 3 5 0

* Obtained to order only.

Dental Instruments, Furniture, etc.—*continued.*

Chair Bracket—*continued.*

The above bracket is made to pivot at the fastening, and is capable of being turned through a radius of half a circle. The upright standard can be raised or lowered, and securely clamped at any point. The spittoon bracket can be adjusted to any height on the standard, and is hinged near the centre, so that it can be folded back out of the way when not required for use.



5156

No.		*£ s. d.*
5156	***Chair-Bracket Table,** for fixing to bracket No. 5155, mahogany	3 0 0

The above table contains 3 drawers running the whole width of the table, so that they can be opened from either side. The middle one measures 6⅜ in. by 2 in. by 12½ in., and contains two sliding trays; one of the others also has a sliding tray, whilst the third contains a number of holes for holding engine burrs and discs. The top of the table is covered with a glass plate, with slight ornamentation beneath it.



5157

5157	***Chair-Bracket Table,** for fixing to bracket No. 5155, 18 in. by 15½ in. by 4¼ in., in oak, walnut, or mahogany	4 10 0

The 4 drawers are made the entire width of the table, and can be opened from either side. The wings at either end contain nickel-plated racks for engine burrs and discs, and a nickel-plated cotton wool holder, containing a spring to press the wool forward is attached at one of the lower corners.

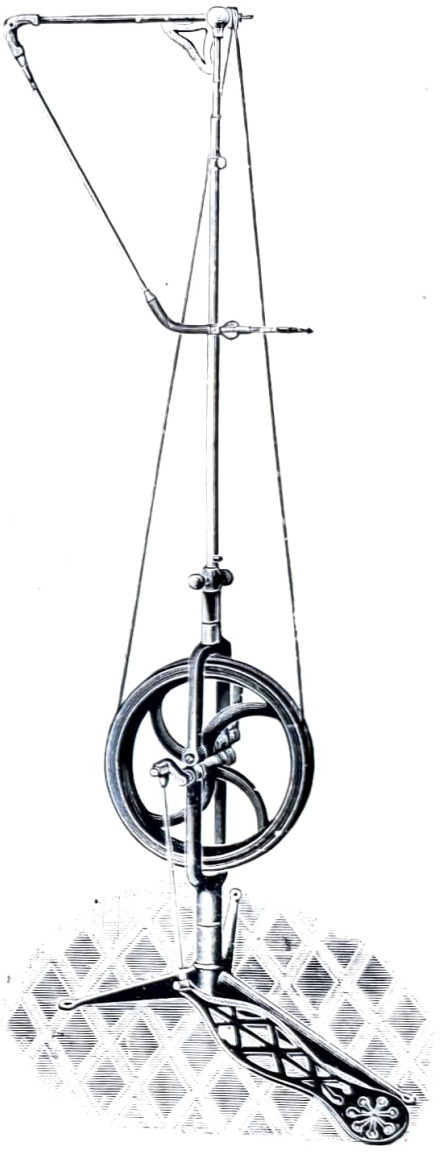
* Obtained to order only.

Dental Instruments, Furniture, etc.—*continued.*

No.		*£ s. d.*
5158	**Dental Engine,** Parson Shaw's—	
	The characteristic feature of this particular engine is that it has a mandrel enclosed in a metal sheath in place of the ordinary flexible cable. This mandrel is connected with the arm by a flexible elbow, and has at its other end a flexible wrist, to which the hand-piece is joined. This arrangement renders the whole arm more flexible, and the hand-piece much lighter in the hand than does the ordinary form of dental engine. The engine is made with a rocking motion, which renders the upright capable of being tilted either backwards or forwards.	
5158	Complete, with No. 7 hand-piece, slip joint attachment and oil can, all bright parts nickel plated	7 10 0
5159	Do. do. do. with right angle attachment and slip joint ...	9 0 0
5160	Holland cover for do. ...	0 2 6

Electric Motor Engines (*see pages* 388 *and* 389).

Dental Engine Instruments, viz., Burs, Drills, Burnishers, Reamers, etc., etc., as listed by the leading Dental Houses, are kept in stock and supplied at moderate prices, but on account of their multiplicity, space cannot be found for them in a small catalogue of this description.



5158



5161



5162

Elevators, in metal handles—

		£ s. d.
5161	Hospital pattern, right	0 4 0
5162	Do. do. left	0 4 0

Dental Instruments, etc.—*continued.*



5163



5164



5165

No.		*£*	*s.*	*d.*
	Elevators, in metal handles, *continued*—			
5163	Thompson's, right	0	4	0
5164	Do. straight	0	4	0
5165	Do. left	0	4	0
5166	**Files, Dividing,** sizes 000–8 ... ... per doz.	0	3	0
5167	**Floss Silk,** on reels, waxed or unwaxed ... per doz. : 8 yds., 4/0 ; 12 yds.	0	6	0



5168



5169



5170

Forceps, for Excision, Splitting, etc., nickel plated—

5168	For excision of Upper Teeth	0	6	0
5169	For excision of Lower Teeth	0	6	0
5170	For splitting Molar Roots...	0	6	0



5171



5172



5173



5174

Forceps, for Extracting, nickel plated—

Circular-jointed Forceps, for Adult Teeth

5171	For Upper Centrals and Canines	0	6	0
5172	For Upper Laterals and Bicuspids	0	6	0
5173	For Lower Centrals and Canines	0	6	0
5174	For Lower Bicuspids	0	6	0

Dental Instruments, etc.—*continued.*



5175



5176



5177



5178

Forceps for Extracting, nickel plated—*continued.*

No.	Circular-jointed Forceps, for Adult Teeth—*continued.*	£	s.	d.
5175	For Upper Molar stumps, right	0	6	0
5176	For Upper Molar stumps, left	0	6	0
5177	For Upper Molars, right	0	6	0
5178	For Upper Molars, left	0	6	0



5179



5180



5181

5179	For Upper Molars, with broken crown, right	0	6	6
5180	For Upper Molars, with broken crown, left	0	6	6
5181	For Lower Molars, either side	0	6	0



5182



5183



5184



5185

5182	For Lower Wisdoms, either side	0	6	0
5183	For Upper Wisdoms, either side	0	6	0
5184	For Upper Stumps, Canine and Incisor	0	6	0
5185	For Upper Stumps, Bicuspid and Molar	0	6	0

Dental Instruments, etc.—*continued.*



5186



5187



5188

Forceps, for Extracting, nickel plated—*continued.*

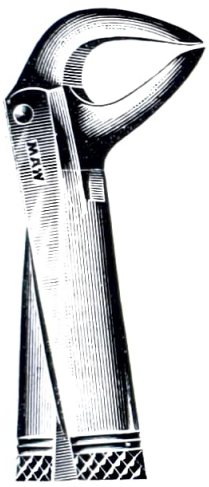
No.	Circular-jointed Forceps, for Adult Teeth—*continued.*	£	*s.*	*d.*
5186	For Upper Stumps, Molar and Wisdom	0	6	0
5187	For Lower Stumps	0	6	0
5188	For Lower Stumps	0	6	0



5189



5190



5191



5192

5189	*For Lower Bicuspids, "Hawksbill" pattern	0	7	6
5190	*For Lower Molars, "Hawksbill" pattern	0	7	6
5191	*For Lower Stumps, "Hawksbill" pattern...	0	7	6
5192	For Lower Stumps, "Longshank" pattern	0	6	0



5193



5194



5195



5196

5193	For Upper Stumps, "Longshank" pattern	0	6	0
5194	For Upper Stumps, "Longshank" pattern	0	6	0
5195	For Upper Stumps, "Longshank" pattern	0	6	0
5196	For Lower Stumps, "Longshank" pattern			

* This is not a true circular-jointed forceps; see illustration.

Dental Instruments, etc.—*continued.*



5197



5198

Forceps, for Extracting, nickel plated—*continued.*

No.		*£*	*s.*	*d.*
	Circular-jointed Forceps, for Adult Teeth—*continuea.*			
5197	For Upper Fragments, "Longshank" pattern	0	6	0
5198	*Universal pattern, for Upper or Lower Teeth, either side	0	8	0



5199



5200



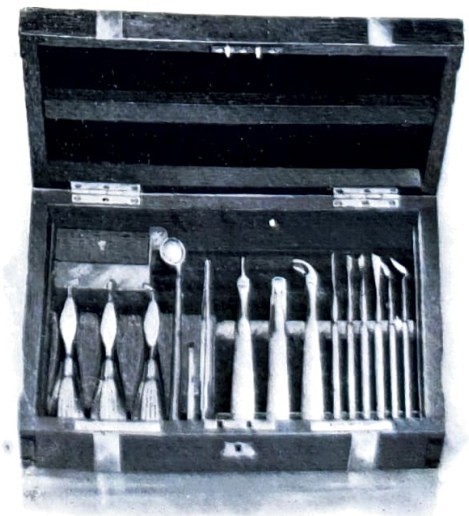
5201

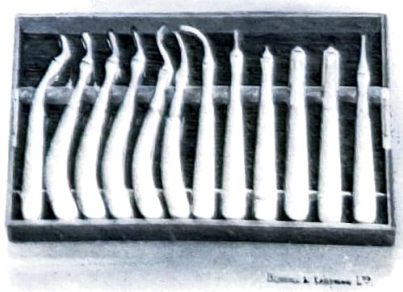


5202

Circular-jointed Forceps, for Children's Teeth—

5199	For Upper Incisors	0	6	0
5200	For Lower Incisors	0	6	0
5201	For Upper Molars	0	6	0
5202	For Lower Molars	0	6	0



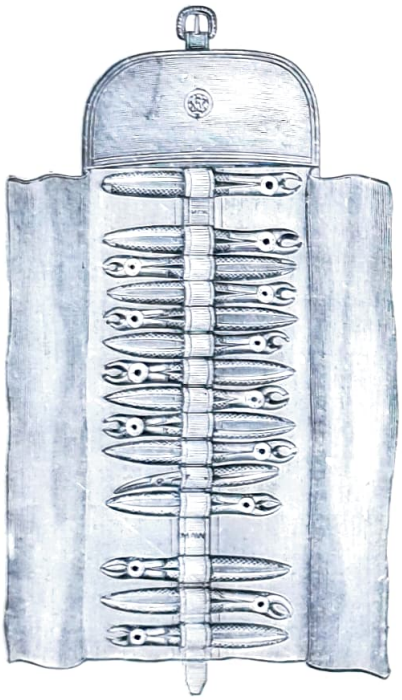


5203

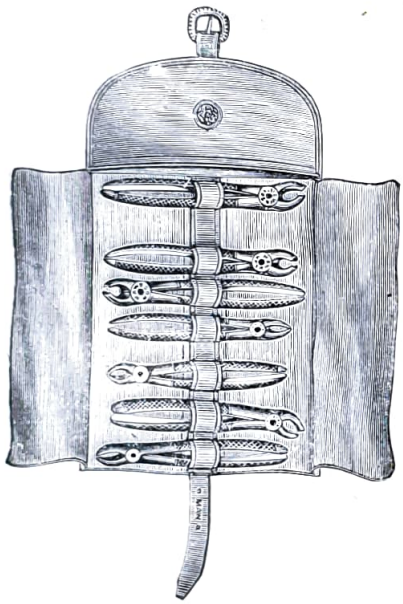
* This is not a true circular-jointed forceps, only illustration.

Dental Instruments, etc.—*continued.*

No.		£	s.	d.
	Forceps, for Extracting, in sets—			
5203	Set, consisting of 15 pairs of circular-joint and "hawksbill" pattern forceps, 3 elevators, gum lancet, mouth mirror, wool forceps, and 6 scalers, in brass bound mahogany case	8	0	0
5204	Set, consisting of 7 pairs of circular-jointed forceps, viz., Nos. 5171, 5173, 5177, 5178, 5185, 5191 and 5192, in roll up leather pouch	2	5	0
5205	The Navy Set, consisting of 10 pairs of circular-jointed forceps, 2 elevators, 6 burs, chisel, probe, 4 excavators, glass slab, pestle and mortar, 3 pluggers, 2 scalers, spatula, amalgam spoon, tweezers, and mouth mirror, in mahogany case	12	0	0



5206 (16 HOLE)



5206 (8 HOLE)

5206 **Forceps Pouches,** Leather—

To hold	...	7	8	10	12	14	15	16	18
each...	...	6/-	6/9	8/3	9/9	11/3	12/-	12/9	14/3



5208



5209

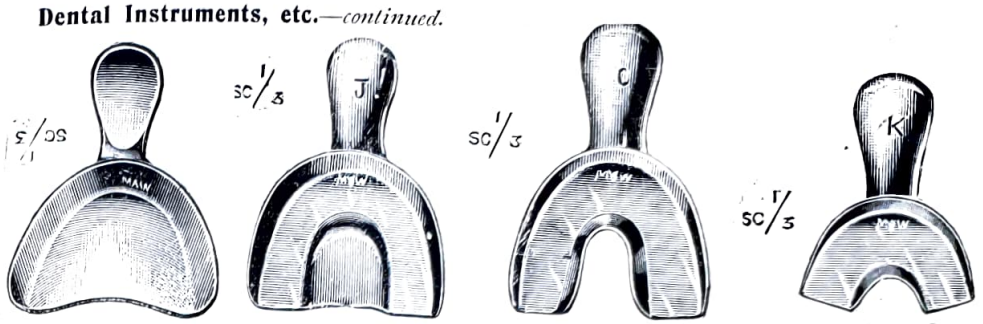


5210

Gags or Mouth Props—

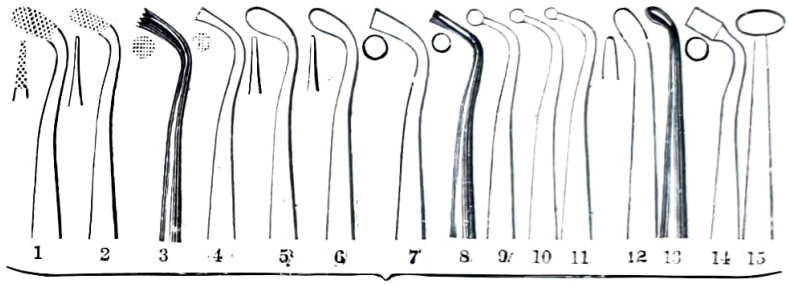
| | | |

Dental Instruments, etc.—*continued.*



5213 5214 5215 5216

No.		£	*s.*	*d.*
	Impression Trays, Britannia metal—			
5213	For upper jaw, 4 sizes, Nos. 0–4	0	1	6
5214	Do. with narrow plate and slightly turned up ends, 4 sizes, Nos. 0–4	0	1	6
5215	Do. 4 sizes, Nos. 0–4	0	1	6
5216	For upper and lower front pieces, etc., 3 sizes, Nos. 1–3	0	1	6
	A large variety of other shapes, both for upper and lower jaw, is kept in stock. If a selection of one dozen or more is ordered at a time a reduction of 0/3 is made upon each tray.			
5217	**Impression Composition,** Stent's ... ... per lb.	0	3	0
5218	**Impression Wax,** pink ... ... ,,	0	3	0

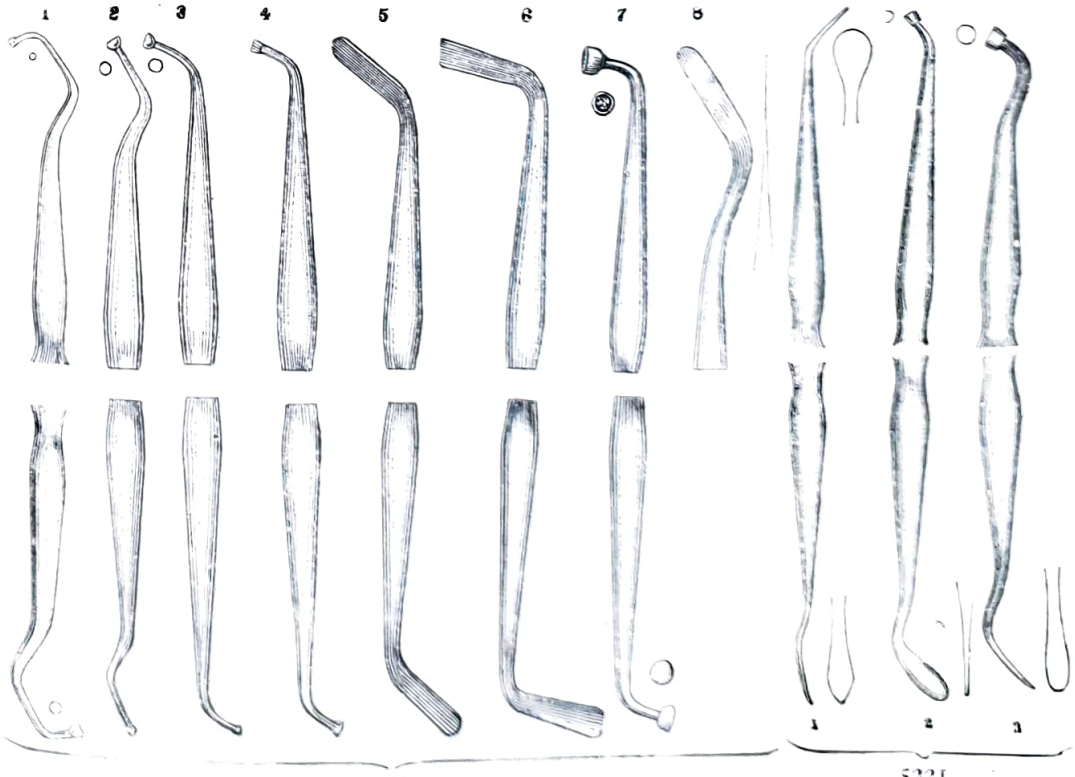


5219

Hand Instruments, with nickel plated octagon handles—

Amalgam Filling Instruments—

5219 Arrington's, 1–15 ... ... each, 1/3; per set 0 16 0

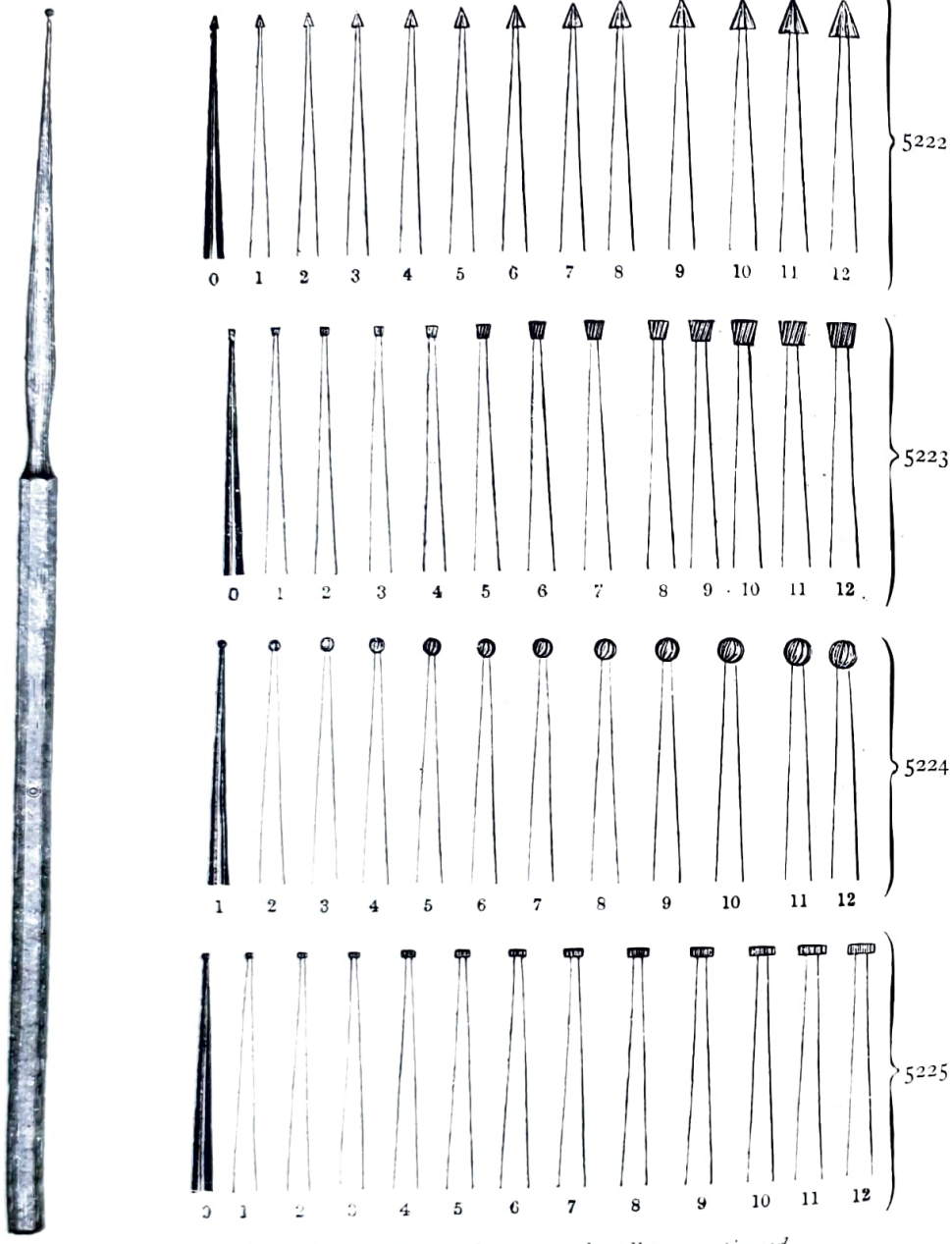


5220 5221

5220 Ladmore's, for plastic filling, 1–8 ... ... each, 2–; per set 0 15 0

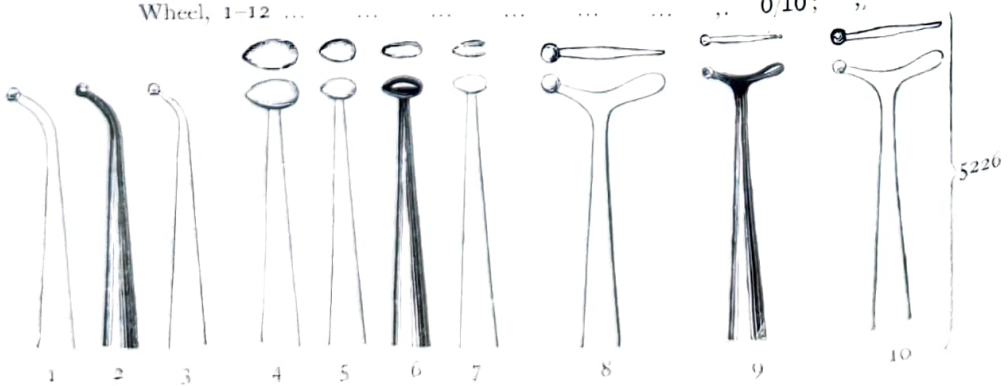
5221 Woodson's, 1–3 ... ... ,, 2–; ,, ,, 0 5 6

Dental Instruments, etc.—*continued.*

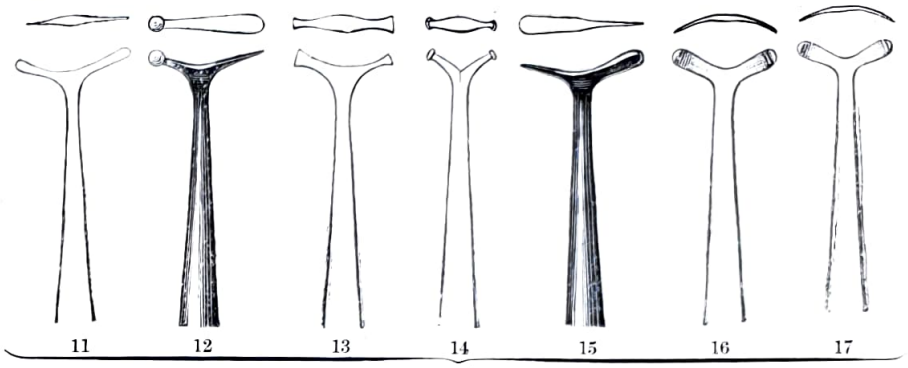


Hand Instruments, with nickel plated octagon handles—*continued.*

No.			£	*s.*	*d.*
	Burs—				
5222	Cone, 1–12	each, 0/10; per set	0	9	6
5223	Inverted cone, 1–12...	,, 0/10; ,,	0	9	6
5224	Round, 1–12	,, 0/10; ,,	0	9	6
5225	Wheel, 1–12	,, 0/10; ,,	0	9	6

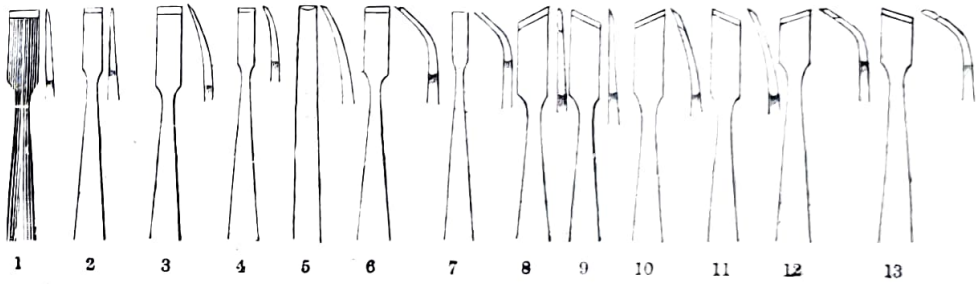


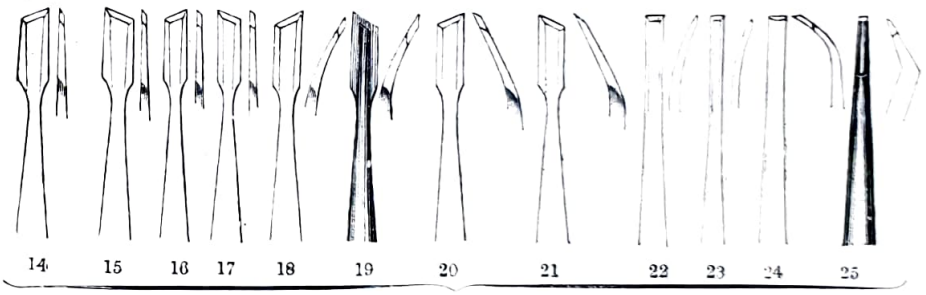
Dental Instruments, etc.—*continued.*



5226

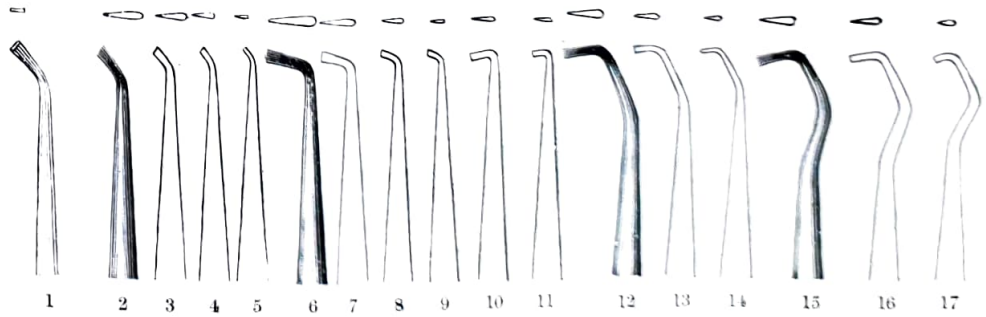
No.		£	*s.*	*d.*
5226	**Hand Instruments,** with nickel plated octagon handles—*continued.* Burnishers, 1–17 ... ... each, 1 6 ; per set	1	4	0

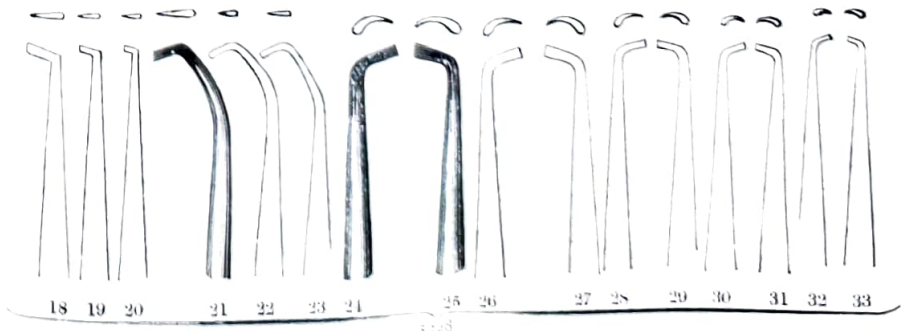




5227

5227	Chisels, 1–25 ... ... each, 1 3 ; per set	1	9	0



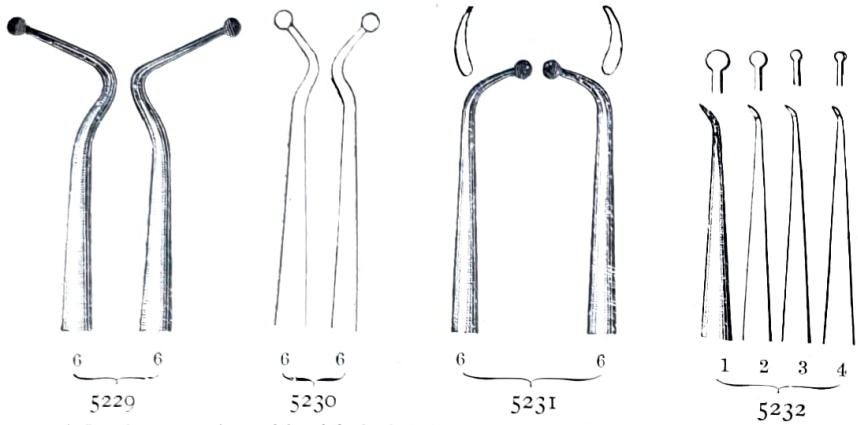


5228

5228	Excavators, 1–33 ... ... each, – 10 ; per set	1	5	6

All the above Instruments have handles as full length Instrument shown on page 232.

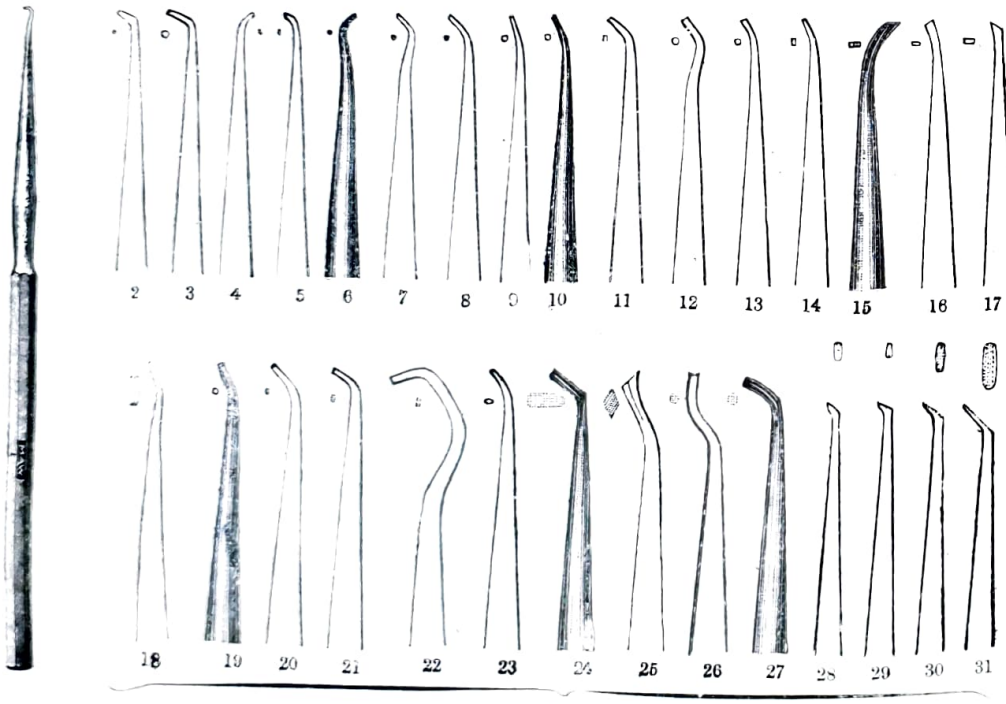
Dental Instruments, etc.—*continued.*



5229 5230 5231 5232

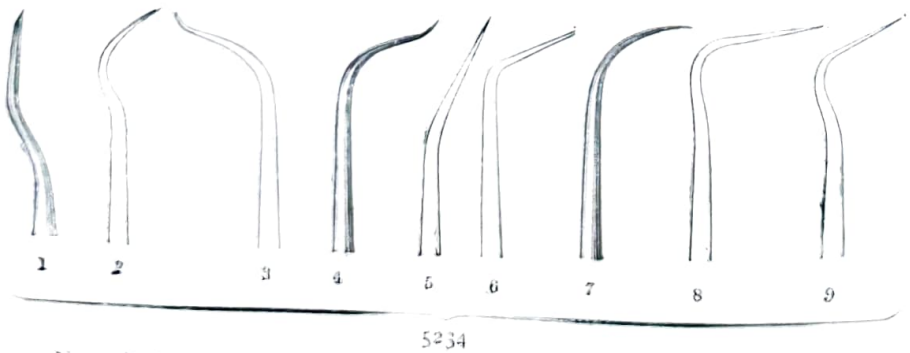
No. **Hand Instruments,** with nickel-plated octagon handles—*continued.*

		£	s.	d.
5229	Excavators, right or left, sizes 1–6 ... ... each, –/10; per set	0	9	6
5230	Do. do. 1–6 ... ... ,, –/10; ,,	0	9	6
5231	Do. do. 1–6 ... ... ,, –/10; ,,	0	9	6
5232	Do. sizes 1–4 ... ... ,, –/10; ,,	0	3	3



5233

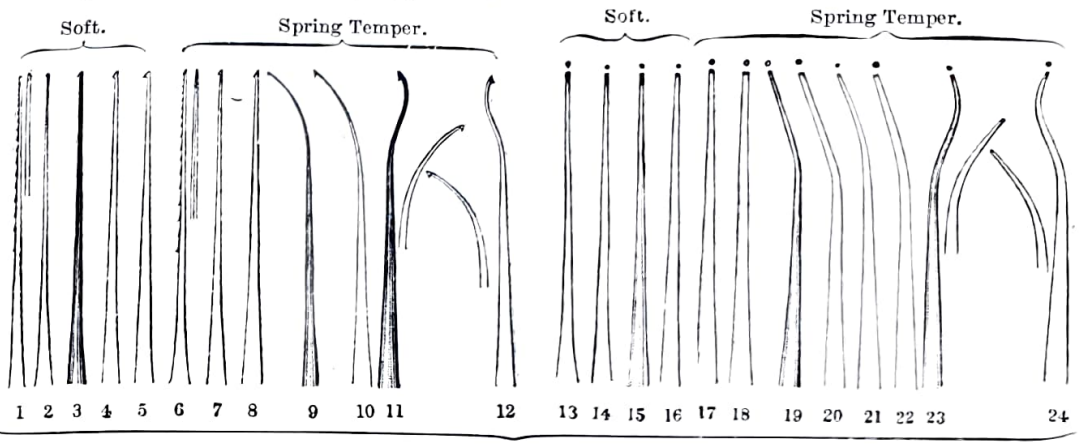
5233 Hand Pluggers, Darby's, 1–31 ... ... each, 1/3; per set 1 15 0



5234

5234 Nerve Probes, 1–9 ... ... each, 1/–; per set 0 8 0

Dental Instruments, etc.—*continued.*



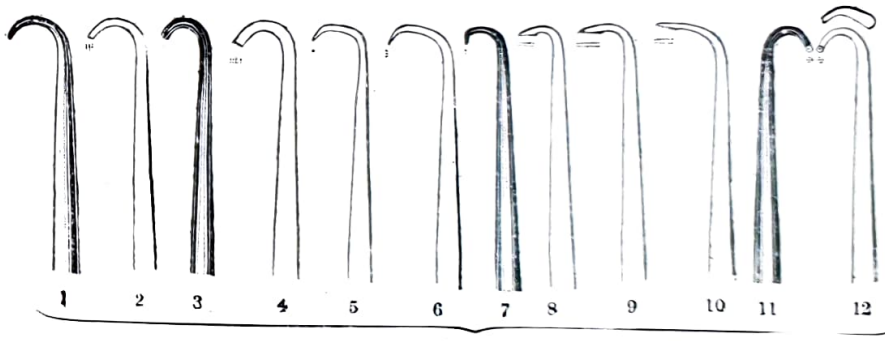
5235

No.	**Hand Instruments,** with nickel plated octagon handles—*continued.*	£	s.	d.
5235	Nerve Instruments, Arrington's, 1–24 ... ... each, 1/3; per set	1	7	0



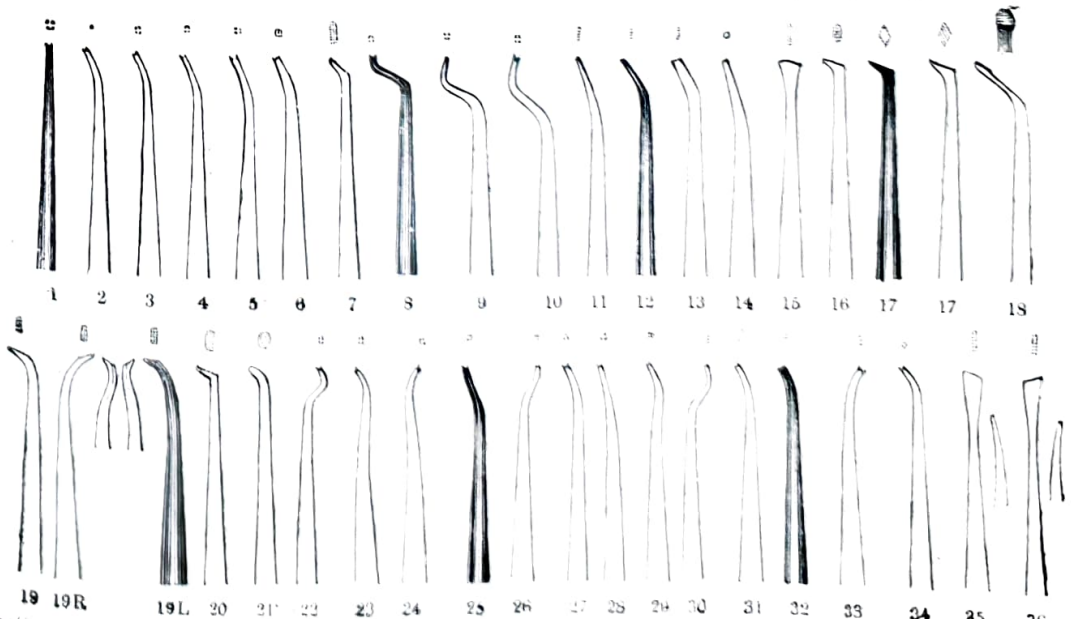
5236

5236	Mallet, Automatic, back action	1	10	0



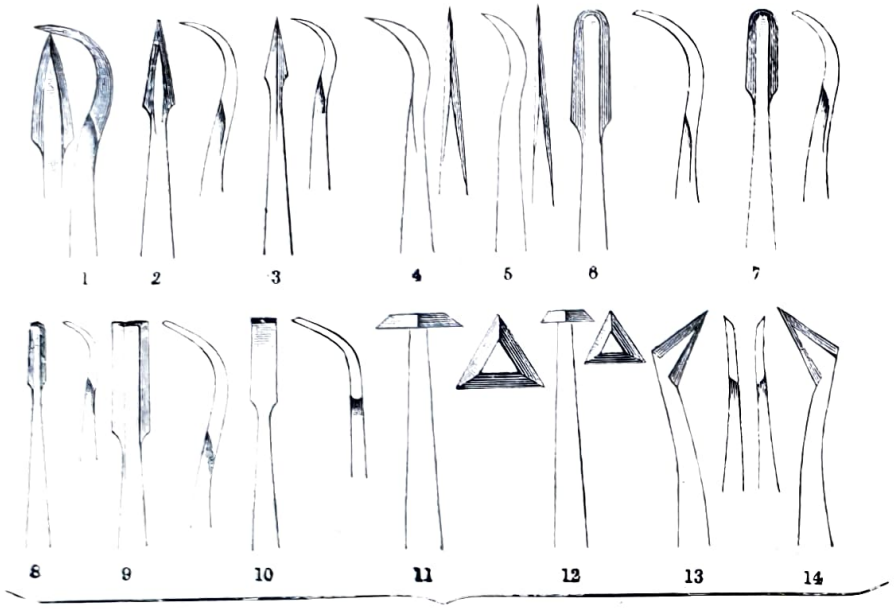
5237

5237	Points, for Automatic Mallets, 1–12 ... ... each, 1/3; per set	0	13	6



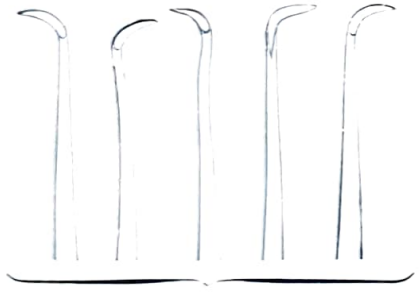
5238	Points, for Automatic Mallets, Stow and Lewis's, 1–30 each, 1/3; per set	2	1	0

Dental Instruments, etc.—*continued.*

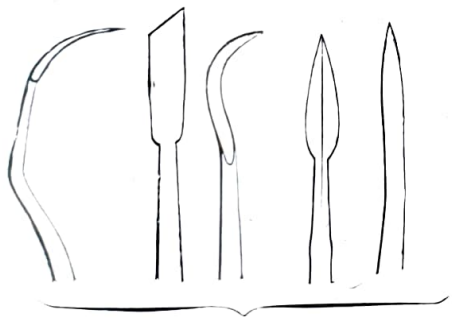


5239

No.	**Hand Instruments,** with nickel plated octagon handles—*continued.*	*£ s. d.*
5239	Scalers, 1–14 ... ... each, 1/3; per set	0 16 0



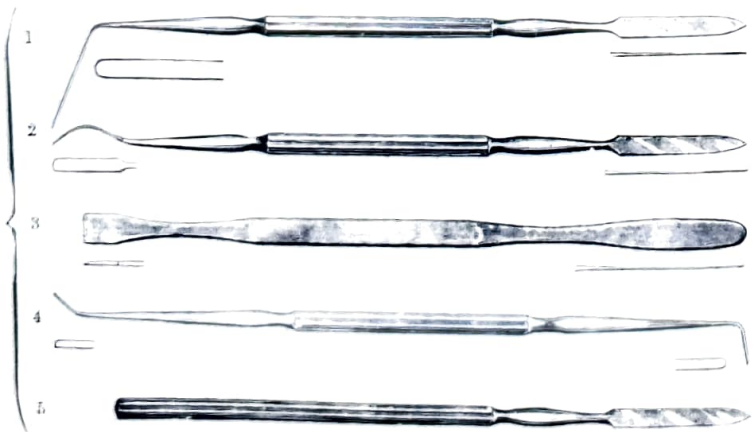
5240



5241

5240	Scalers, 1–5 (Howe's) ... ... each, 1/3; per set	0 5 6
5241	Do. 1–5 ... ... ,, 1/3; ,,	0 5 6

All the above Instruments have handles as full length Instrument shown on page 232.



5242

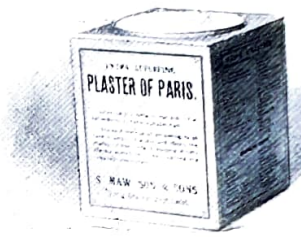
5242	Spatulæ, 1–5 ... ... each, 2–; per set	0 9 0

Dental Instruments, etc.—*continued*



5243

No.		£	*s.*	*d.*
5243	Mouth Mirror, with metal handle	0	2	6



5244



5245

Plaster of Paris, superfine—

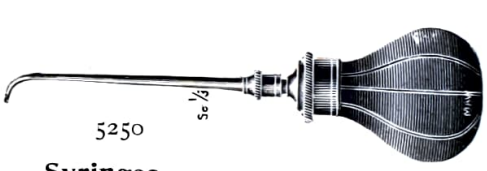
5244 In tins, with lever lids, 4 sizes, per doz.,
1 lb., 3/6 : 3 lb., 7/6 : 7 lb., 13/6 : 14 lb. 1 4 6

5245 In strong paper bags, containing 7 lbs. each (not less than ½ cwt. supplied)
per cwt. 0 8 0

Special prices will be submitted for large quantities.

Stopping—

5246	Amalgam	per oz.	0	10	0
5247	Gutta-percha, white enamelled, in sheets, each weighing 4 oz.	per sheet	0	4	6
5248	Do. do. in large sticks	per doz.	0	7	0
5249	Do. do. in small sticks	per ¼ lb.	0	5	4



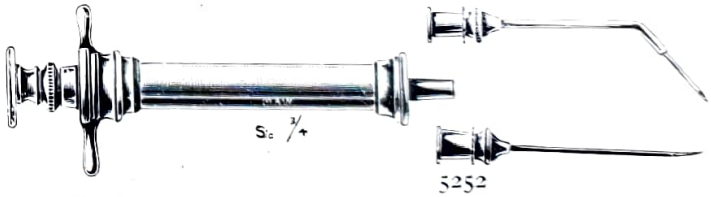
5250



5251

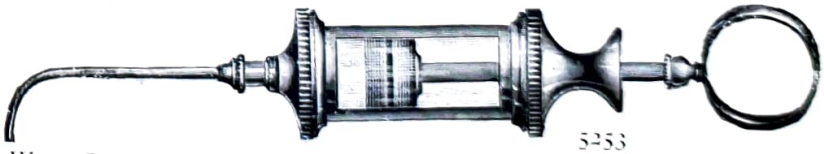
Syringes—

5250 Chip Syringe, india-rubber, 1 oz., with slip-off pipe 0 3 6
5251 Hot Air Syringe, india-rubber, 1 oz., with silver pipe... ... ... 0 4 0



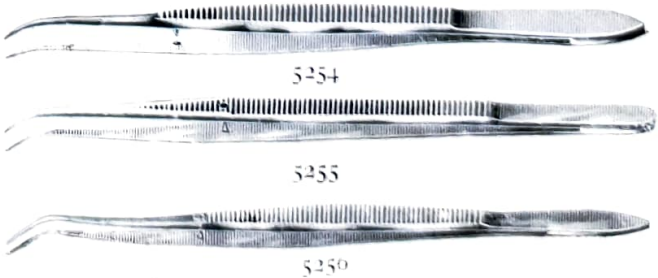
5252

5252 Hypodermic Syringe, all metal, with metal piston and two needles, straight and angular 0 7 6



5253

5253 Water Syringe, metal and glass 0 4 0



5254

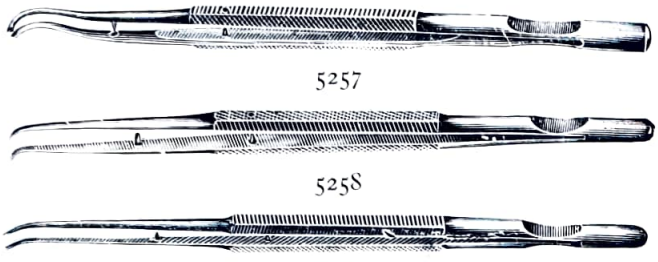
5255

5256

Tweezers, with sharp points and flat sides—

5254	Curved	0	2	6
5255	Angular	0	2	6
5256	Do.	0	2	6

Dental Instruments, etc.—*continued.*



5257

5258

5259

No.		£	s.	d.
	Tweezers—*continued.*			
	With bifurcated points and hexagonal sides—			
5257	Curved	0	3	6
5258	Angular	0	3	6
5259	Do.	0	3	6
5260	**Wax composition,** for modelling ... ... per lb.	0	3	0



5261



5262

Wool Boxes, nickel plated—

5261	For clean wool, with spring bottom	0	3	3
5262	For used wool	0	3	3



5263

5263	**Set of Dental Instruments,** as supplied to the dental students at Guy's Hospital, in polished mahogany cabinet, with baize cover ... ... about	25	0	0

Contents of Guy's Hospital Set.

No.		No.		No.
Shaw's Engine, with No. 7 handpiece, slip joint and oil can ...	1	Cover for Engine ...	1	Burs, Drills, etc.—
		Right-angle Attachment, No. 2, for slip joint ...	1	Revelation, round ... 1
				Cavity, round ...

Dental Instruments, etc.—*continued.*

Contents of Guy's Hospital Cabinet—*continued.*

Burs, Drills, etc.—*contd.*	*No.*
Cross cut, round ...	12
Do. do. ...	2
Do. inverted cone...	3
Dentate Fissure ...	4
Finishing	5
Do.	1
Inlay Burs, Dall's ...	2
Spear Drills	3
Spear Drill for dentine screw	1
Morey's Drill ...	1
Beutelrock's Drills ...	2
Burnishers, smooth ...	2
Root Reamer ...	1
Root Facer, Ottolengui's	1
Mandrels	3
Do.	1
Do.	2
Do.	1
Burs, Drills, etc., for No. 2 Right-angle Attachment—	
Revelation, round ...	3
Cross-Cut, round ...	5
Do. inverted cone ...	3
Dentate Fissure ...	4
Spear Drills	2
Morey's Drill ...	1
Beutelrock's Drills ...	2
Root Reamer ...	1
Carborundum Stump Wheel, round edge, ¾ in.	1
Do. Points...	2
Wood Polishing Points, 6 each ... doz.	1
Rubber Polishing Cups	2
Wire Brush for engine	1
Scalers—	
William's	1
Howe's	1
Lord's	1
Enamel Chisels, file-cut handles, Mitchell's	3
Enamel Cleavers, Case's	2
Excavators—	
Plain octagon handles	15
Darby Perry's N.P.	1
Nerve Extractors, Jenkin's... doz.	1
Do. Canal Broaches doz.	2
Do. do. Broach Holder	1
Do. Bristles, Donaldson's Barbed ...	2
Do. Canal Plugger ...	1

Probes—	*No.*
Round-handled ...	4
Plain octagon ...	1
Hand Pluggers, in ebony handles—	
Woodhouse's ...	4
Hospital	2
Automatic Mallet, Southwick's ...	1
Screw-end Pluggers for do.—	
Ladmore's... ...	3
Royce's	4
Webb's	1
Thompson's ...	1
Lloyd Williams' ...	1
Foil Scissors ...	1
Do. Knife ...	1
Small Carborundum Wheels, assorted sizes and grits ...	6
Plastic Filling Instruments—	
Flagg's	1
Ladmore's... ...	1
"Special" ...	1
Hospital pattern ...	1
Cup Amalgam Carrier	1
Tweezers, plugging.	1
Do. dressing, college	1
Spatula, Weston's..	1
Do. Rowney's.	1
Plug Trimmers, Rhein's	2
Reel of Floss Silk, waxed	1
Clamp Forceps, Stokes'	1
Rubber-dam Holder, Fernald's ...	1
Rubber-dam Punch	1
Mouth Mirror ...	1
Chip Syringe ...	1
Water Syringe (rubber)	1
Gum Lancet, 2 blades	1
Dally's Knife ...	1
Gum Scissors, curved	1
Spirit Lamp, all metal	1
Pestle and Mortar, glass	1
Mercury Bottle ...	1
Glass Bottles for Cabinet	8
Articulating Paper, thick and thin ...	2

	No.
Arkansas Stone in case	1
Scissors, strong ...	1
Hank of Tape ...	1
Sterilizer, special pattern	1
Impression Trays, B.M.—	
A. Upper	3
C. Lower	3
Wax Spatula, double-ended ...	1
Sculptors and Handles	4
Gouge and Handle.	1
Vulcanite Files, 5in. B. and R. ...	2
Gold Files, 4½ in. S. and B. ...	2
Pliers, pin-roughing and bending ...	1
Do. snipe-nose, 4½ in.	1
Cutting Nippers, 5 in. bright ...	1
Do. 4½ in. black	1
Broaches and Handles	3
Fret Saw	1
Fine Saws ... doz.	1
Chasers, special ...	3
Blowpipe for Mouth, 12 in.	1
Solder Tweezers ...	1
Crown Holder ...	1
Shears, curved ...	1
Collar Pliers, N.P.	1
Pin Nippers, plain.	1
Riveting Hammer .	1
Dividers, 4½ in. ...	1
Vulcan Discs, 2 each, flat, concave and convex	6
Paper and Cloth Discs, assorted, box	1
Moose Hide Points ,,	1
Donaldson's P.C. Cleansers No. 1 ,,	1
Foil Case	1
Dividing Files "Flexo" OOO doz.	1
Cone Socket Handle	1
Rubber-damp Clamps, Ivory's	6
Melotte's Moldine Outfit	1
Matrix Retainer Ivory's	1
Separator, Perry's D.	1
Richard's Porcelain Tablet	1
Dentine Screw, Dental Alloy ...	–

The contents of the above set are liable to variation from time to time, as the Hospital authorities may think fit.

Mechanical tools, lathes, furnaces, vulcanizers, etc., etc., although not kept in stock, can be supplied at the usual wholesale prices at a few hours' notice.

ANÆSTHESIA APPARATUS.



5264



5265



Sc. 1/4.

5266



5267

No.		£	s.	d.
	Chloroform Drop Bottles—			
5264	Bloxam's, 2 oz., graduated to minims, in leather case	0	3	6
5265	Dudley Buxton's, with grooved stopper, graduated to drachms, in leather case, 2 sizes ... ... 2 oz., 3/– ; 4 oz.	0	4	0
5266	Esmarch's, with screw metal mount	0	5	0
5267	MAW's, with metal stopper, graduated to drachms, in leather case, 3 sizes, 1 oz., 2/9 ; 2 oz., 3/– ; 4 oz.	0	3	6
5268	Do. do. without case ... 1 oz., 2/– ; 2 oz., 2/3 ; 4 oz.	0	2	6



Sc. 1/4

5269



5270



5271



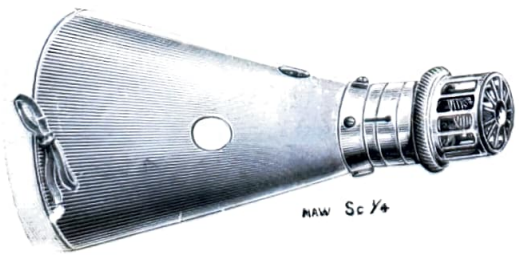
5272

5269	Rodman's, graduated to drachms, in boxwood case with separate compartment in lid for nitrite of amyl capsules	0	7	6
5270	Skinner's, 4 oz., in leather case	0	4	6
5271	Symon's, 2 oz., graduated to drachms, in leather case...	0	6	6
5272	Thomas's, 2 oz., graduated to drachms, in leather case	0	7	6



Sc. 1/4

5273

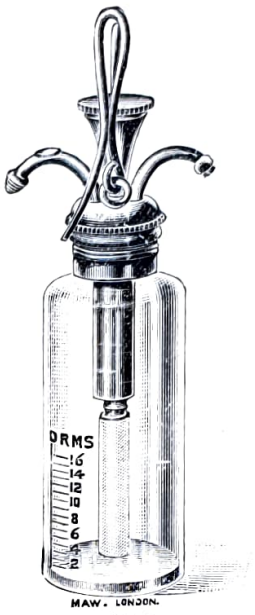


5274

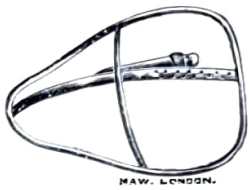
Chloroform Inhalers—

5273	Esmarch's Mask, nickel plated, with domette cover	0	5	0
5274	The "Hyderabad," with feather indicator	0	15	6

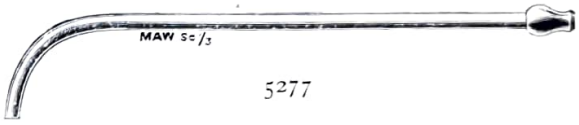
Anæsthesia Apparatus—*continued.*



5275



5276

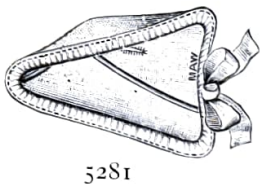


5277

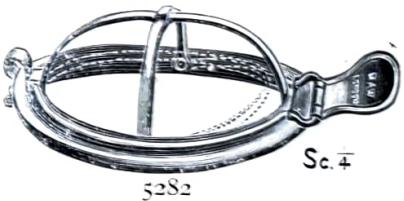


5279

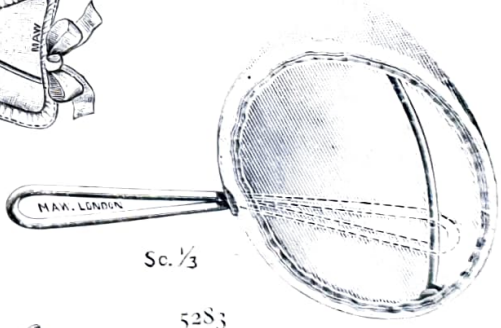
No.	**Chloroform Inhalers**—*continued.*	£	*s.*	*d.*
	Junker's Apparatus, as modified by Dudley Buxton, consisting of—			
5275	Buxton's Improved Bottle, graduated to 16 drachms	1	1	6
5276	Buxton's Metal Face Piece, with flannel cover	0	8	6
5277	Metal Tube, for mouth operation	0	1	9
5278	Complete, with bellows and tubing, in leather-covered case	2	2	0
5279	Vajna's Glass Face Piece, for use with above, instead of Buxton's	0	6	6
5280	Double Nose Piece, india-rubber, for administration through nose	0	3	0



5281



5282



5283





5285

5281	Murray's, nickel plated, with cover, as used at Middlesex Hospital	0	4	6
5281*a*	Do. do. do. folding	0	7	6
5282	Schimmelbusch's, with hinged frame, for holding lint, 2 sizes ... each	0	5	0
5283	Skinner's Folding Frame, with 2 domette and 1 silk covers	0	9	0
5284	Hahn's Canula, with compressed sponge for administering chloroform through the trachea during operation on the larynx, 4 sizes, Nos. 26, 30, 34 and 38 ... ... each	1	5	0
5285	Do. do. complete with chloroform apparatus ... ... ,,	1	12	6
5286	Trendelenburg's Canula, with india-rubber tampon, 3 sizes, Nos. 30, 32 and 34 ... ... each	1	4	0
5287	Do. do. complete with chloroform apparatus ... ... ,,	1	11	6

Anæsthesia Apparatus—*continued.*

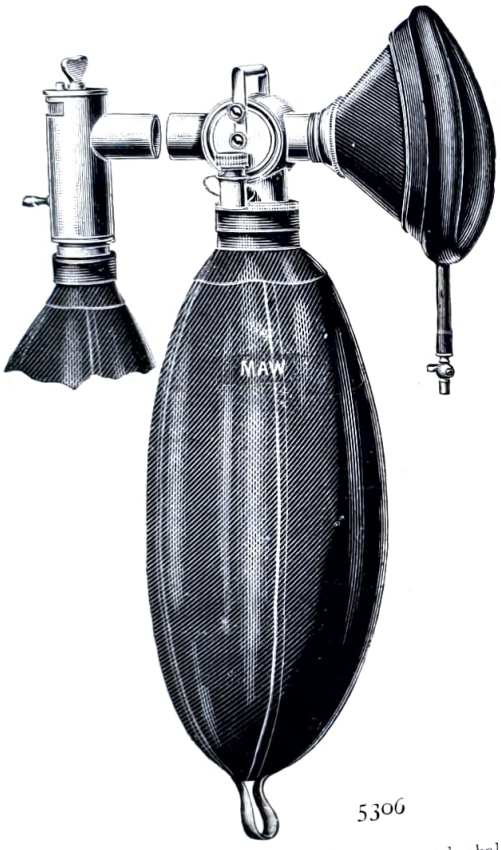
Ether Inhalers, etc.—*continued.*

No.		£	s.	d.
5303	Silk's Celluloid, for ether or A.C.E. mixture, 3 sizes ... ... each	0	9	6
5304	Do. nickel plated, with diaphragm	1	0	0
5305	Waring's, nickel plated, a modification of No. 5304, with detachable face piece and metal spring for holding the sponge; 2 sizes, children's and adults ... ... each	1	2	0

The detachable face piece is made with an inner lip, between which and the surface of the inhaler is a space of sufficient depth to contain any excess of moisture which may flow down. By this device, blistering of the face is effectually prevented.

5306 Bellamy Gardner's Regulating Inhaler, for ether and gas, complete, with Hewitt's stop-cock £4 14 0

5307 Do. do. without gas portion £2 2 0

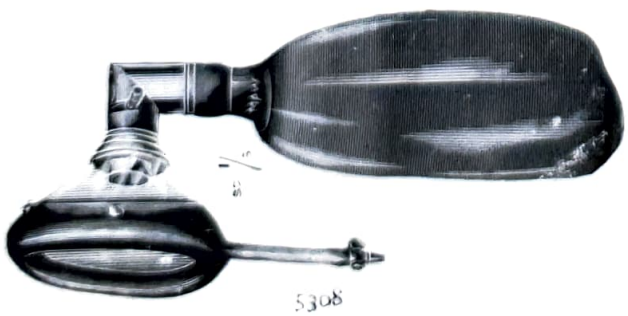


5306

EXTRACT FROM "LANCET," JULY 18, 1903:—

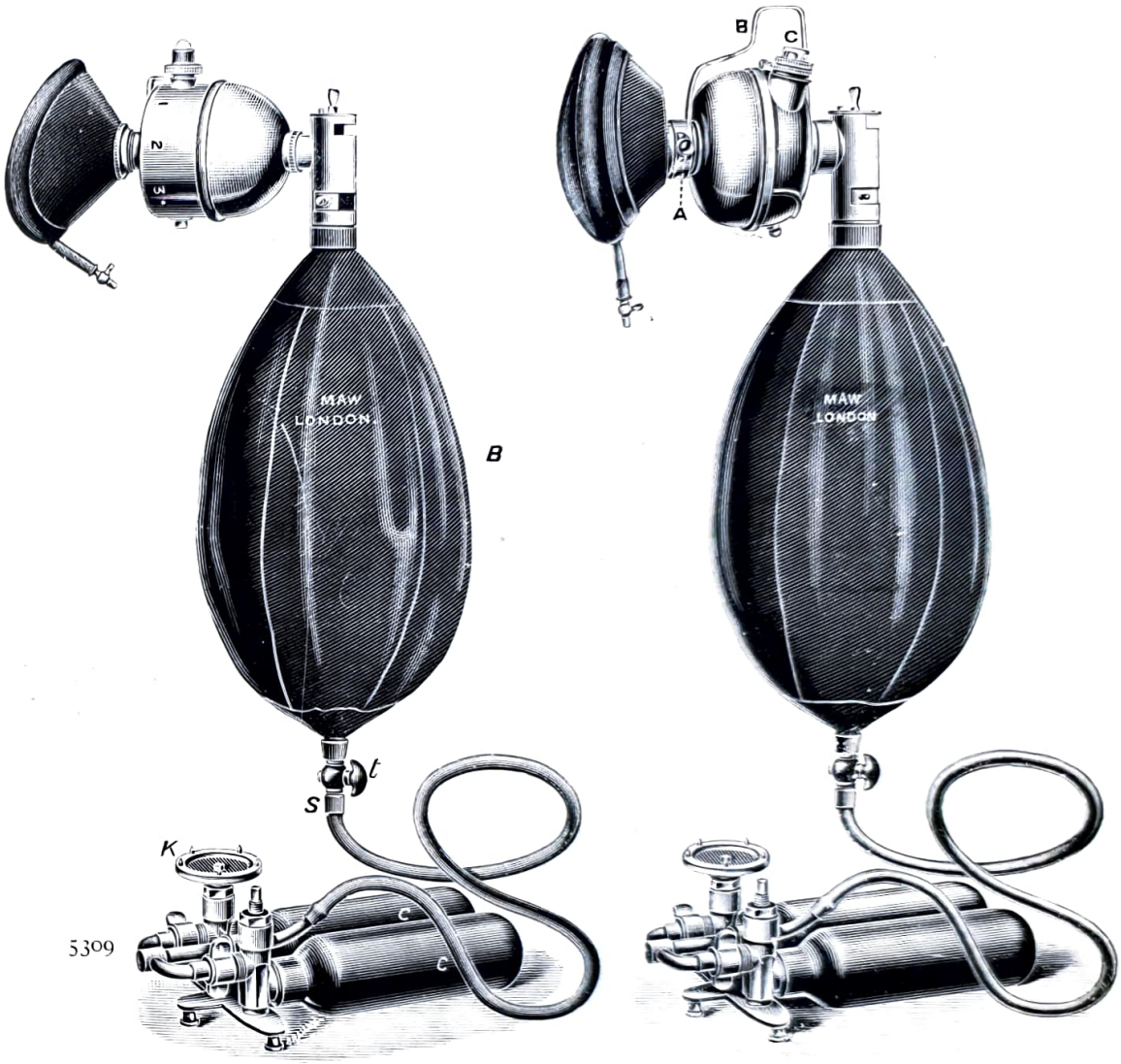
"For many years it has been obvious that in teaching the use of ether as a general anæsthetic, especially in combination with nitrous oxide gas, a simpler form of regulatiag apparatus was required, with larger breathing channels than those in former use. Lightness and portability, combined with a greater adaptation to the needs of powerfully-built patients—namely, a large yield of ether vapour mixed with air when required—were some of the desiderata to be secured." A form of stop-cock has therefore been made for me "of wide calibre, with a collar and inhaling bag to hold an ether sponge which is capable of fitting the face-pieces sold by them for both Clover's Ether Inhaler and for Hewett's Gas Apparatus. This latter also fits into the stop-cock for the administration of nitrous oxide with ether during the induction of anæsthesia. The new stop-cock and bag only are therefore required to convert the gas apparatus into a regulating ether inhaler suitable for every type of patient for whom ether is an appropriate anæsthetic. To administer nitrous oxide and ether, the metal collar of the inhaling bag having been detached from the stop-cock, a honeycomb sponge (of the size of an orange) which has been wrung out of warm water, should be arranged inside the sponge-cage and, for an adult patient, one and a-half ounces of ether should then be poured upon it. The handle of the stop-cock is now turned to 'E' and the bag collar is attached to it by its bayonet catch. A suitable face piece is then fitted to the proximal side of the stop-cock and Hewitt's Gas Apparatus two-thirds full of nitrous oxide is fitted to the distal side. The apparatus is now ready for the patient. When the face piece is applied five breaths of nitrous oxide should be given through the valves of the gas apparatus, which should then be thrown out of action and re-breathing commenced by turning the upper tap round on its axis. Next, the handle of the ether stop-cock should be gently and very slowly moved towards the face piece. This movement closes the gas orifice as it opens the ether bag, so that the patient receives a very gradual increment of ether vapour, whilst his tidal respirations gradually pass from the one bag to the other. When the patient is breathing entirely into the ether the gas bag is detached and laid aside. Additional ether, when required, can be poured into the filler at the side of the stop-cock. Air can be admitted in any amount by moving the stop-cock handle back again, so as partially or completely to open the orifice to which the gas bag was first attached. The inhaler can also be used for ether alone, without nitrous oxide, in the same way as a Clover's apparatus; but during the induction air is freely mixed with ether vapour until the respirations pass entirely into the ether bag.

"MANSFIELD STREET, W." "H. BELLAMY GARDNER.


5308

5308 Sormnoform Inhaler 1 1 0

Anæsthesia Apparatus—*continued.*



5309

No.	**Nitrous Oxide Apparatus etc.**—	£	s.	d.
5309	Hewitt's Apparatus, for the administration of gas alone, or gas and ether combined, consisting of patent celluloid face piece, Clover's inhaler, three-way stop-cock, gas bag, tubing and cylinder union	4	5	0

Any of the stop-cocks mentioned on page 248 can be substituted in place of the one shewn in the illustration at the same price.

5310	Hewitt's Improved Large Bore Inhaler, for the administration of gas alone, or gas and ether combined, consisting of improved face piece, which locks in any position, flattened ether reservoir, three-way stop-cock, gas bag, tubing and cylinder union	5	0	0
5311	Do. do. for ether only	3	5	0

The advantages claimed for this apparatus over the ordinary Clover's Inhaler are that :—

1.—By the substitution of large breathing channels (or airways), a distinct alteration is produced in the usual phenomena of a "gas and ether" administration. The principal difference being, to quote Dr. Hewitt's words, "that stertor and cyanosis are lessened, and that the patient passes smoothly with little or no respiratory derangement from the anæsthesia of nitrous oxide to that of ether."

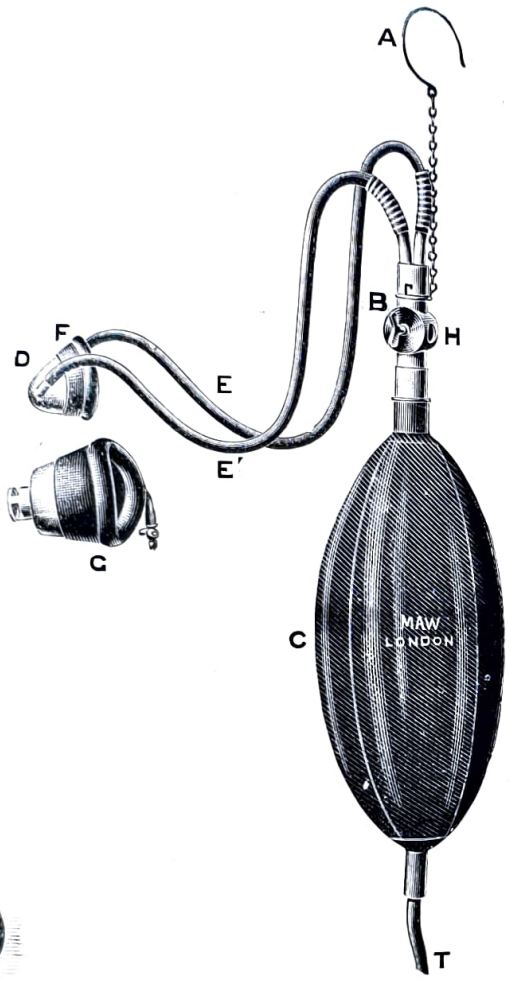
2.—Through the ether chamber remaining stationary it can always be conveniently held, so that at any period of an administration more ether can be introduced without removing the face piece from the position in which it is being used, and it is unnecessary to have a charge of ether in the chamber previous to or whilst administering gas. With nervous patients and those strongly opposed to all smell of ether, it will be found to be a very considerable gain to be able to avoid introducing it whilst the pungent effects are noticeable by the patient.

The above prices do not include the Cylinders, for prices of which see page 247.

Anæsthesia Apparatus—*continued.*



5312



5313

No.	**Nitrous Oxide Apparatus, etc.**—*continued.*	£	s.	d.
5312	Hewitt's Apparatus, for the administration of gas and oxygen combined, consisting of patent celluloid face piece, improved mixing and regulating stop-cock, double gas bag, tubing and double cylinder union	4	0	0
5313	Paterson's Improved Nasal Inhaler, for prolonged anæsthesia with nitrous oxide gas during mouth operations, consisting of aluminium nasal mask, celluloid oral mask, double conducting tube, two-way stop-cock with twin connector, gas bag, tubing and cylinder union	2	15	0

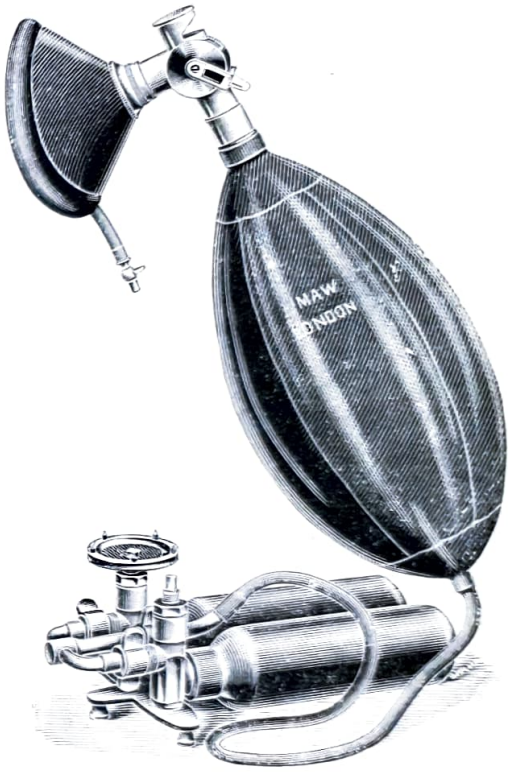
The above apparatus "consists of a small metal cover made to fit the nose accurately with the aid of an india-rubber pad. The pad is detachable, so that the cover can be readily sterilised by boiling. After the patient has taken a few breaths of gas through the nose piece, a celluloid cover with an expiratory valve is placed over the mouth. The patient is now breathing through the nose only, and expiring through the mouth. The use of this mouth cover is not absolutely necessary. Its function is two-fold. It diminishes the period of inhalation necessary for the production of anæsthesia, and consequently economises gas. In about thirty seconds the mouth cover is removed, and the operation proceeded with. The patient is now taking in gas through the nose, and a limited amount of air through the mouth, and there is no difficulty in maintaining anæsthesia; indeed, the stop-cock has often to be turned off occasionally, in order to allow the patient to obtain more air than is admitted by the mouth. The longest period during which I have had the opportunity of maintaining anæsthesia by this means is nine minutes fifty-three seconds.

The above gives the net inside diameters, for details of which see page 247.

Anæsthesia Apparatus—*continued.*



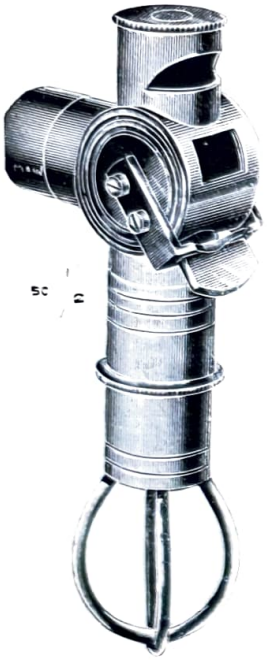
5314



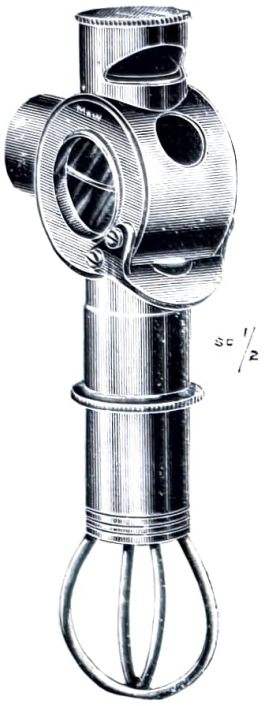
5315

No.	**Nitrous Oxide Apparatus, etc.**—*continued.*	£	*s.*	*d.*
5314	Hewitt's, for gas only, consisting of face piece, improved stop-cock, gas bag, vulcanite tap, tubing and cylinder union	2	5	0
5315	Gas Apparatus, consisting of patent celluloid face piece with inflated india-rubber cushion, improved three-way stop-cock, gas bag, vulcanite tap, tubing and cylinder union	1	17	6
5316	Gas Apparatus, as No. 5315, but with glass sides fitted to stop-cock so that the working of the valves can be seen	2	5	0
	Nitrous Oxide Cylinders (exclusive of gas)—			
5317	Single, 25 gallons, on stand with foot key	1	13	0
5318	Do. 50 gallons, do. do.	1	16	6
5319	Double cylinder foot apparatus, as shown with Nos. 5309, 5310, 5314 and 5315, consisting of two 25 gallon cylinders, stand, foot key and double union	3	7	6
5320	Do. do. consisting of two 50 gallon cylinders	3	15	0
5321	Triple cylinder foot apparatus, as shown with No. 5312, consisting of three 50 gallon cylinders (2 for N_2O and 1 for O), triple stand and foot key	5	14	0
	N.B.—An ordinary 50 gallon cylinder capable of holding 50 gallons of N_2O will only hold about 15 gallons of oxygen.			
	Nitrous Oxide Gas (exclusive of cylinders)—			
5322	25 gallons	0	3	0
5323	50 gallons	0	4	6

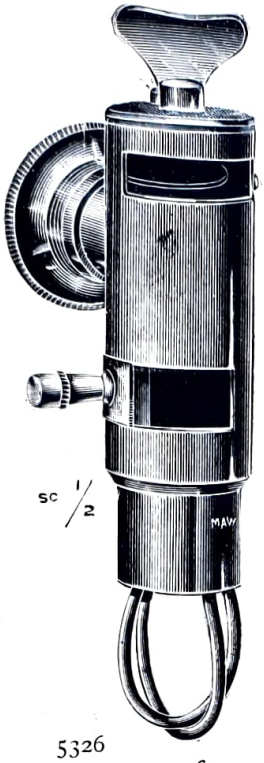
Anæsthesia Apparatus—*continued.*



5324

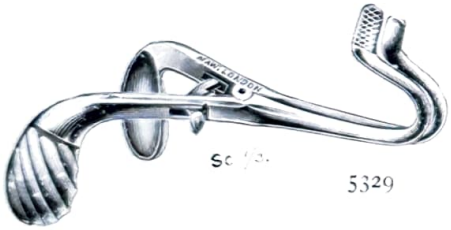


5325

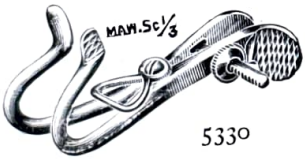


5326

No.		£	s.	d.
	Nitrous Oxide Apparatus—*continued.*			
5324	Stop-cocks, nickel plated...	0	12	6
5325	Do. do. with glass sides	1	0	0
5326	Do. do. Hewitt's (exclusive of collar)	1	0	0



5329



5330

Mouth Gags, solid forged with fluted handles—

5327	Ackland's, with parallel blades	0	19	6
5328	Buxton's, with ratchet, two sizes ... ... large 18/6 ; small	0	15	6
5329	Do. with Ackland's parallel blades ... ... large 19/6 ; small	0	16	6
	Cleft palate (*see page* 117).			
5330	Cotterill's, with ring for strap and cheek retractor	0	14	6

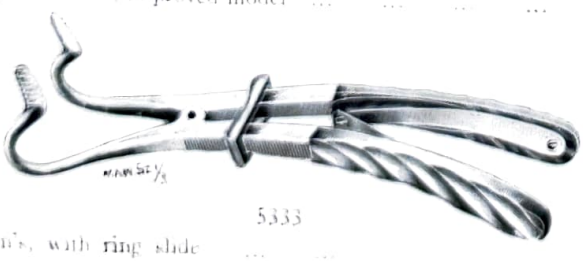


5331



5332

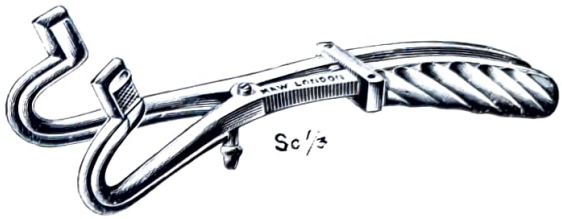
5331	Croft's, with fly-nut	0	14	0
	Dental (*see page* 230).			
5332	Doyen's, with rack, improved model	1	4	0



5333

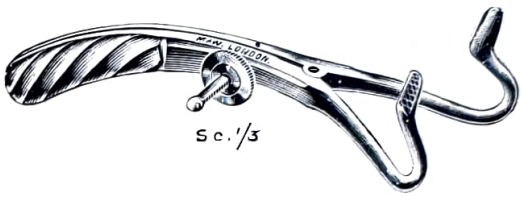
5333	Fergusson's, with ring slide	0	18	6

Anæsthesia Apparatus, etc.—*continued.*

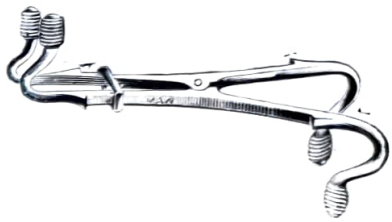


5334

No.	**Mouth Gags,** solid forged—*continued.*	£	s.	d.
5334	Hewitt's, with metal tubes attached along the lesser curvature of the blades for the administration of chloroform during operations on the mouth ...	1	7	6

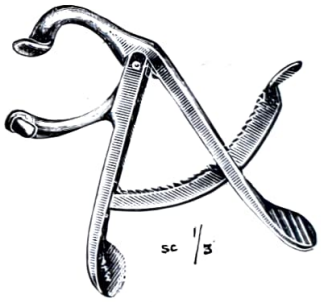


5335



5337

5335	Mason's, with fly-nut	0	16	6
5336	Do. do. with Ackland's parallel blades	0	16	6
5337	Rose's, double ended, with ring slide ... ... small 14 6; large	0	16	0

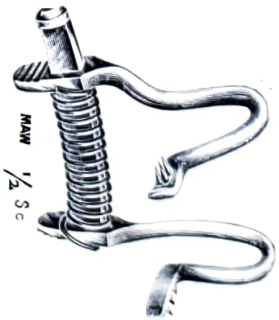


5338



5339

5338	De Prendeville's, with ratchet	1	7	6
5339	Probyn Williams's	1	8	6



5340



5341

5340	Self-expanding, Lane's, right or left, 3 sizes ... ... per pair	1	1	0
5341	Do. Wingrave's	0	8	0



5342

5342	Willett's, screw action	1	2	6

Anæsthesia Apparatus, etc.—*continued.*



5343

No.	**Mouth Wedges—**	£	s.	d.
5343	Boxwood, with screw thread	0	1	0

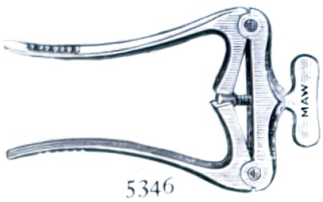


5344

5344	Boxwood, plain, Hewitt's	0	1	0

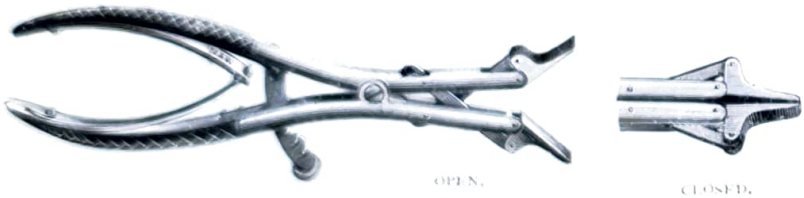


5345



5346

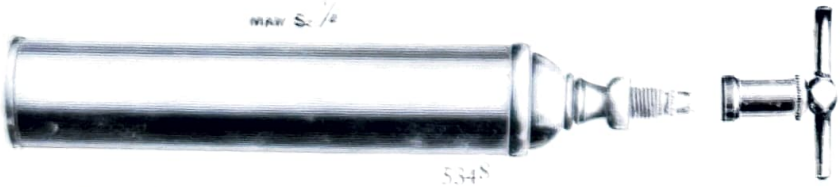
5345	Nickel plated, Hewitt's	0	6	0
5346	Do. screw action	0	11	6



OPEN. CLOSED.

5347

5347	Rack action, with cross action lever jaws	1	7	6



5348

Sprays, Anæsthetic

5348	Chloride of Ethyl, 50 grammes, in metal cylinder, with screw cap	0	3	0

An allowance of 9d. each is made on the tubes returned in good condition.

5349	Scemnoform ... ... per 60 gramme bottle	0	5	0
5350	Do. ... ... ,, 120 ,, ,,	0	10	0
5351	Do. in vials containing 3 of 5 c.c. ... ... per box of 6	0	3	6
5352	Distillation for do. to fit both Nos. 5349 and 5350	0	5	0

Composition of Scemnoform:

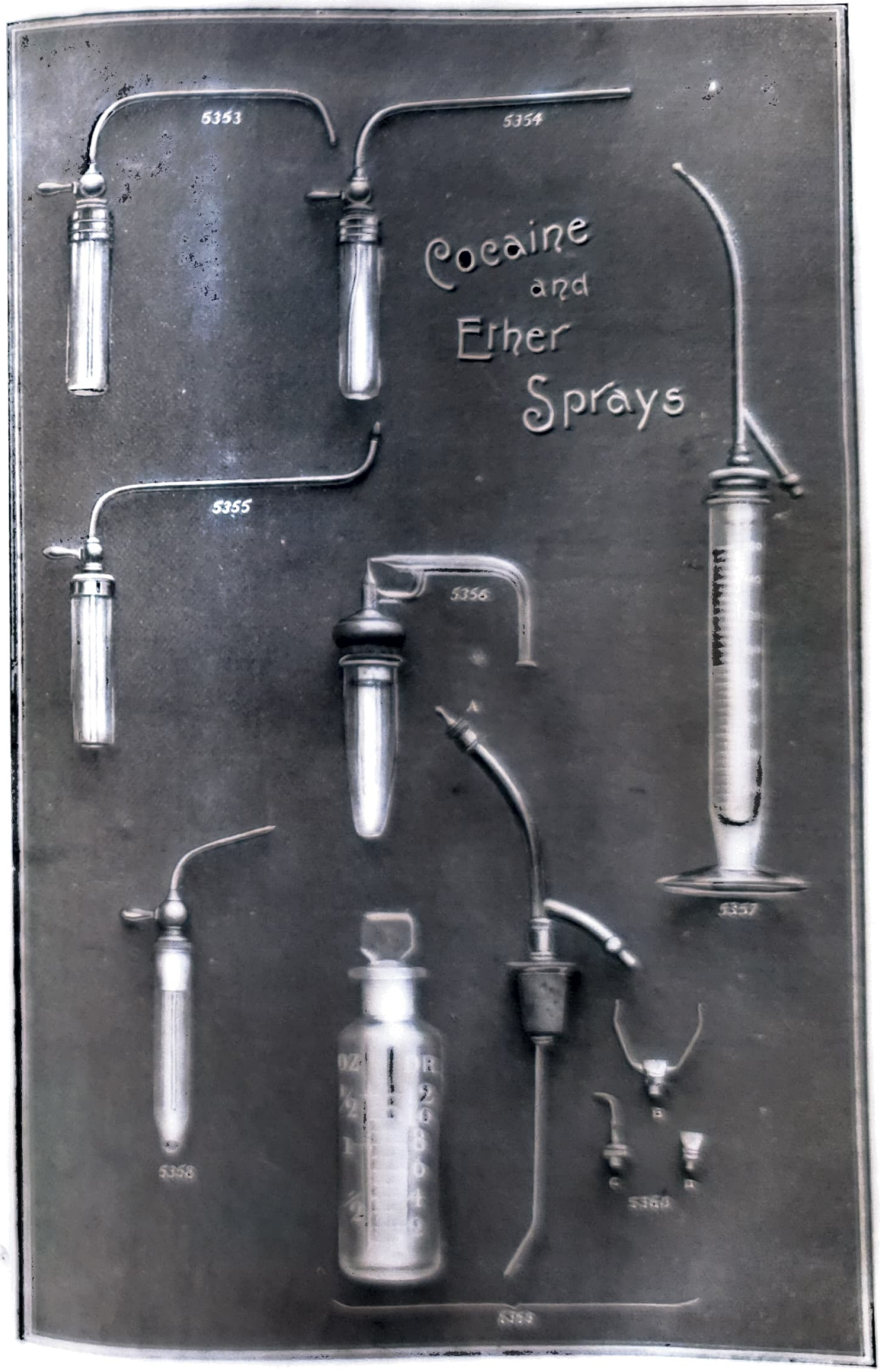
Chloride of Ethyl ... ... 95 per cent.
Methyl ... ... 3 ,,
Bromide of Ethyl ... ... 2 ,,

(For Scemnoform Inhaler, see page 244.)

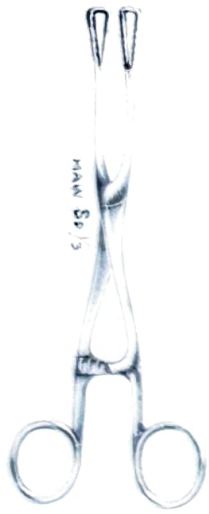
Spray Producers *(for illustration see preceding page.)*

5353	Cocaine Spray Bromnet's, for larynx	0	5	0
5354	Do. do. for pharynx	0	3	0
5355	Do. do. for posterior nares	0	3	0
5356	Do. glass with brass cap and small single bellows ...	0	2	6
5357	Do. nickel plated with graduated tube	0	3	6
5358	Do. nickel plated with conical glass tube ...	0	5	0
5359	Ether Spray, Richardson's, with 4 jets ... complete in box ...	0	7	6
5360	Do. do. 6 do.	0	5	0

To the above No. 53[illegible] Ether is supplied at 1s. per bottle.


5353
5354
Cocaine
and
Ether
Sprays
5355
5356
5357
5358
5360

Anæsthesia Apparatus, etc.—*continued.*



5361



5365

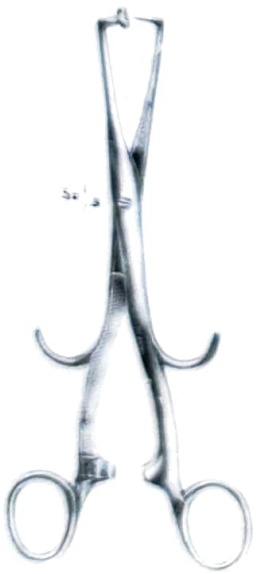


5366

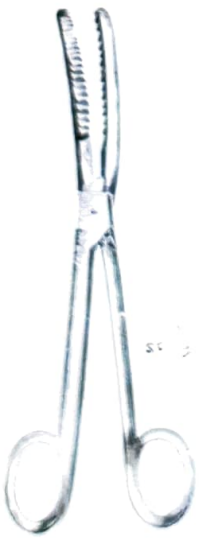
No.	**Tongue Forceps**—	£	s.	d.
5361	Buxton's or Guy's pattern, with serrated blades, disjointing	0	10	0
5362	Do. do. do. with screw joint	0	8	6
5363	Do. do. with smooth blades, disjointing	0	10	0
5364	Do. do. do. with screw joint	0	8	6
5365	Paterson's, with pin blade, as used at the London Lock Hospital	0	11	6
5366	Ring blades, grooved on under surface, disjointing	0	10	0
5367	Do. do. do. with screw joint	0	8	6



5368



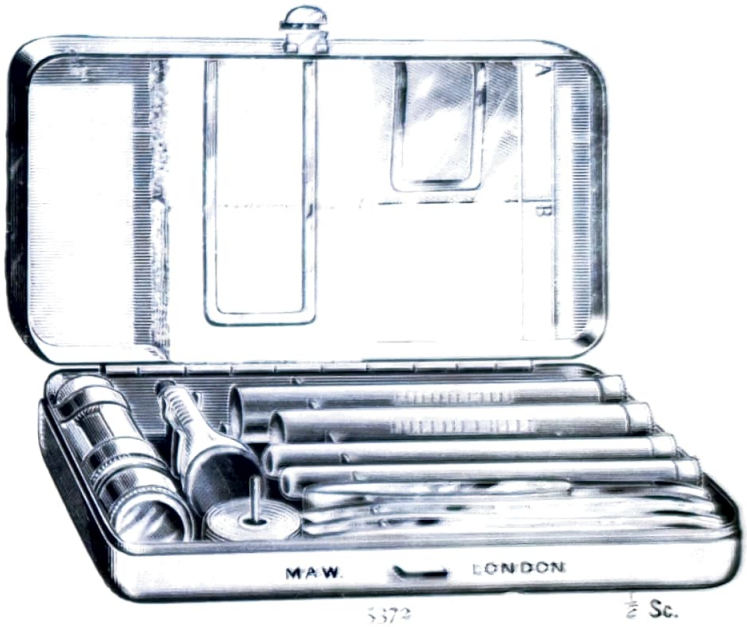
5369



5370

5368	Sutton's Ear under blade, with ring upper blade			
5369	Thumpeder, with pin blade and finger bar			
5370	Woodhouse Braine's serrated dignitting			
5371	**Anæsthetist's Bag**, fit ships as No. 4865, page 161, with provision for gas apparatus, gas cylinders, drop bottle, ether, tongue forceps, gag, 5 rubber bottles, etc., black cowhide	2	5	0

VACCINATION INSTRUMENTS.



5372 $\frac{1}{2}$ Sc.

No.		£ s. d.
5372	**Aseptic Vaccination Set,** for Public Vaccinators, specially prepared to meet the regulations of the Local Government Board, consisting of 3 MAW's aseptic lancets (No. 5378), 2 metal capped tubes for storing vaccine tubes, 2 do. for antiseptic solutions, lymph ejector No. 5382, tube cutter, spirit lamp for sterilising lancets, adhesive plaster, glass slide, ivory tablet, and pads of lint for cleaning lancets, in aseptic metal case	1 4 0
	Soft leather pouch for do.	0 1 9



5373

5373	**Aseptic Vaccination Set,** consisting of 2 MAW's aseptic lancets No. 5378, metal capped tubes for storing vaccine tubes, lymph ejector No. 5382, spirit lamp for sterilising lancets, and tube cutter, in aseptic metal case	0 17 6
5374	**Case Books,** arranged for 500 cases, bound in cloth	each 0 2 0
	Dressings, etc. see page 404	

Vaccination Instruments *continued.*



5375



5376

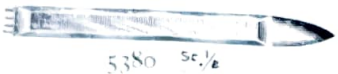


5377

No.		£	s.	d.
	Lancets, Folding			
5375	Double, with metal scales	0	4	3
5376	Grooved do. do.	0	2	6
5377	Plain, single, with metal scales	0	2	0



5378



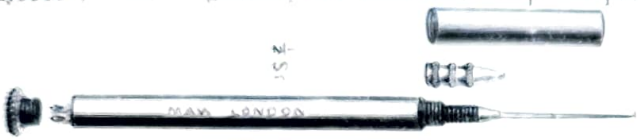
5380

	Lancets, in fixed handles			
5378	MAW'S, aseptic, solid forged	0	2	6
5379	Pull-off leather case for do.	0	0	6
5380	Weir's, all metal	0	3	9
5381	Metal pull-off case for do.	0	1	0



5382

5382	**Lymph Ejector,** MAW'S registered, with india-rubber cap and plug ...	0	1	6



5383

Vaccinators

5383	Bartlett's, all metal, for use with common sewing needles	0	5	0



5384



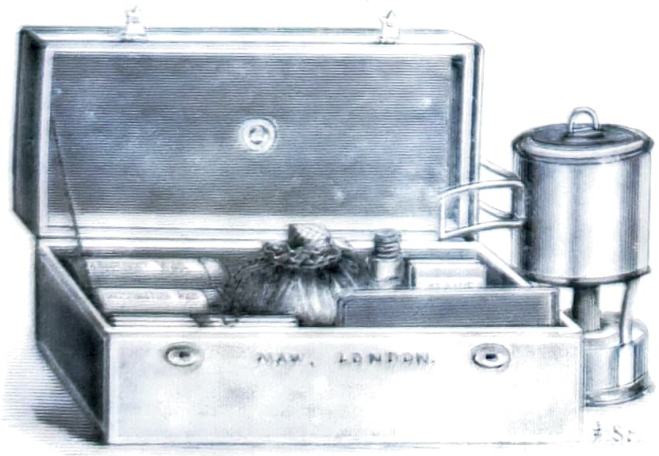
5386

5384	Cooper Rose's, modified, all metal, with screwed-in needles	0	10	0
5385	Do. do. original pattern, with metal handle	0	7	6
5386	Lord's, pencil case form, with screw to regulate the length of the needles ...	0	10	6



5387

5387	Stevens's, with metal handle and cap	0	5	6



5388

5388 **Vaccinator's Companion,** containing [illegible] Vaccinator, consisting of double-edged aseptic lancet, India Bowl case, [illegible] cake of medicated soap, [illegible] for bowl and brush in metal case, tin box containing absorbent wool for cleansing the arm, tin box containing MAW'S registered "Vaccinee" dressing, [illegible] for covering the vesicles, [illegible] case, [illegible] with space for aseptic Vaccinating case ... ...

DERMATOLOGICAL INSTRUMENTS.



OPEN.



CLOSED.

5390

No.	Commedone Extractors or Acne Spuds—	£	s.	d.
5390	Abraham's Forceps-extractor	0	11	0



5391



5392



93

5391	Robinson's	0	3	6
5392	T-shape	0	3	6
5393	Unna's	0	2	6



5394



5395

Curettes, solid forged—

5394	Vidal's, small	0	12	6
5395	Do. large	0	12	6



5396



5397

Depilatory Forceps—

5396	Abraham's	0	5	6
5397	Do.	0	5	6

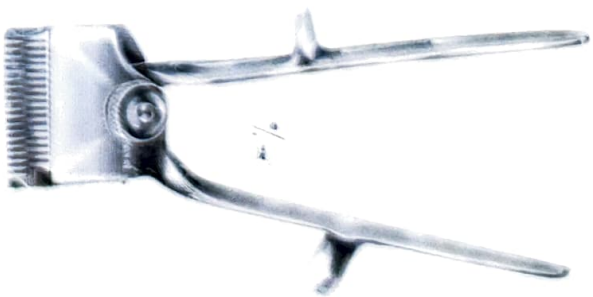


5398



5400

5398	Aldersmith's with curved points	0	3	9
5399	Do. with square ends	0	3	9
5400	Flat ended, fluted	0	3	6

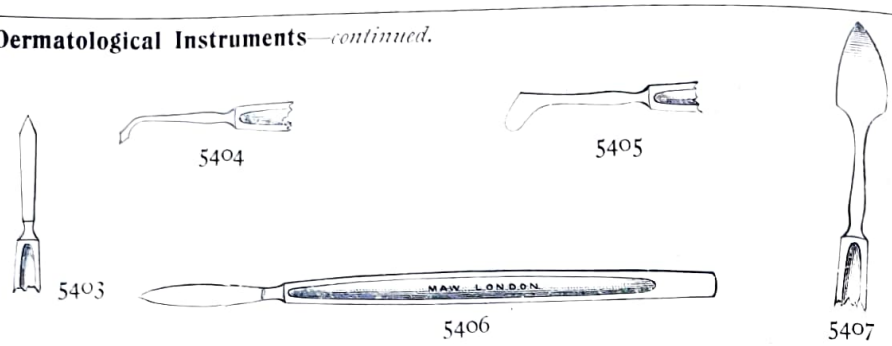


5401

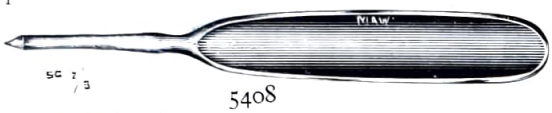
Hair Clippers

5401	London Hospital pattern	0	7	0
5402	Metropolitan Asylums Board pattern for ringworm	0	7	0

Dermatological Instruments—*continued.*



No.	**Lancets, Scalpel, etc.**—	£	*s.*	*d.*
5403	Abraham's Lance	0	5	6
5404	Do. Lupus Lancet	0	5	6
5405	Do. Scab remover	0	5	6
5406	Do. Scalpel, 2 sizes ... ... each	0	5	6
5407	Do. Spatula	0	5	6



5408

5408	Hebra's Lancet, solid forged	0	4	6



5409



5410

Lupus Scoops, solid forged—

5409	Abraham's, double...	0	7	6
5410	Hebra's, angular, 2 sizes ... ... each	0	5	6
5411	Do. straight, 2 sizes... ... ... ,,	0	5	6



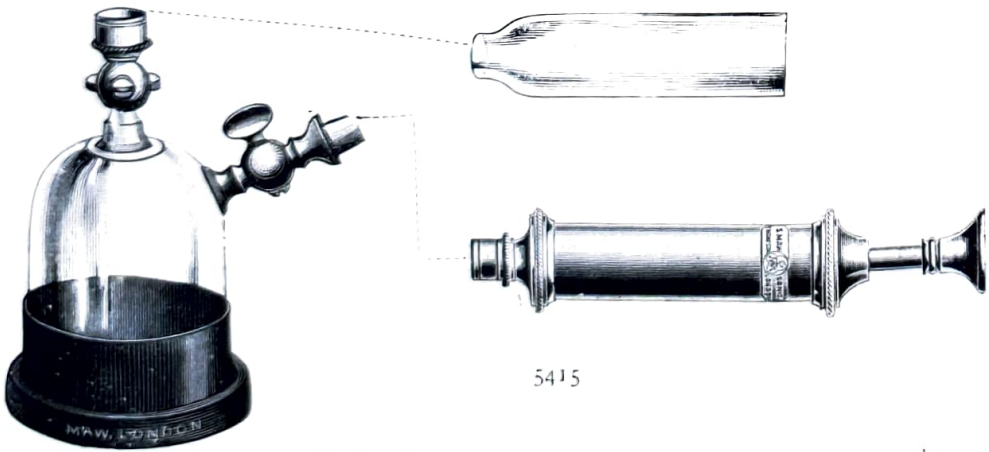
5412

5412	Squire's, 3 sizes ... ... each	0	6	0



5413

5413	Wolff's	0	6	0
5414	**Nævus Cautery,** Wordsworth's, with insulated metal handle (*see page* 16) ...	0	5	9



5415

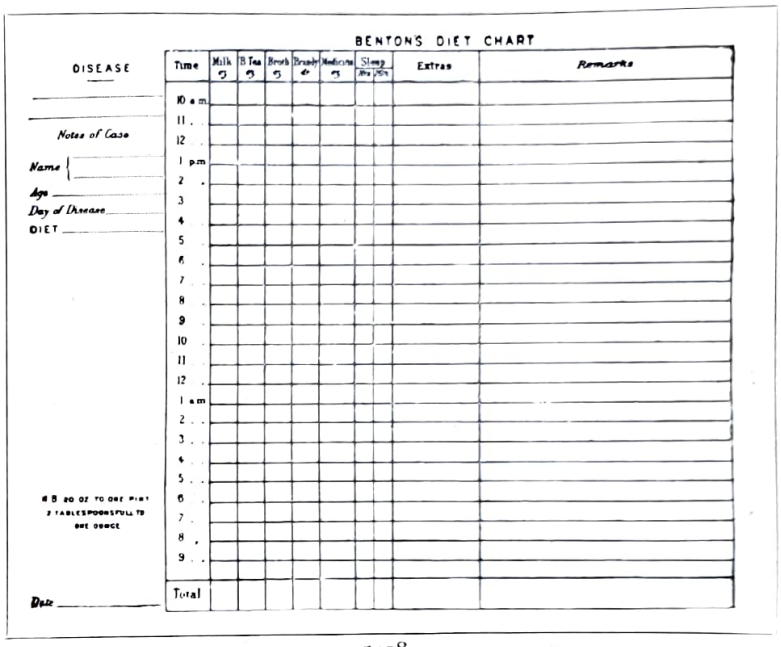
5415	**Pressure Pump,** Abraham's, for the application of creasote, etc., to the scalp under pressure	1	5	0
5416	**Scarifier,** Balmano Squire's	1	12	0



5417

5417	**Volsellum Forceps,** Abraham's	0	10	6

CLINICAL INSTRUMENTS, Etc.

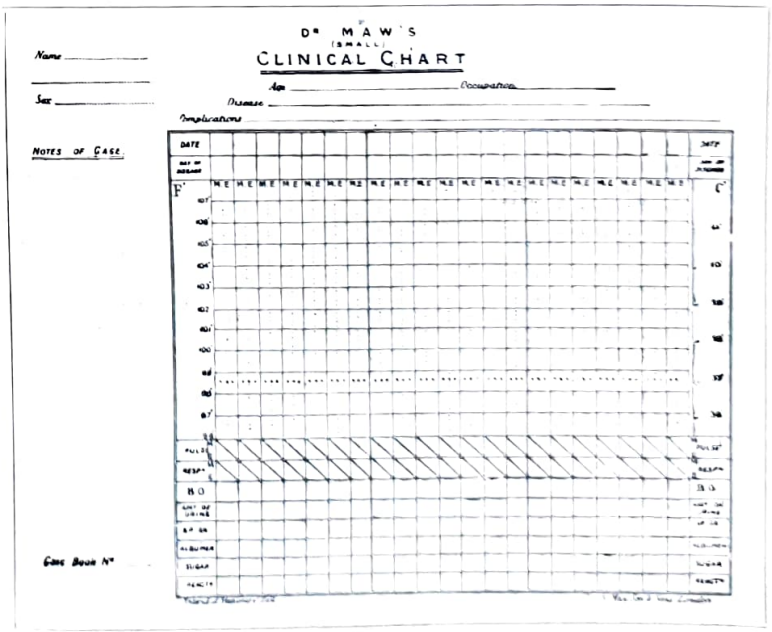


5418

No. **Charts, Diet—** *£ s. d.*

5418 Benton's, to record the amount of nourishment, sleep, etc., taken in 24 hours, per 25, 1/–; 50, 1/9; 100, 3/–; 250, 7/–; 500, 13/–; 1,000 1 4 0

Size 10¼ by 8 in.

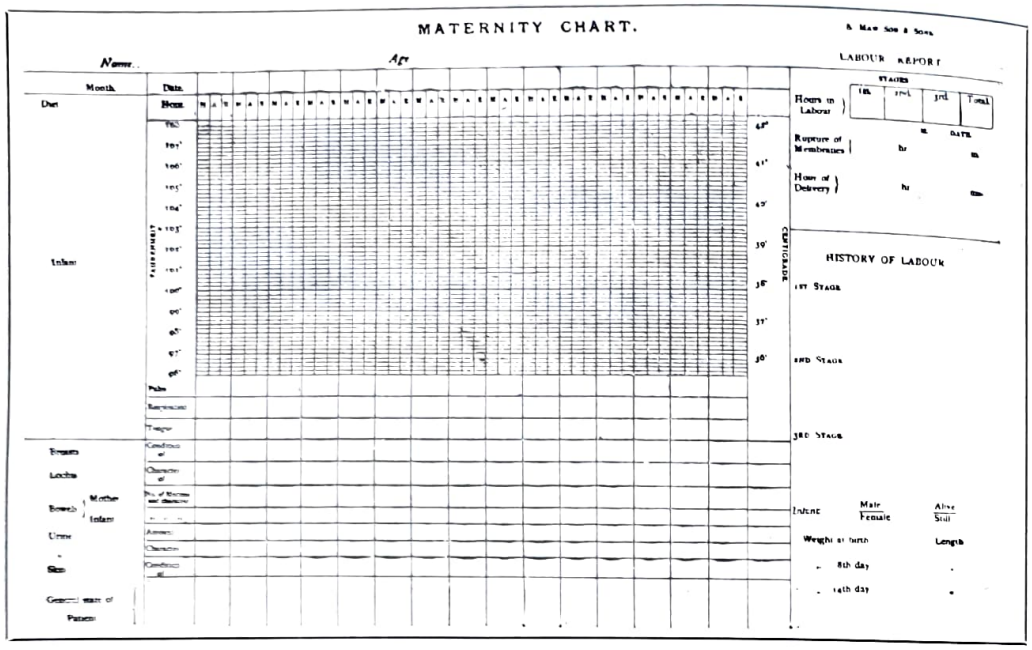


5419

Charts, Temperature—

		per 25	50	100	250	500	1,000
5419	Dr. MAW's, 10¼ by 8 in. ...	– 9	1 3	2 –	4 9	8 6	16/–
5420	Do. four hourly ...	– 9	1 3	2 –	4 9	8 6	16/–
5421	Gould's	1 –	1 9	3/–	7/–	13/–	24/–
5422	Do. four hourly	1 –	1 9	3/–	7/–	13/–	24/–
5423	Dr. MAW's in books of twelve					per doz. books	0 5 0

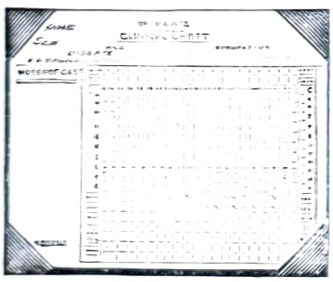
Clinical Instruments, etc.—*continued.*



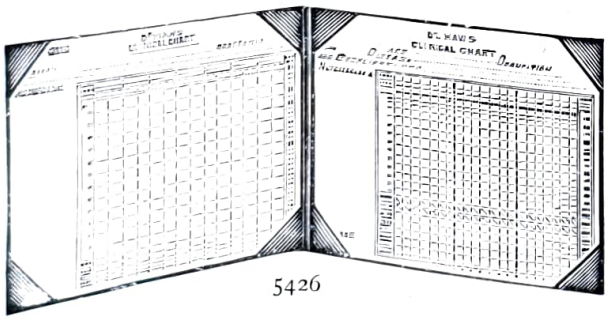
5424

No.

5424 **Charts, Maternity,** with spaces for recording the different stages of labour, temperature, etc., size, 13 by 8 in. ... per 25, 1/6; 50, 2/9; 100, 5/–; 250, 11/6; 500, 22/– ; 1,000 — £ 2 1 0



5425

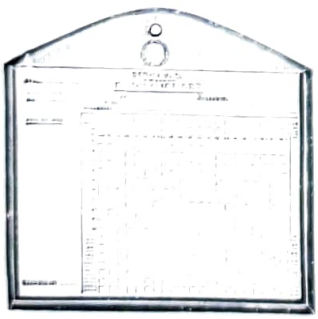


5426

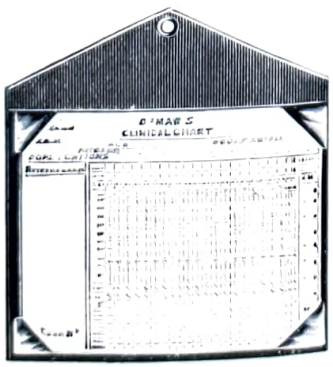
Chart Holders—

5425 Card, with leather corners, single, 10¼ by 8, in. per doz. ... ... — 0 6 0

5426 Do. do. double, folding, 10¼ by 8 in., per doz. ... ... — 0 12 0



5427



5428

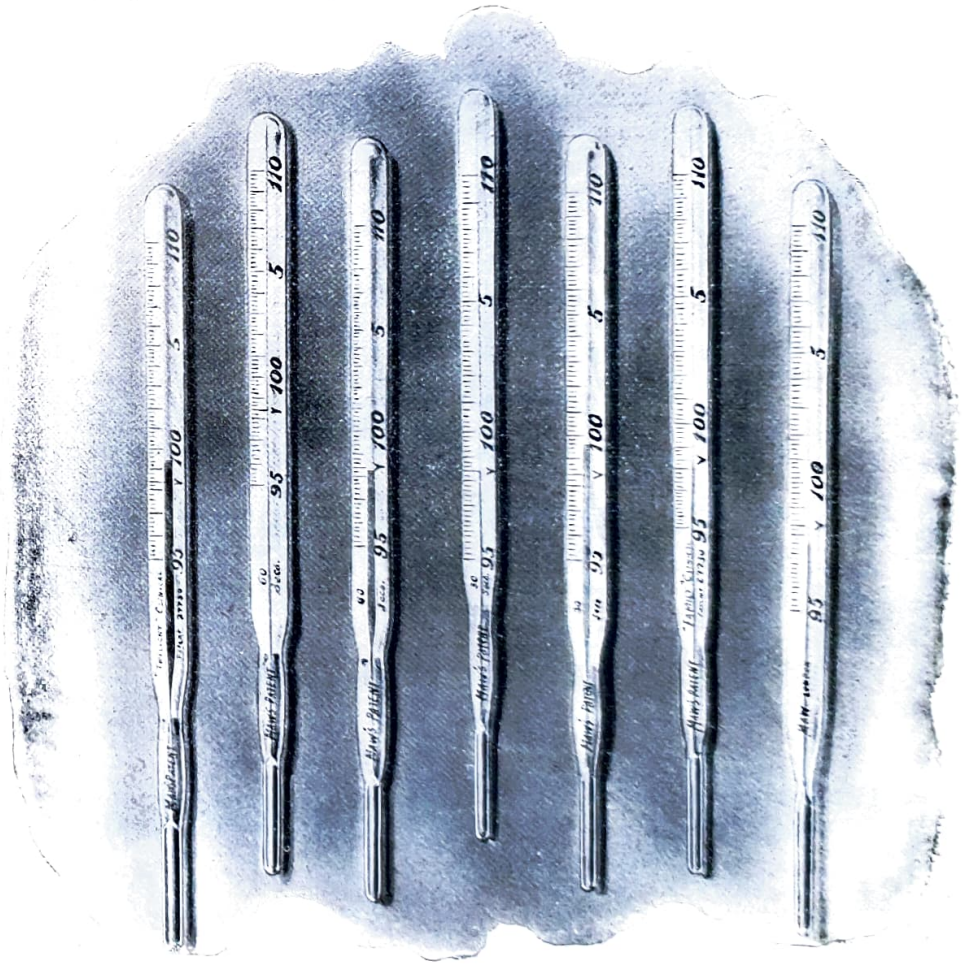
5427 Japanned tin, with grooved edges, 10¼ by 8 in. ... ... per doz — 0 18 0

5428 Leatherette and Card, with metal corners, 10¼ by 8 in. ... ... ,, — 0 14 0

Clinical Instruments, etc.—*continued.*

Clinical Diagrams, printed on gummed paper—

No.		per 25.	50.	100.
5429	Body, with nerve regions, front and back	2/0	3/6	6/0
5430	Do. plain outline, small	1/0	2/0	3/6
5431	Brain, external surfaces, 6 diagrams	2/3	4/0	7/6
5432	Do. vertical sections, 7 do.	2/3	4/0	7/6
5433	Do. horizontal do. 6 do.	2/3	4/0	7/6
5434	Eye, 2 diagrams	1/0	1/9	3/0
5435	Head, with nerve regions, 2 side views	1/0	1/9	3/0
5436	Larynx, 4 diagrams	1/0	1/9	3/0
5437	Obstetric and Gynæcological, 4 diagrams	2/0	3/6	6/0
5438	Thorax and Abdomen, showing viscera, front and back	1/0	1/9	3/0
5439	Do. do. plain outline, front and back	1/0	2/0	3/6



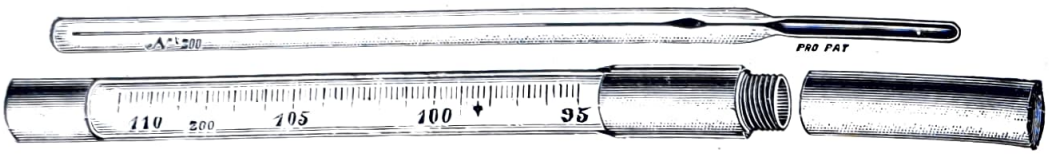
5440 5443 5444 5445 5446 5447 5448

Clinical Thermometers, in nickel plated cases—

		£	s.	d.
5440	MAW'S patent, "Twilight," with magnifying column	0	1	8
5441	Do. 2–3 minute	0	1	4
5442	Do. do. magnifying	0	1	8
5443	Do. 60-seconds	0	1	10
5444	Do. do. magnifying	0	2	7
5445	Do. 30-seconds	0	2	1
5446	Do. do. magnifying	0	3	8
5447	Do. "Family" 2–3 minute	0	1	4
5448	Ordinary pattern, non-patent, 2–3 minute	0	1	3

Clinical Instruments, etc.—*continued.*

No.	**Clinical Thermometers**—*continued.*	£ s. d.
5448*a*	MAW's Patent "Hospital," without cases, in 3-doz. quantities, per doz.: 30-seconds, 23/–; 60-seconds, 20/–; 3-minute	0 14 6
5448*b*	Do. do. do. in 6-doz. quantities, per doz., 30-seconds, 22/–; 60-seconds, 19/6; 3-minute	0 13 6
5448*c*	Do. do. do. in 12-doz. quantities, per doz., 30-seconds, 21/–; 60-seconds, 18/6; 3-minute	0 12 6



5449

Clinical Thermometers, with patent "Saefinuse" improvement—

5449	MAW's patent 2-3 minute...	...	...	...	...	...	...	...	0	1	10
5450	Do. do. do. magnifying	...	...	...	...	...	...	...	0	2	2
5451	Do. do. 60-seconds	...	...	...	...	...	...	...	0	2	4
5452	Do. do. do. magnifying	...	...	...	...	...	...	...	0	3	1
5453	Do. do. 30-seconds	...	...	...	...	...	...	...	0	2	7
5454	Do. do. do. magnifying	...	...	...	...	...	...	...	0	4	2

The "Saefinuse" Thermometer has been devised with a view to supplying an instrument which can be readily cleansed. The thermometer itself is perfectly smooth, having no markings whatever upon its surface. The scale is etched upon a separate glass cylinder, closed at one end, into which the thermometer is placed after use, so that the temperature may be read. The accuracy of the scale is guaranteed.

N.B.—Every Clinical Thermometer manufactured by S. MAW, SON & SONS is guaranteed to register correctly both as regards time and temperature. A certificate of accuracy, signed by the firm, can be supplied at 6d. each, or a Kew certificate at 1/6.

Breakages.—Every precaution is taken in packing Clinical Thermometers, but, owing to the fragile nature of their construction, the firm decline to take the responsibility of their safe transit, either by post or any other means of conveyance; they are sent out entirely at the purchaser's risk.

Unpacking.—Clinical Thermometers (for the home trade) are always removed rom their case before packing, and it is necessary to remember this fact when unpacking them. The cases will be found just beneath the bran at the top of the box, and the thermometer embedded in the bran in the centre of the box.



5455

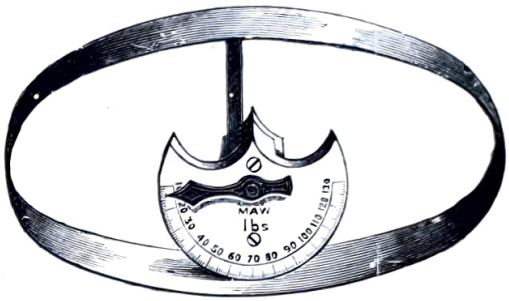
5455	**Cyrtometer,** Gee's, pliable metal, covered with elastic gum	...	...	...					0	5	6
5456	Do. tape ...	...	...	...	...	...	...	...	0	2	0



5457

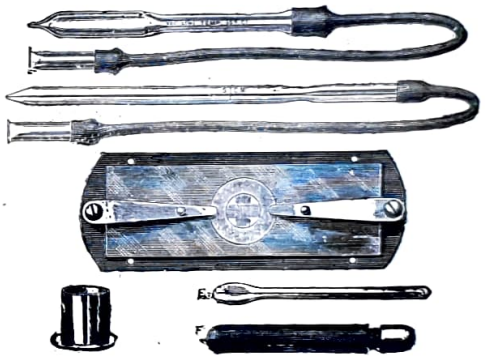
5457	**Dermatograph Pencils,** for marking the skin, 4½ in., with point protector, per doz.				0	4 0
5458	Do. do. 6 assorted colours in box, with point protector, per box				0	2 0

Clinical Instruments, etc.—*continued.*



5459

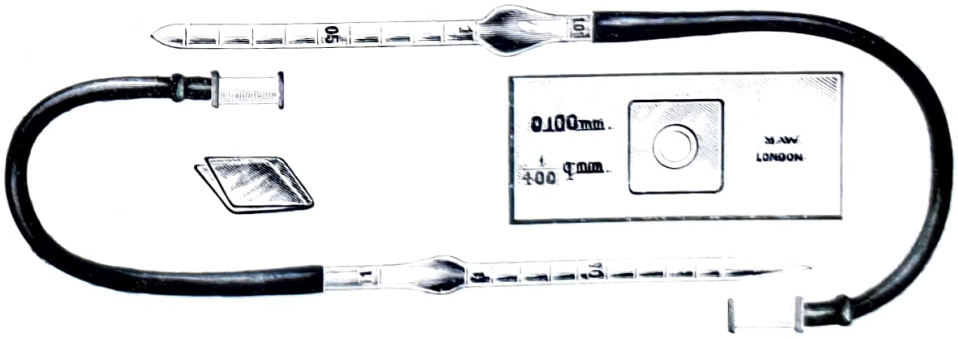
No.		£	*s.*	*d.*
5459	**Dynamometer,** with graduated scale for testing the grasp of the hand, 25/–; and	2	2	0
5460	**Diagram Stamps,** india-rubber, for front and back of thorax, complete in box with ink and pad ... ... per pair	0	8	6



5461

Hæmocytometers—

5461	Gower's, with pipette, capillary tube, counting chamber, lancet, etc., in case	3	3	0

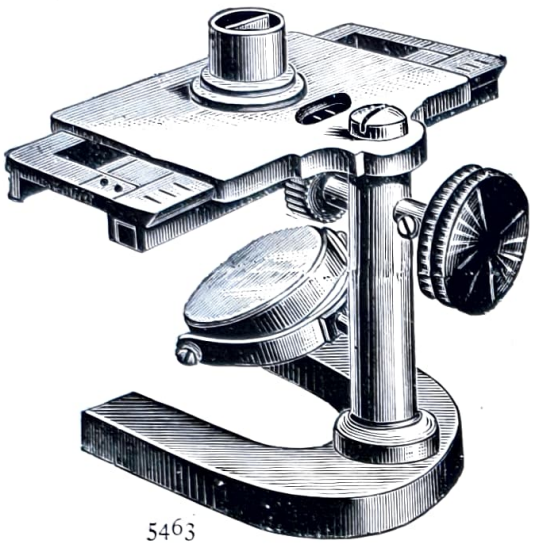


5462

5462	Thoma's, with mixing pipette for red corpuscles, 30/–; or with pipette for white corpuscles, 30/–; or with both pipettes	1	16	0

The counting chamber in Thoma's instrument has a cell with a uniform depth of 0·1 m/m; the bottom of the cell is ruled into 400 squares, each having an area of $\frac{1}{400}$ of a square millimeter, so that the cubic contents of any fluid resting on the squares is exactly $\frac{1}{4000}$ part of a cubic millimeter.

Clinical Instruments, etc.—*continued.*

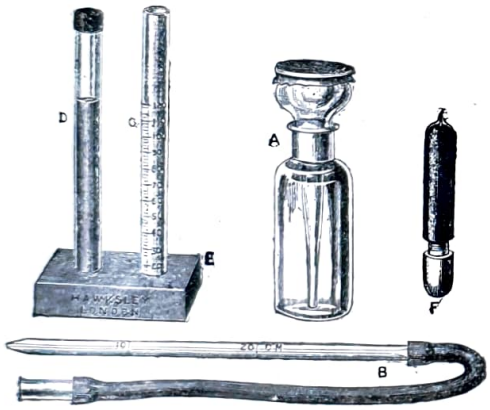


5463

No. **Hæmoglobinometers—** £ s. d.

5463 Fleischl's, on brass stand, complete in leather case 3 10 0

With Fleischl's instrument the amount of hæmoglobin is gauged by comparing the diluted blood with a tinted glass wedge, which is mounted on a metal frame with a percentage scale engraved upon it, and is made to pass beneath the same aperture in which the cell containing the diluted blood is placed.



5464

5464 Gowers's, with capillary pipette for measuring the blood, complete in case ... 1 1 0

5465 Sahli's do. do. 0 15 0



5466



5468

Laryngoscopes—

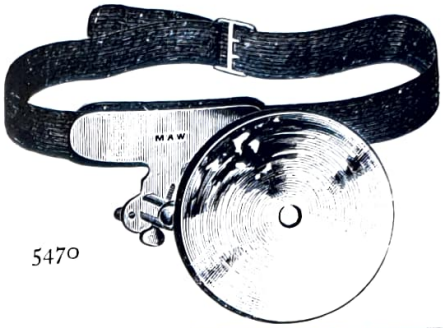
5466 Lennox Browne's, with spectacle frame, 3 laryngeal mirrors and adjustable metal handle, in leather case 1 15 0

5467 Do. do. in aseptic metal case 2 5 0

5468 Mackenzie's, with spectacle frame, 3 laryngeal mirrors and handle, in leather case 1 15 0

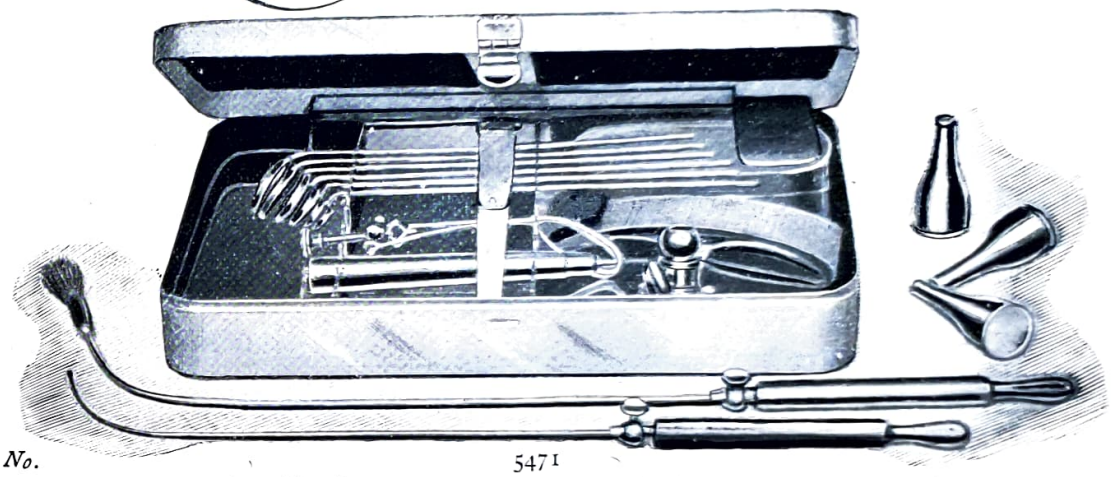
5469 Do. do. in aseptic metal case 2 5 0

Clinical Instruments, etc.—*continued.*



5470

No.	**Laryngoscopes,** *continued*—	£ s. d.
5470	Marconi's (Vienna pattern), with head band, 6 laryngeal mirrors, 3 throat brushes, probe, and metal handle, in leather case	1 15 0
	The above set can be supplied with the addition of 3 ear specula, if required, at an extra charge of 6/–	

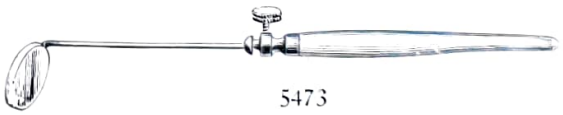


5471

No.		
5471	Marconi's, with 6 laryngeal mirrors, 3 throat brushes, probe, sponge holder, and 2 handles, Frankel's nasal speculum, 3 ear specula, and screw handle for attaching to large mirror, for ear examinations, complete in aseptic metal case	2 5 0



5472



5473



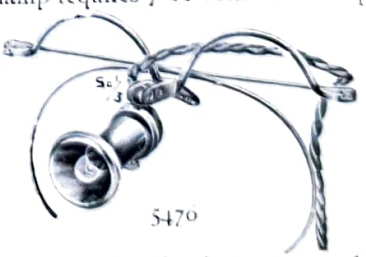
ACTUAL SIZES.

5472	**Laryngeal Mirrors,** in fixed metal handles, 6 sizes ... ... each	0 3 0
5473	Do. do. in screw metal handles, 6 sizes ... ... ,,	0 3 6
5474	Do. do. without handles, 6 sizes ... ... ,,	0 2 0



5475

5475	**Laryngeal Mirror,** with electric lamp attached, complete with cords and spare lamp, in leather case ... ... This lamp requires 7-11 volts and 1 ampère.	1 14 0

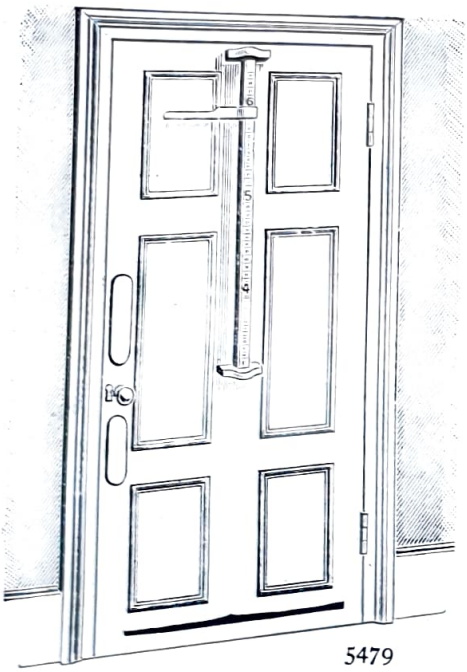


5470

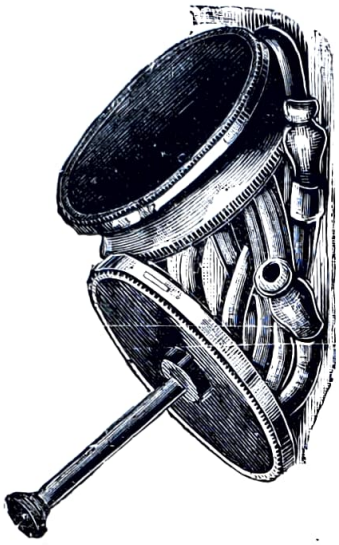
This lamp requires 6 volts and 1 ampère.

5476	**Laryngeal Lamp,** Isaac's, parabolic, fitted to spectacle frame	1 10 0
5477	Do. do. with head band	1 10 0
5478	Spare lamps for do. ... ... each	0 2 6

Clinical Instruments, etc.—*continued.*

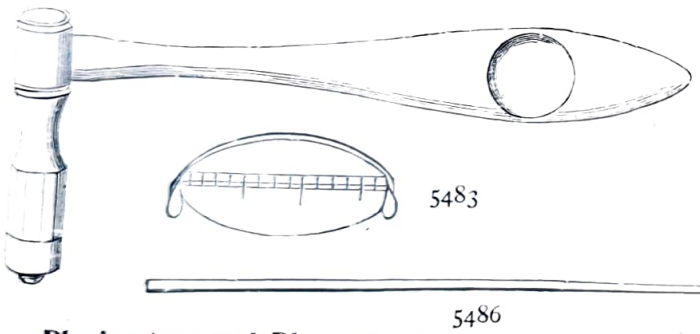


5479



5482

No.		£	*s.*	*d.*
5479	**Measuring Standard,** for height, for fixing to consulting room door or wall	0	10	6
	Measuring Tapes—			
5480	Linen, in plated case, with spring, best quality ... 6 ft., 2/10; 3 ft.	0	2	0
5481	Steel, do. do. best quality ... ... 6 ft., 4/0; 3 ft.	0	3	0
	The above measures are marked on one side in inches, and on the other in centimeters.			
5482	**Phonendoscope,** in soft pouch, with catch fastening	0	18	0



5483

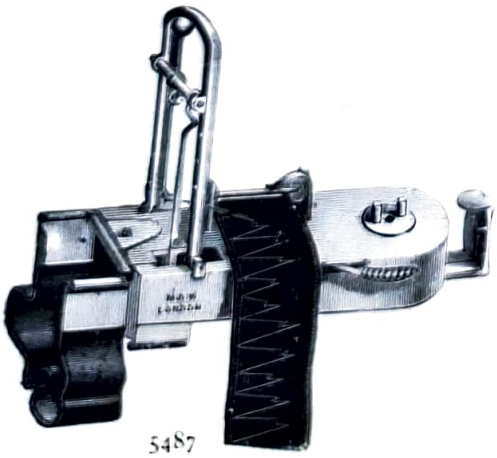
5486



5485

Pleximeters and Plessers, etc.—

5483	Bennet's, ivory, with hammer, in case, complete	0	9	6
5484	Ewart's, vulcanite, as No. 5485, but with rounded angles	0	2	0
5485	Sansom's, vulcanite, with square angles...	0	2	0
5486	Vernon's, hammer, with flexible whalebone stem and india-rubber ring ...	0	3	6



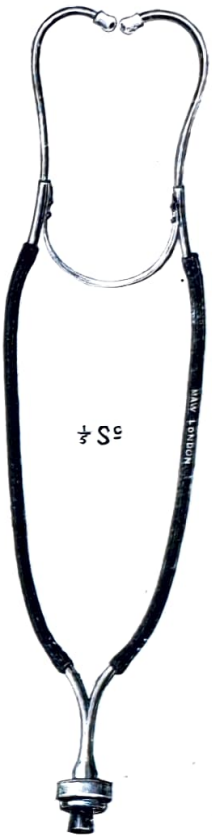
5487

No.				
5487	**Sphygmograph** (patent), a modification of Dudgeon's, the smallest and most accurate instrument of its kind obtainable; the bridge can be folded down on to the body of the instrument and the whole apparatus can be packed away in a space measuring 3 in. by 1½ in. by 1 in., complete in leather case	2	10	0
5488	Flat case, to hold a supply of smoked papers for the above...	0	2	3

Clinical Instruments, etc.—*continued.*



5489

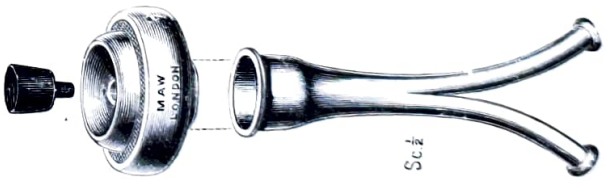


5490



5491

No.		*£*	*s.*	*d.*
5489	**Stethonoscope** (patent), fitted with arabesque rubber tubes and vulcanite ear pieces	0	8	6
5490	Do. do. fitted to ordinary binaural stethoscope	0	12	6
5491	Do. do. fitted to Sir Andrew Clarke's single tube stethoscope	0	9	6



5492

5492 **Stethonoscope** (patent), chest piece and junction tubes only, in leather case 0 9 6

The stethonoscope is an improved instrument for auscultation, by means of which obscure heart murmurs and râles can be easily detected. It is constructed upon the same principle as the microphone, and will be found a great addition to the ordinary forms of binaural stethoscopes, inasmuch as it enables the user to auscultate through the clothes without having to compel the patient to undress. It does not easily get out of order, and being made of aluminium, is exceeding light.

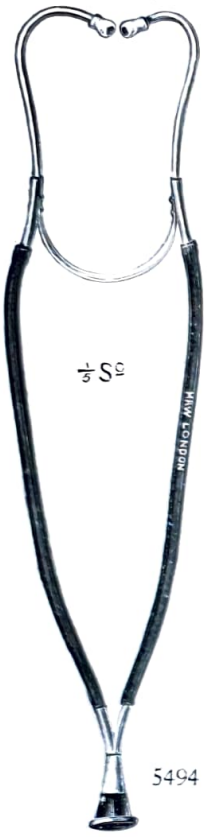


5493

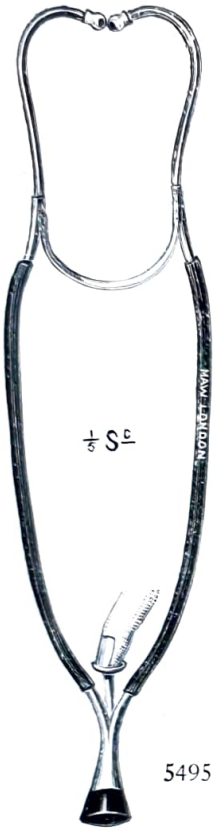
Stethoscopes—

5493 Sir Andrew Clarke's, with single india-rubber tube and ear-piece .. 0 3 6

Clinical Instruments, etc.—*continued.*



5494



5495



5496

No.	**Stethoscopes, Binaural—**	£	*s.*	*d.*
5494	"Clinical," with ebony chest piece	0	5	9
5495	Do. with ebony chest piece and finger rest	0	8	6
5496	Do. with ivory chest piece and finger rest	0	10	6



5497



5498



5499

Clinical Instruments, etc.—*continued.*

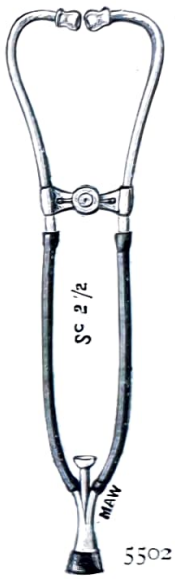
No.	**Stethoscopes, Binaural**—*continued.*	£	*s.*	*d*
5497	"Clinical," with Wood's ivory chest piece, for auscultation in the recumbent position	0	9	0
5498	Do. with Wethered's ivory chest piece	0	9	0
5499	Folding, Sansom's, with reversible chest piece, convenient for carrying in the pocket	0	8	6
	Leather pouch for do.	0	1	6



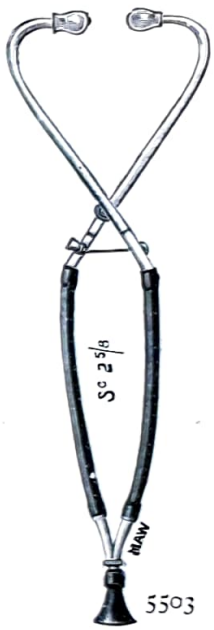
5500



5501

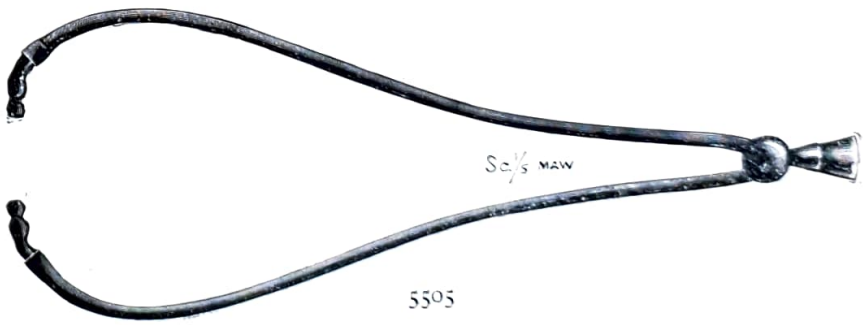


5502



5503

5500	Hinged pattern, with elastic accumulator, Barker's	0	15	0
5501	Do. do. with mohair tubes, Leared's	0	14	0
5502	Lever clamp, with ebony chest piece and finger rest	0	16	0
5503	Spencer's, with elastic spring, to take apart for carrying in the pocket ...	0	11	6
5504	Sterne's, with plain rubber tubes and vulcanite ear pieces	0	3	6



5505

5505	Hollis's, india-rubber	0	7	0
5506	Wynter's, with continuous metal tube	0	7	0



5507



5508



5509

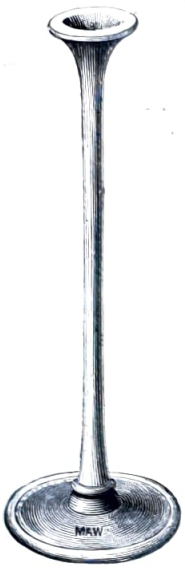
Chest Pieces, for Binaural Stethoscopes—

5507	Charsley's, ivory and metal	0	5	0
5508	Wethered's ... ... ebony, 3/6; ivory	0	4	6
5509	Wood's, ivory and metal	0	4	6

Clinical Instruments, etc.—*continued.*



5510

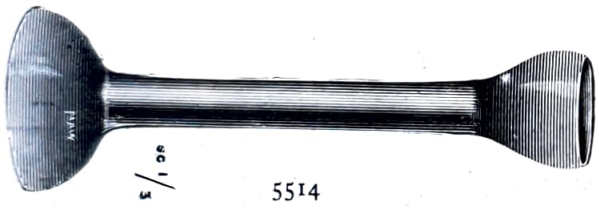


5511



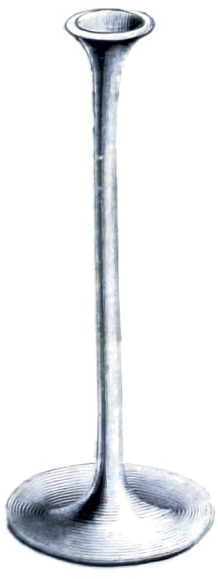
5513

No.	**Stethoscopes, Single**—	*£*	*s.*	*d.*
5510	Biss's, vulcanite, with interchangeable ear plate	0	3	0
5511	Burrow's, ebony, with screw-off ebony ear plate	0	2	6
5512	Do. do. with screw-off ivory ear plate	0	4	0
5513	Duckworth's, cedar, turned in one piece	0	2	6



5514

5514	Farncombe's, cedar	0	2	6



5515



5516



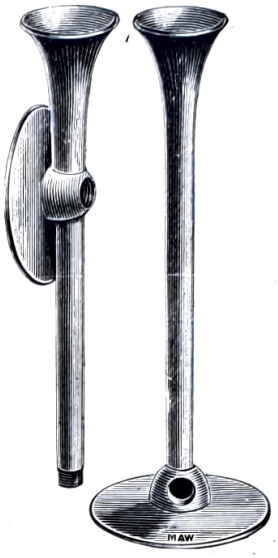
5517



5518

5515	Fergusson's... ... ... cedar or walnut, 2/6; pine	0	2	0
5516	Nickel plated, with hinged vulcanite ear plate	0	2	6
5517	Do. with screw-off vulcanite ear plate	0	2	6
5518	Do. "Tambour" pattern, with diaphragmatic chest piece and detachable ear plate	0	5	0

Clinical Instruments, etc.—*continued.*



5519

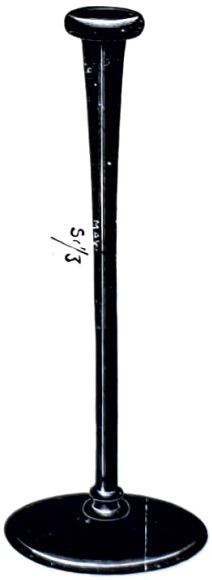


5520



5521

No.	**Stethoscopes, Single**—*continued.*	£	s.	d
5519	Portable, cedar or satinwood	0	2	6
5520	Stokes's, with conical ear plate...	0	2	6
5521	Do. cedar, with flat ebony ear plate and india-rubber ring	0	2	6



5522

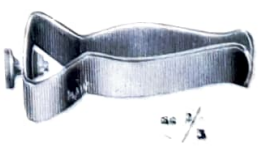


5524



5525

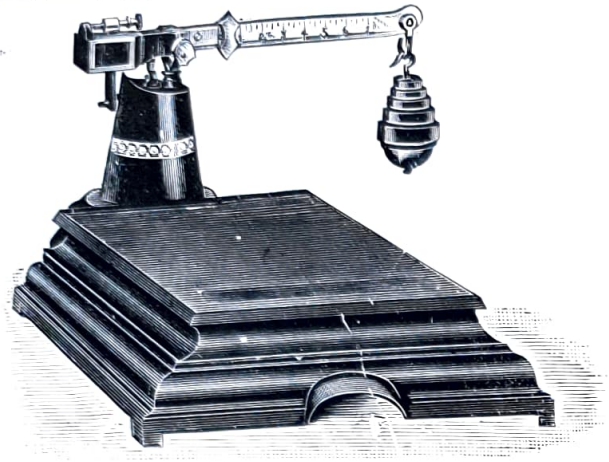
5522	Vulcanite, with screw-off ear plate	0	2	6
5523	Do. to unscrew in centre...	0	2	6
5524	Walsh's, with solid stem...	0	2	6
5525	Do. hollow, with vulcanite ear plate	0	3	0



5526

5526	**Stethoscope Clip,** for holding a stethoscope inside a hat	0	1	6
5527	**Stethoscope Cushion,** india-rubber, for fitting over the end of a chest piece	0	1	0

Clinical Instruments, etc.—*continued.*

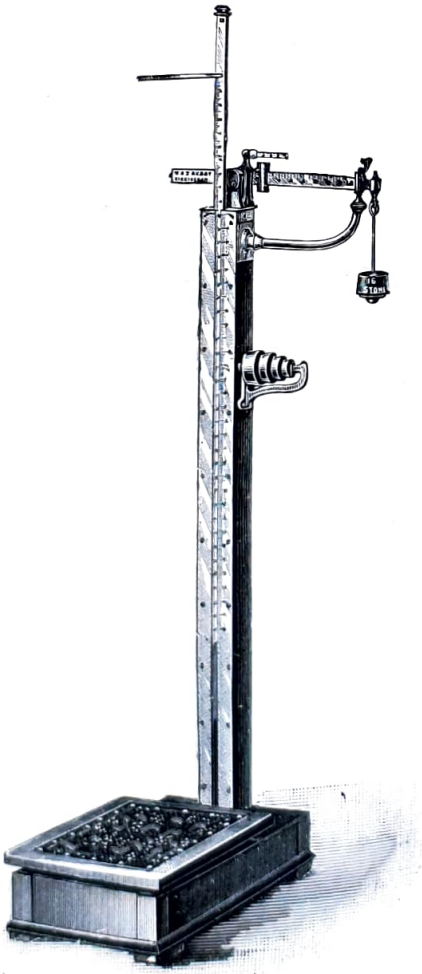


5528

No.	**Weighing Machines**—	£	*s.*	*d.*
5528	Personal weighing machine, to weigh up to 24 stone dimensions of base, 14 in. by 11 in.	1	5	0
5529	Wood stand for do. to raise the machine 20 in. from ground	0	7	6



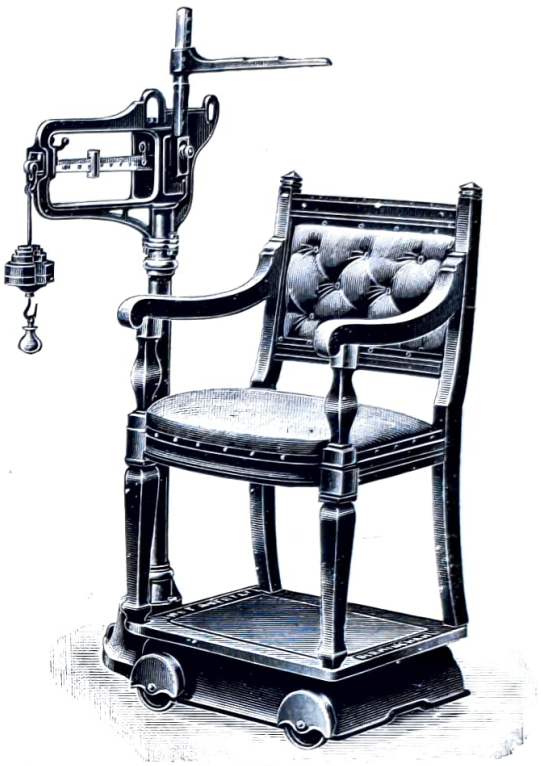
5530



5532

5530	Personal weighing machine, with upright pillar neatly japanned and ornamented, and brass index, to weigh up to 24 stone	2	0	0
5531	Do. do. as No. 5530, but with all steel bearings	2	15	0
	Dimensions of platform, 14 in. by 11 in. Height of pillar, 36 in.			
5532	Personal weighing machine, to weigh up to 32 stone, with polished oak base, carpeted platform, nickel plated steelyard, counterbalance and weights, fitted with sliding boxwood standard for measuring the height up to 7 ft.	9	0	0

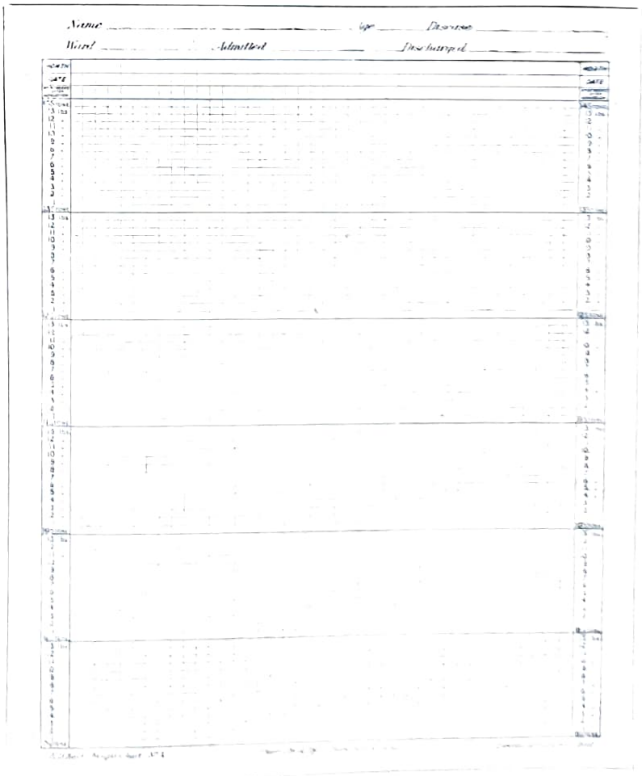
Clinical Instruments, etc.—*continued.*



5533

No.	**Weighing Machines**—*continued.*	£	s.	d.
5533	Personal weighing machine, with chair and measuring standard	8	10	0
5534	Do. do. as No. 5533, but without measuring standard ...	7	10	0

Nos. 5533 and 5534 can be supplied without the chair at a reduction of 65/-.



5535

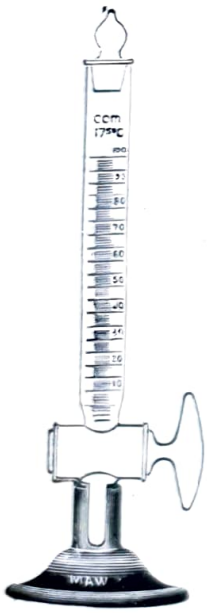
5535	**Weight Charts,** Kelt's, No. 1, from 1 lb. to 3 stone; No. 2, from 3 stone to 9 stone; No. 3, from 8 stone to 14 stone; per 25, 1/-; 50, 1/9; 100, 3/-; 250, 6/-; 500, 10/-; 1,000	0	18	0

URINE TESTING APPARATUS.



5536

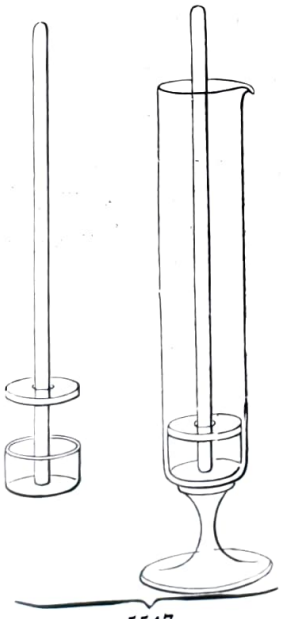
No.		£	*s.*	*d.*
	Albuminometers—			
5536	Esbach's, with stand	0	1	0
	DIRECTIONS FOR USE.—Pour urine into the tube up to the mark U, and add the reagent up to R; now close the tube with the thumb and invert it several times so as to mix the fluid without shaking. Allow the tube to stand for 24 hours, then read off on the scale the height of the coagulum. The figures indicate the parts per 1,000 of dried albumen in the urine, which, divided by 10, will give the percentage. When the albumen is very abundant the urine should be diluted with an equal quantity of water and the result multiplied by two. If the urine is alkaline it must be first acidified with acetic acid. The reagent employed is a solution of picric acid containing 10 grammes to the litre with 20 grammes of citric acid.			
5537	Hayward's	0	1	6
	Centrifugal Machines *(see page 285).*			
5538	**Litmus Paper,** red or blue, in boxes containing 12 books ... ...per doz. boxes	0	10	6



5539



5546



5547

5539	**Purinometer,** Hall's, for the clinical estimation of urinary purins	1	12	6
	Working instructions supplied with each apparatus.			
	Reagents, etc.—	0	0	9
5540	"Soloid" brand (B. W. & Co.), for Fehling's test, per carton containing 24	0	0	6
5541	Do. do. for albumen (potassium ferrocyanide gr. i), per tube of 20...	0	0	6
5542	"Soloid" brand (B. W. & Co.), picric acid, gr. i. ... ...per tube of 20	0	6	0
5543	Bromine Capsules ... ... per doz.	0	1	6
5544	Pavy's Pellets, for sugar or albumen, in bottles of 12 ... ... per bottle	0	1	0
5545	Sodium Hypobromite, in 1 oz. stoppered bottles ... ... ,,	0	5	6
5546	**Saccharometer,** Gan's, with flask and accessories complete in slide cedar box	0	6	0
5547	**Sediment Collector,** Dobell's			



5548

5548	**Specific Gravity Beads,** set of 4 in tube ... ... per set	0	5	3

Urine Testing Apparatus—*continued.*



5549

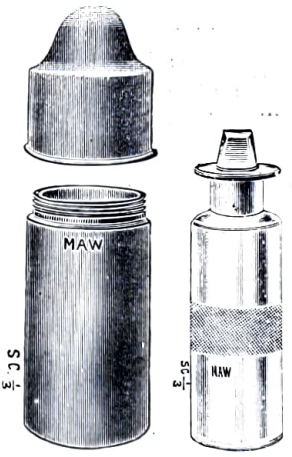


5552



5553

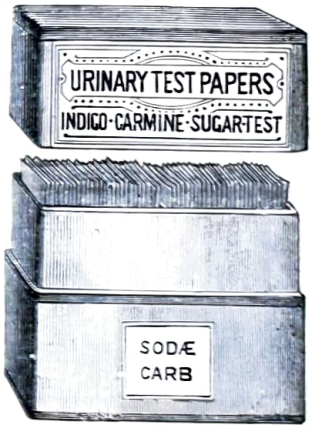
No.		*£*	*s.*	*d.*
	Specimen Glasses—			
5549	Conical, on foot, 6 oz. capacity... ... ... per doz.	0	7	6
5550	Do. do. with half ground foot for writing the patient's name ,,	0	10	6
5551	Glass Covers for Specimen Glasses Nos. 5549 and 5550 ... ,,	0	6	6
5552	Cylindrical, with conical bottom, 6½ in. by 1½ in. ... ... ,,	0	6	6
5553	Do. on foot, 4 oz. capacity ... ... ,,	0	7	6



5554

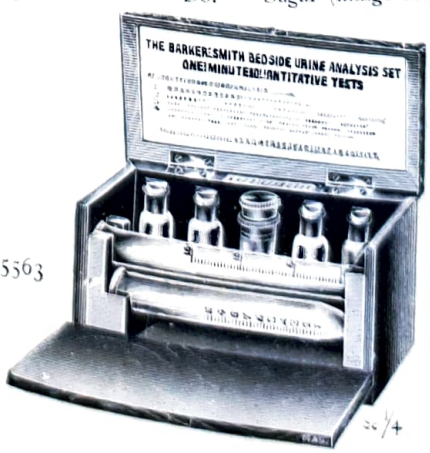


5557

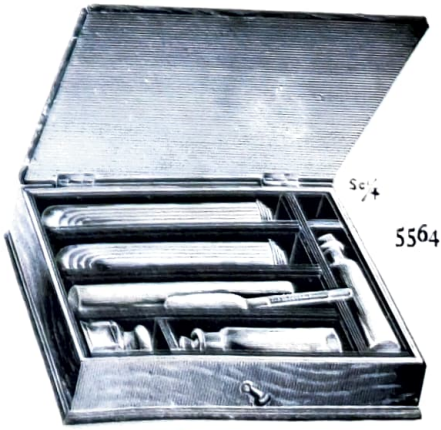


5562

5554	**Specimen Bottle,** portable, with ground label, in boxwood case	0	1	6
5555	**Spirit Lamp,** glass, 2 oz. with screw brass burner	0	1	4
5556	**Stirring Rods,** glass, 8 in. ... ... per doz.	0	3	0
	Test Apparatus and Papers, Oliver's—			
5557	Graduated Pipette, Test Tube and Clip for holding test papers	0	3	2
5558	Test Papers, Albumen (potassium ferrocyanide) ... ... per box	0	1	0
5559	Do. do. (potassio-mercuric iodide) ... ... ,,	0	1	0
5560	Do. Alkaline Litmus ... ... ,,	0	1	0
5561	Do. Peptone Bile ... ... ,,	0	1	0
5562	Do. Sugar (indigo-carmine) ... ... ,,	0	1	0



5563



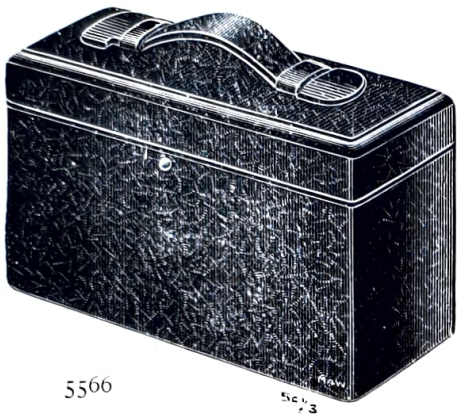
5564

Urine Testing Apparatus—*continued.*

No.		£	*s.*	*d.*
	Test Cases, Portable—			
5563	Barker Smith's, for qualitative and quantitative analysis, consisting of 4 bottles for reagents, spirit lamp, 2 graduated glass tubes and book of printed instructions, in mahogany case	0	17	6
5564	Board of Trade set, for merchant ships, consisting of 8 test tubes, urinometer and trial jar, 2 bottles for reagents and spirit lamp, in stained wood case	0	5	9



5565



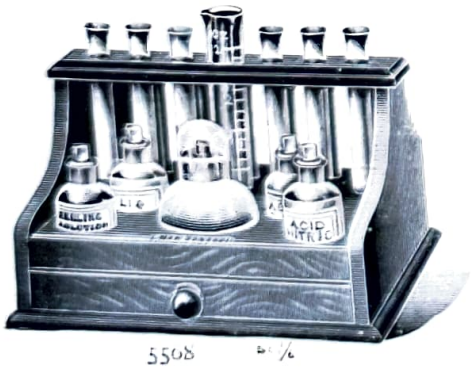
5566

5565	Oliver's, consisting of graduated drop tube, forceps, ruled paper, spirit lamp, test tubes and one packet each of the following papers—citric acid, albumen test, bile test, peptone, potassio-mercuric iodide, and sodæ carb., in metal case, measuring 4 in. by 3 in.	0	15	6
5566	Prout's, consisting of 3 bottles for reagents, pipette, spirit lamp with brass cap, urinometer, trial glass, test papers, test tubes and test tube holder, in leather-covered case, measuring $6\frac{1}{4}$ in. by $2\frac{5}{8}$ in. by $4\frac{1}{8}$ in.	1	5	6

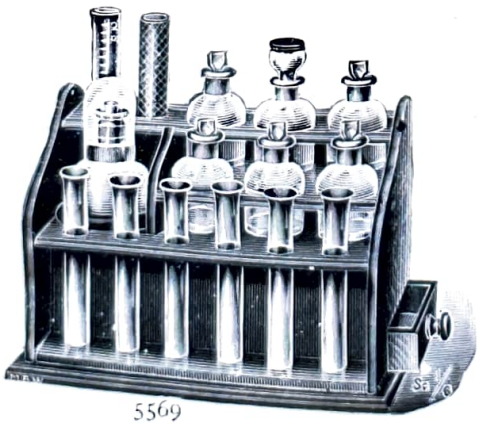


5567

5567	Pavy's, consisting of ferrocyanic acid and citric acid pellets for the detection of albumen, contained in a celluloid tube which fits into a cylindrical glass testing tube with screw cap	0	3	6



5568

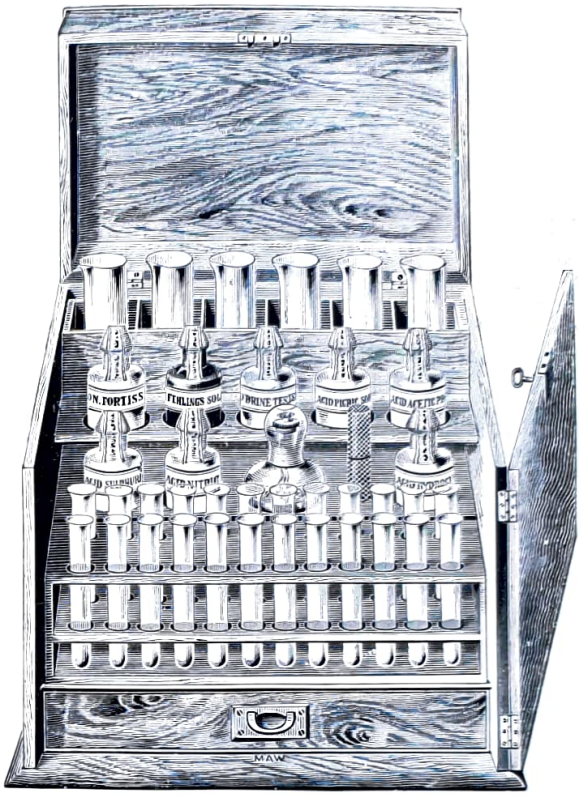


5569

Test Stands, etc.—

5568	"Compactum," consisting of 4 stoppered bottles labelled acid. acetic, acid. nitric, Fehling's solution and liq. potassæ, spirit lamp, 6 test tubes, test papers, urinometer and trial glass, in stained wood stand with drawer	1	0	0
5569	"Cottage Hospital" pattern, consisting of 5 stoppered bottles labelled acid. acetic, acid. nitric, acid. picric, Fehling's solution and liq. potassæ, 6 test tubes, drop bottle, urinometer, trial glass, spirit lamp and test papers, in mahogany stand, with drawer	1	8	6

Urine Testing Apparatus—*continued.*

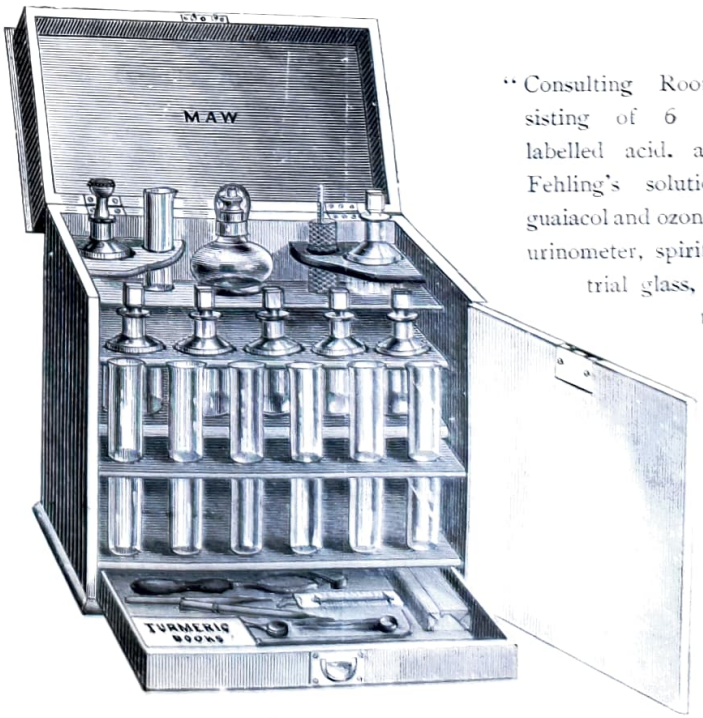


5570

Test Stands, etc.—*continued.*

"College of Physicians" Model, consisting of 8 stoppered bottles, labelled acid. acetic, acid. hydrochlor., acid. nitric, acid. picric, acid. sulph., brine test, Fehling's solution and liq. ammon. fort., 6 trial glasses, 24 test tubes, blow pipe, forceps, pipette, glass slides, spirit lamp, urinometer, test papers, stirring rod, test tube holder and watch glasses, in mahogany cabinet, with drawer, lock and key.

No.		£ s. d.
5570	"College of Physicians" Model, as above	5 0 0

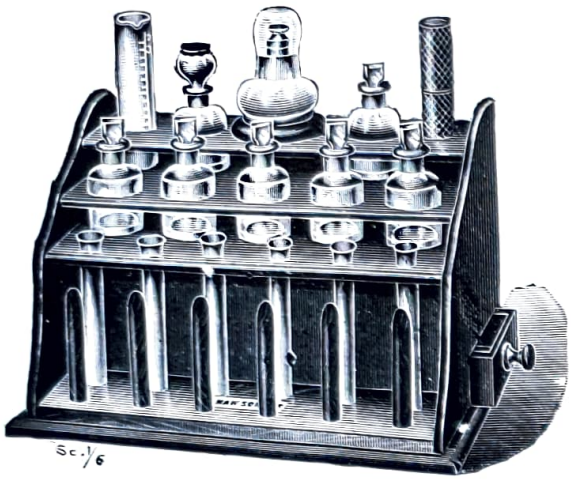


5571

"Consulting Room" Model, consisting of 6 stoppered bottles, labelled acid. acetic, acid. nitric, Fehling's solution, liq. potassæ, guaiacol and ozonic ether, 6 test tubes, urinometer, spirit lamp, drop bottle, trial glass, blow pipe, forceps, test papers, pipette, slides and cover glasses, stirring rod, test tube holder, thermometer and watch glasses, in mahogany cabinet, with drawer, lock and key.

5571	"Consulting Room" Model, as above	2 17 6

Urine Testing Apparatus—*continued.*

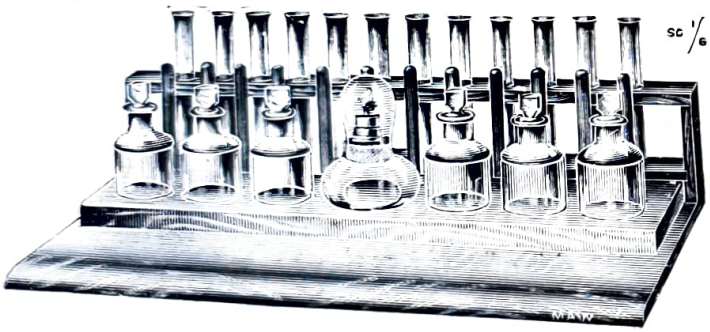


5572

Test Stands, etc.—*continued.*

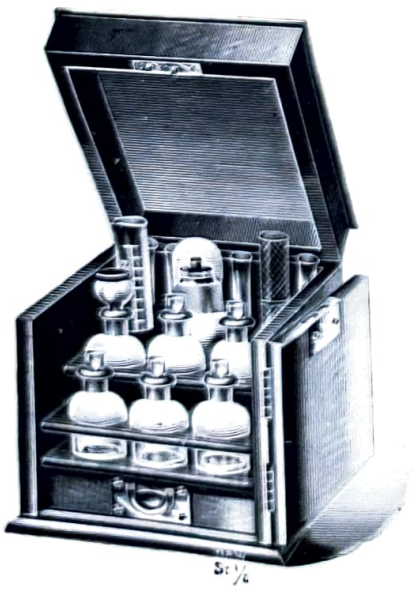
"Hospital," model consisting of 6 stoppered bottles labelled acid. acetic, acid. nitric, Fehling's solution, liq. potassæ, guaiacum and ozonic ether, 6 test tubes, drop bottle, urinometer, spirit lamp, trial glass, blow pipe, forceps, test papers, pipette, slides and cover glasses, stirring rod, test tube holder and watch glasses, in mahogany stand.

No.		£	*s.*	*d.*
5572	"Hospital," model as above	1	13	3

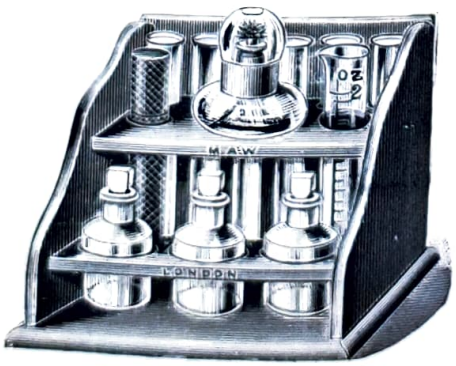


5573

5573	"Dispensary" Model, consisting of 6 2-oz. stoppered bottles (unlabelled), spirit lamp and 1 doz. test tubes, on plain mahogany stand... ...	0	15	0



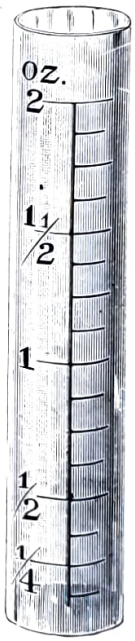
5574



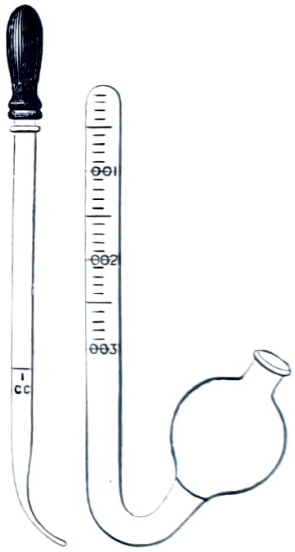
5575

Urine Testing Apparatus—*continued.*

No.	**Test Stands, etc.**—*continued.*	£	s.	d.
5574	"The General Practitioner's" Model, consisting of 5 stoppered bottles labelled acid. acetic, acid. nitric, acid. picric, liq. potassæ and Fehling's solution, 6 test tubes, drop bottle, urinometer, trial glass, spirit lamp and test papers, in walnut cabinet, with drawer, lock and key ...	1	3	6
5575	"The Miniature," consisting of 3 stoppered bottles labelled acid. nitric, Fehling's solution and liq. potassæ, 6 test tubes, urinometer, trial glass and spirit lamp, in mahogany stand	0	13	6
5576	**Test Tubes,** best quality, $4\frac{1}{2}$ in. by $\frac{5}{8}$ in. ... ... per doz.	0	0	10
5577	**Test Tube Holder,** brass	0	1	3
5578	**Thermometer,** with ivory scale	0	3	6



5579



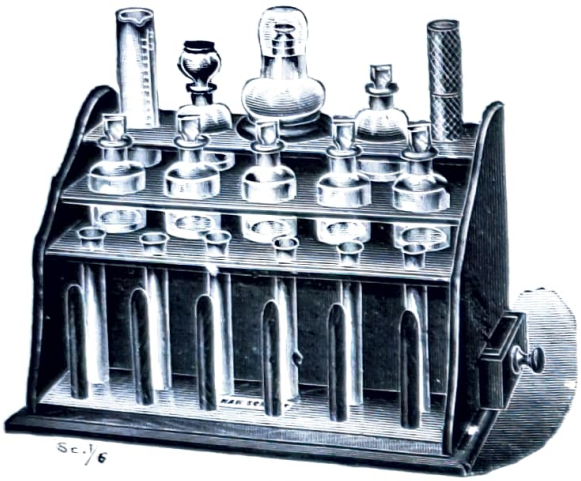
5581



5586

5579	**Trial Glass,** graduated 2 oz.	0	0	9
5580	**Turmeric Paper,** in boxes containing 12 books ... per doz. boxes	0	10	6
	Ureameters—			
5581	Cruise's or Doremus's	0	3	0
5582	Do. on mahogany stand	0	4	0
5583	Do. modified by Newton Pitts, with English and metric scales ...	0	4	0
5584	Do. do. do. on mahogany stand	0	5	0
5585	Southal-Squib's, with thermometer, trial jar and table of corrections ...	0	4	6
5586	**Urinometer,** best English make, in leather case	0	2	0
5587	Do. do. with trial glass	0	3	3

Urine Testing Apparatus—*continued.*

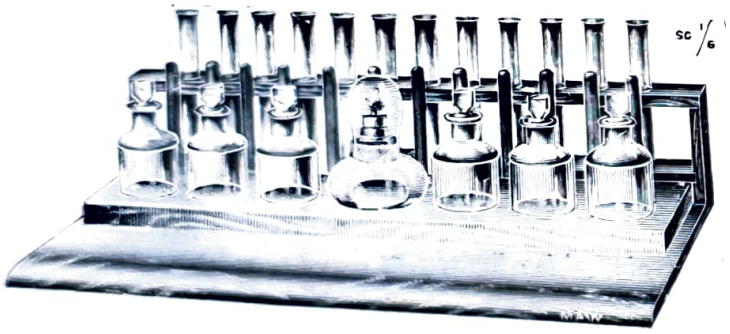


5572

Test Stands, etc.—*continued.*

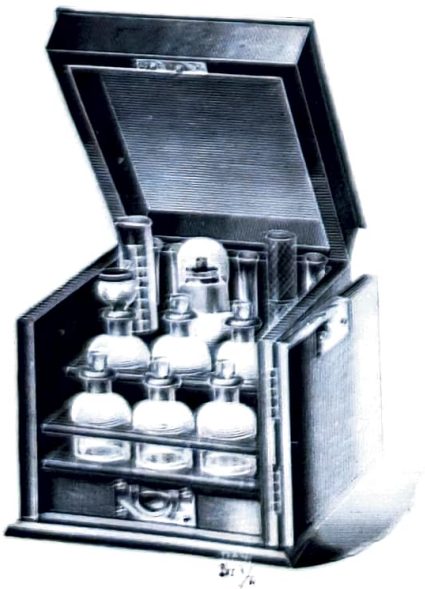
"Hospital," model consisting of 6 stoppered bottles labelled acid. acetic, acid. nitric, Fehling's solution, liq. potassæ, guaiacum and ozonic ether, 6 test tubes, drop bottle, urinometer, spirit lamp, trial glass, blow pipe, forceps, test papers, pipette, slides and cover glasses, stirring rod, test tube holder and watch glasses, in mahogany stand.

No.		£ s. d.
5572	"Hospital," model as above	1 13 3

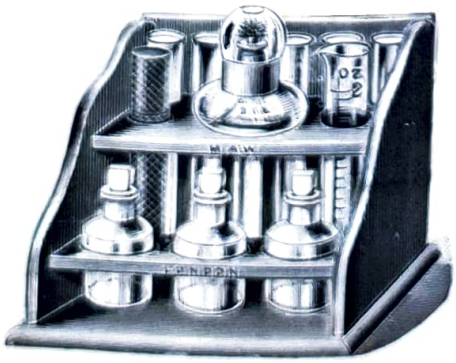


5573

5573	"Dispensary" Model, consisting of 6 2-oz. stoppered bottles (unlabelled), spirit lamp and 1 doz. test tubes, on plain mahogany stand... ...	0 15 0



5574



5575

Urine Testing Apparatus—*continued.*

No.		£	s.	d.
	Test Stands, etc.—*continued.*			
5574	"The General Practitioner's" Model, consisting of 5 stoppered bottles labelled acid. acetic, acid. nitric, acid. picric, liq. potassæ and Fehling's solution, 6 test tubes, drop bottle, urinometer, trial glass, spirit lamp and test papers, in walnut cabinet, with drawer, lock and key ...	1	3	6
5575	"The Miniature," consisting of 3 stoppered bottles labelled acid. nitric, Fehling's solution and liq. potassæ, 6 test tubes, urinometer, trial glass and spirit lamp, in mahogany stand	0	13	6
5576	**Test Tubes,** best quality, $4\frac{1}{2}$ in. by $\frac{3}{4}$ in. ... ... per doz.	0	0	10
5577	**Test Tube Holder,** brass	0	1	3
5578	**Thermometer,** with ivory scale	0	3	6



5579



5581



5586

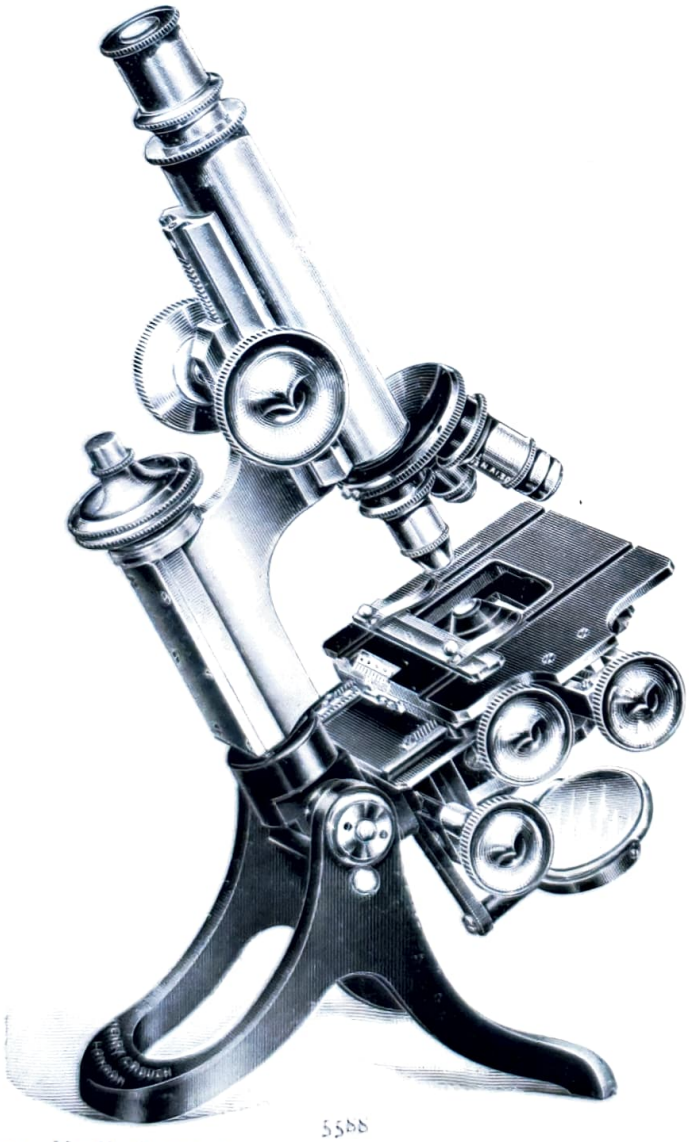
5579	**Trial Glass,** graduated 2 oz.	0	0	9
5580	**Turmeric Paper,** in boxes containing 12 books ... per doz. boxes	0	10	6
	Ureameters—			
5581	Cruise's or Doremus's	0	3	0
5582	Do. on mahogany stand	0	4	0
5583	Do. modified by Newton Pitts, with English and metric scales ...	0	4	0
5584	Do. do. do. on mahogany stand	0	5	0
5585	Southal-Squib's, with thermometer, trial jar and table of corrections ...	0	4	6
5586	**Urinometer,** best English make, in leather case	0	2	0
5587	Do. do. with trial glass	0	3	3

MICROSCOPES by HENRY CROUCH.

The Microscopes figured and described in the following pages are the result of 40 years' experience in the construction of first-class Objectives and Stands. During the last 10 years Mr. Crouch's entire attention has been given to the construction of a series of instruments for the use of bacteriologists and physiologists, and he has during the last two years standardised those instruments which have been found to meet the professional demand.

Since 1885 experiments have been continuously carried on in which upwards of 120 different kinds of optical glass (by Chance, Schott, Mantois and others) have been tried, and all that have been found in the slightest degree unsuitable have been eliminated. The result is that during the past five years, although the homogeneous immersion and other objectives have been in continuous use in all tropical climates, not one has been returned for correction. All objectives, therefore, included in this list can be absolutely guaranteed.

Crouch's Microscopes and Objectives have been recently supplied in large numbers to the Army Medical Service and to the Colonial Department for use in all the African Crown Colonies and Protectorates.



5588

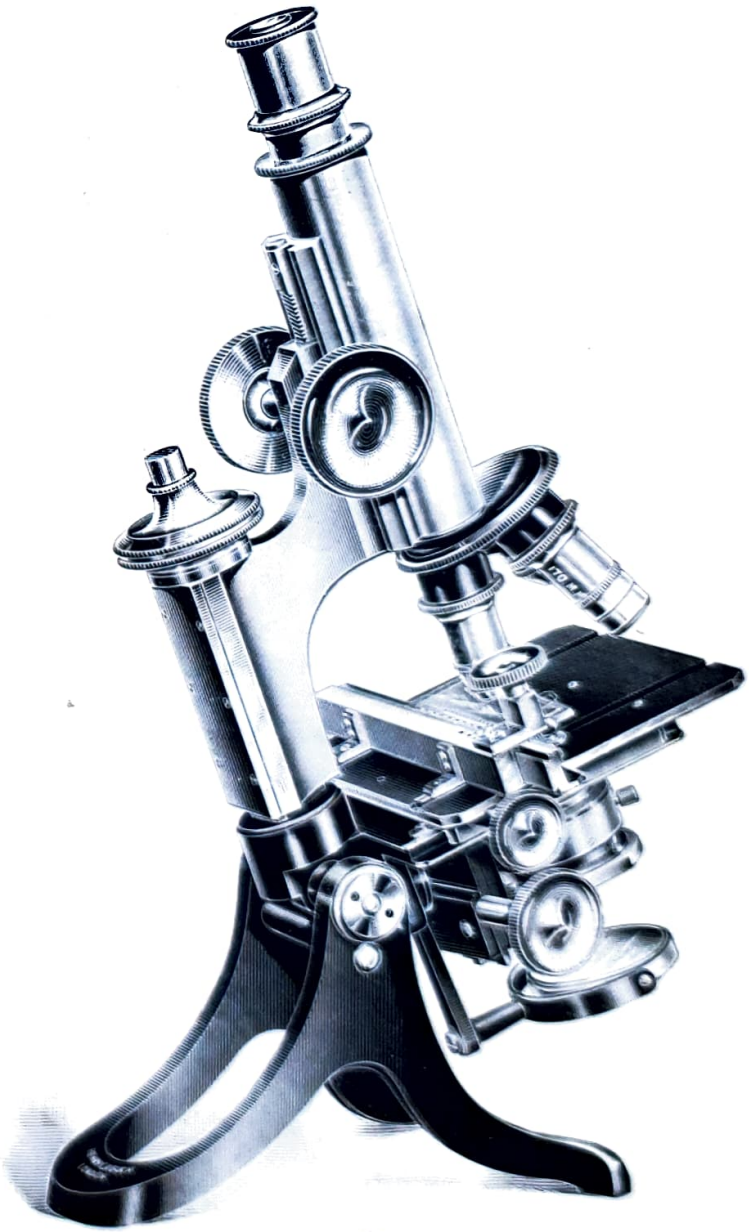
5588 **The Army Medical and Tropical Service,** Pattern "A."—This Microscope has been constructed for research and other work of the highest class in Bacteriology. It has coarse and fine adjustment by diagonal rack and pinion, the bearings of which are much wider than ordinarily made and consequently much more solid and durable. The fine adjustment is executed by the direct action of a left-handed micrometer screw *a*, in contact with a polished hardened steel plate. *The large Stage* has rectangular adjustments by means of a diagonal rack and

Microscopes by Crouch—*continued.*

£ s. d.

pinion and quick screw, with a range in each direction of 25 m/m (1 in.), each adjustment having a graduated millimetre scale. *The Sub-stage* can be swung aside for greater convenience in exchanging accessories. It is focussed by means of a diagonal rack and pinion, but, by special request of several eminent bacteriologists, centering adjustments are not included. *The Eye-pieces* are three in number, viz., Huyghenian × 6 and × 9, and Compensating × 12. *The Objectives* usually supplied are $\frac{2}{3}$ in., $\frac{1}{6}$ in., and oil immersion $\frac{1}{12}$ in., N.A. 1·30, or 1 in., $\frac{1}{6}$ in., and $\frac{1}{12}$ in. (the $\frac{1}{8}$ in. can be supplied in place of the $\frac{1}{6}$ in. if preferred). It is fitted with *Dust-proof Triple Nose-piece*, the two lower powers being carefully adjusted to the focal plane and correctly centred, and *Abbé Condenser* N.A. 1·20, with iris diaphragm, and is packed in a polished mahogany or teak case 22 2 0

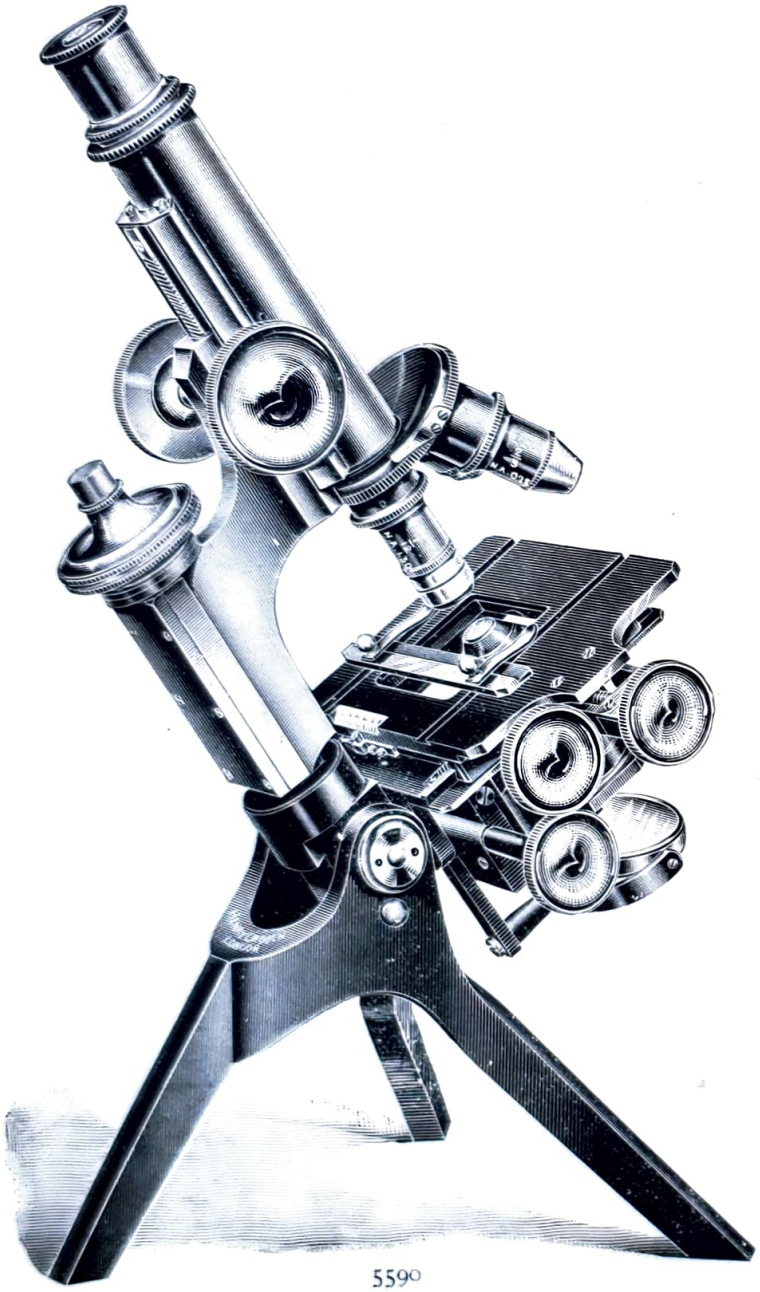
NOTE.—The compensating high power eye-piece × 12 is recommended as giving a much better field and as being more convenient in use with the higher powers than that of the ordinary construction; if the latter, however, is preferred, it can be supplied and the price of the instrument will thus be reduced by 21 -



5589

5589 **The Army Medical and Tropical Service,** Pattern "B."—This Microscope is the same in all particulars as No. 5588, except that it has a specially constructed stage giving a cross traversing range of 2½ in., and graduated to millimetre scale, the vernier reading to 1 m/m; this stage can be removed for the examination of cultivations, etc. 23 13 9

Microscopes by Crouch—*continued.*

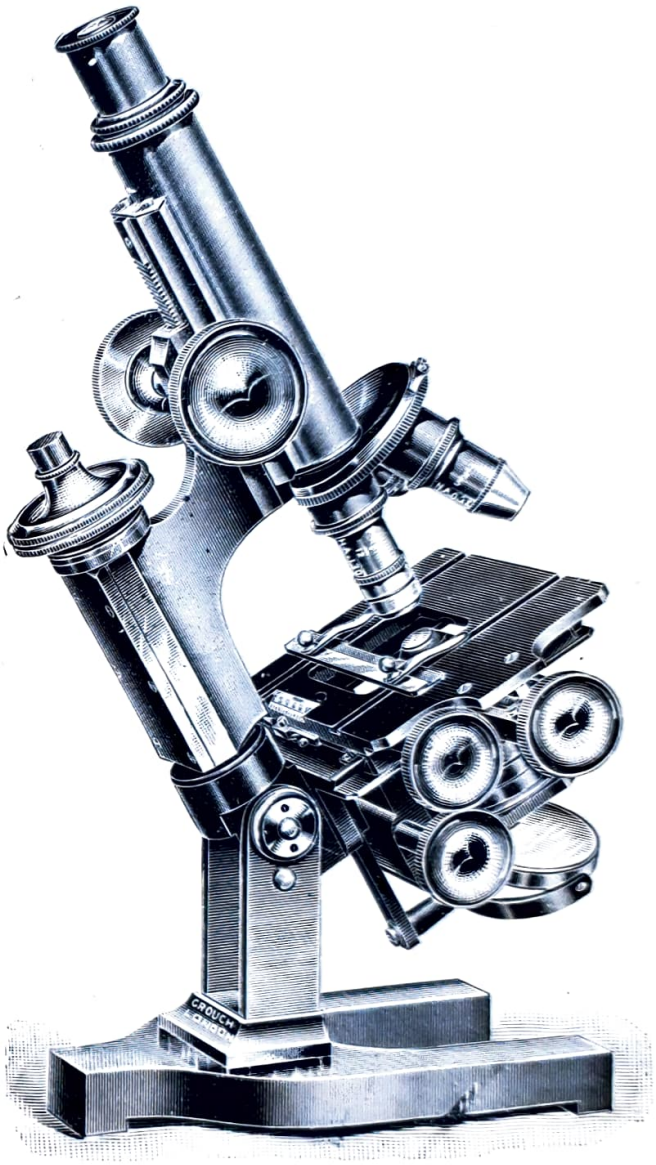


5590

No.		£	*s.*	*d.*
5590	**The Army Medical and Tropical Service,** Pattern "C"— This Microscope is the same in all particulars as No. 5588, except that it is fitted to a tripod stand, and has, in consequence, a rather larger case ...	22	2	0
	Do. do. fitted with cross traversing stage, as No. 5589	23	13	9
	No. 5588 can also be fitted with the tripod stand without any increase in the cost.			
	Extras, for use with Army Medical and Tropical Service patterns A, B, C, and D.—			
5591	Ehrlich Eye-piece, with proportional contracting stop, for examination of blood	1	11	6
5592	Sub-stage with centering screws and extra iris diaphragm adjustable directly under the object, the fitting carrying the Abbé condenser being hinged so that it can be immediately thrown out of the field	2	12	6
5593	Zeiss Thoma Hæmocytometer, with pipettes for red and white corpuscles ...	1	17	9
5594	Abbé Drawing Camera	1	6	4
5595	Do. do. do. with hinged prism	1	16	10
5596	Drawing Eye-piece, with prism attached, the microscope being inclined to 45°	1	6	4
5597	Do. do. do. with prism, giving an image at the side instead of at the back of the microscope	1	1	0

Drawing Boards to order.

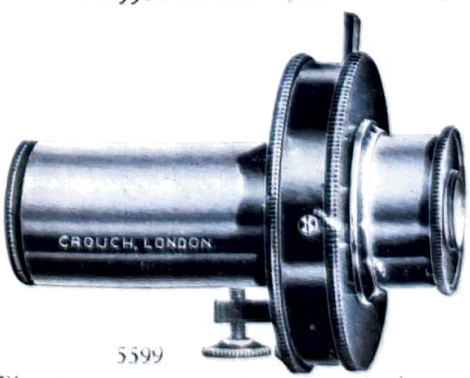
Microscopes by Crouch—*continued.*



5598

No.		*£ s. d.*
5598	**The Army Medical and Tropical Service,** Pattern "D"— This Microscope is the same in all particulars as No. 5588, except that it is fitted with the "Horse-shoe" or "Continental" foot. To make this instrument approximately equal in stability to No. 5588, it is necessary to add 3 lbs. to its weight	22 2 0
Do.	do. fitted with cross traversing stage, as No. 5589	23 13 9

No. 5588 can also be fitted with this foot without any increase in the cost.



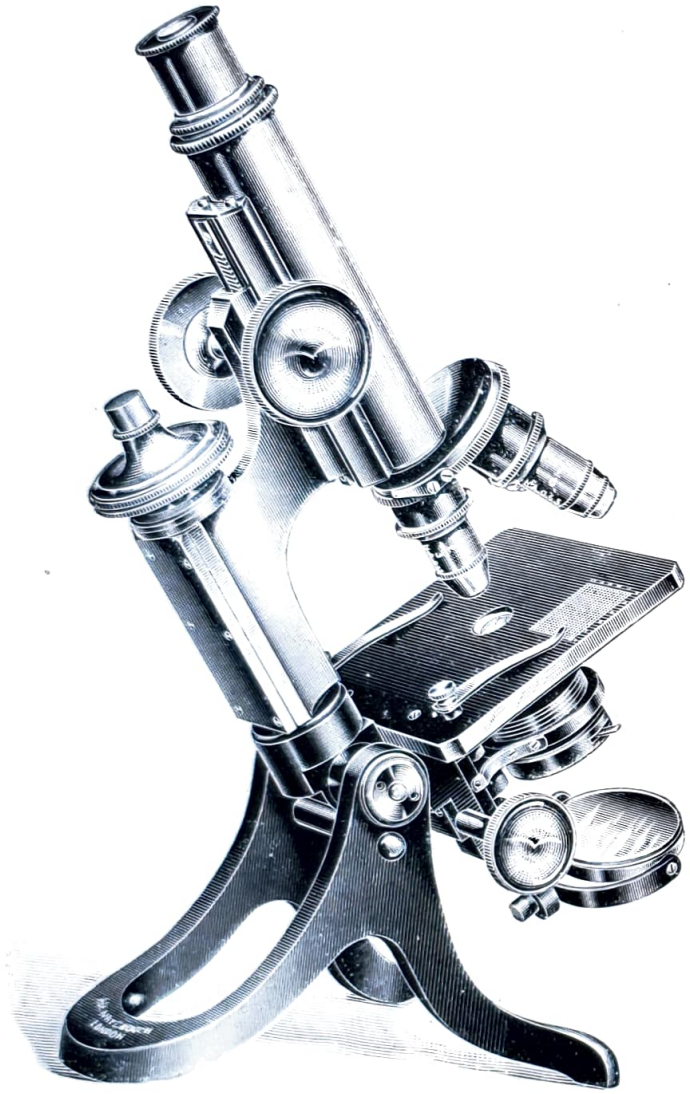
5599



Diagram showing the proportionate areas of the expanding stop.

5599	**The Ehrlich Eye-piece,** used in the examination of blood	1 11 6

Microscopes by Crouch—*continued.*



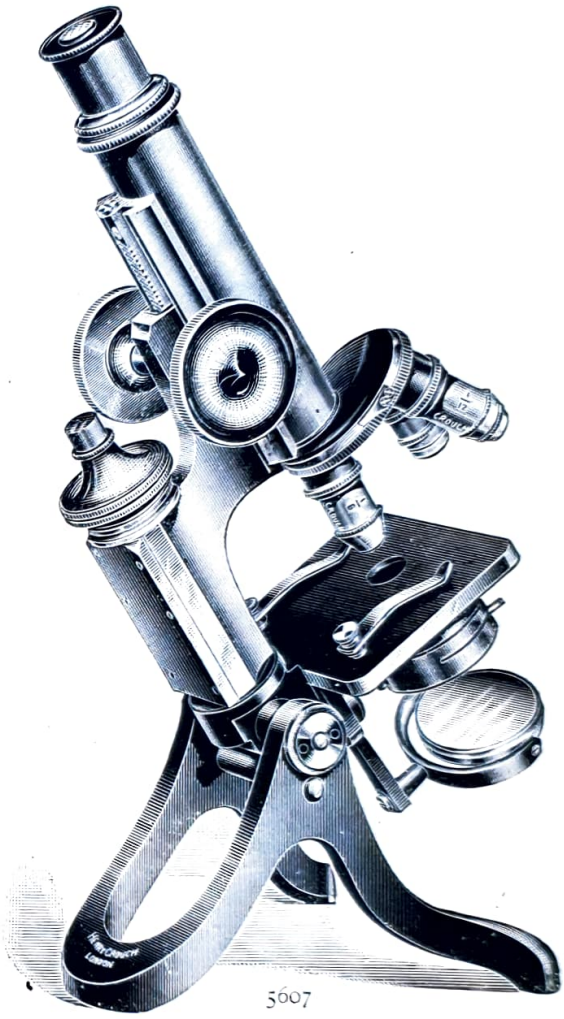
5000

No.		*£ s. d.*
5600	**The Cambridge Model**— This Microscope was first made for the advanced laboratory courses at Cambridge University. It has a large stage, 4 in. by 4 in., graduated in each direction with millimetre scales as "finders," focussing sub-stage, plane and concave mirrors, two eye-pieces × 6 and × 9, and objectives 1 in. and $\frac{2}{3}$ in., or $\frac{2}{3}$ in. and $\frac{1}{6}$ in. adjusted to the same focal plane on a dust-proof triple nose-piece	9 6 3
5601	Do. do. as No. 5600, but fitted with Abbé condenser, N.A. 1·20, with iris diaphragm, $\frac{1}{12}$ in. oil immersion lens N.A. 1·30, and extra eye-piece	16 14 3
	Extras, for use with the Cambridge Model, No. 5600—	
5602	Abbé Condenser, N.A. 1·20, with iris diaphragm	1 11 6
5603	Compensating Eye-piece × 12	1 6 4
5604	Ehrlich Eye-piece, for examination of blood	1 11 6
5605	Stage with mechanical adjustments	3 3 0
5606	Oil Immersion Lens, $\frac{1}{12}$ in. N.A. 1·30	5 5 0

The following is a list of Universities, Colleges, Hospitals, Medical Schools, etc., to which Crouch's Microscopes have been supplied :—

Aberdeen University.
Cambridge do.
Durham do.
Glasgow do.
Manitoba do.
Michigan do.
Montreal do.
Oxford do.
Pennsylvania do.
Royal Irish University.
St. Andrew's do.
Sydney do.
Toronto do.
Eton College.
King's College.
Queen's do. Belfast.
Do. do. Cork.
Do. do. Galway.
University College London.
Do. do. Dundee.
Brompton Hospital.
Dover do.
Foster Green do. Belfast.
Guy's Hospital.
London do.
North London Hospital.
Royal Free Hospital.
St. Bartholomew's Hospital.
St. George's do.
St. Thomas's do.
Victoria (Belfast) do.
School of Tropical Medicine, London.
School of Tropical Medicine, Liverpool.
The Royal College of Physicians

Microscopes by Crouch—*continued.*



5607

No.		£ s. d.
5607	**The "Histologist" Model,** specially designed for students. This Microscope has both coarse and fine adjustment, jointed stand, large stage with iris diaphragm, 2 eye-pieces × 6 and × 9. Objectives ⅔ in. (A) and ⅛ in. (D) and dust-proof triple nose-piece, thus making provision for the addition of ½ in. objective when required; the mahogany case admits of the microscope being enclosed with the objectives in position on the nose-piece	8 0 0
	Extras, for use with the Histologist Microscope—	
5608	Small Condenser, fitted to iris diaphragm	0 10 6
5609	Oil Immersion Lens, ½ in. N.A. 1·30	5 5 0

Objectives.—The glass used in the construction of this series has been tested for many years, and its stability is guaranteed.

No.	Focal Length.	Initial Power at 10 in.	Magnifying Power with Eye-pieces and 10 in. Tube length.				Numerical Aperture.	Price.
			No. 1 × 4.	No. 2 × 6.	No. 3 × 9.	Compensating × 12.		
	In.							£ s. d.
5610	4	3	12	18	27	36	0·8	1 1 0
5611	3	4	16	24	36	48	0·11	1 6 4
5612	2	6	24	30	54	72	0·13	1 6 4
5613	1¼	8	32	48	72	96	0·18	1 6 4
5614	1	12	48	72	108	144	0·25	1 6 4
5615	⅔	16	64	96	144	192	0·30	0 15 9
5616	⅔	20	80	120	180	240	0·35	1 6 4
5617	½	23	92	138	207	276	0·54	2 7 6
5618	½	45	180	270	405	540	0·65	1 11 6
5619	¼	65	260	390	585	780	0·65	1 11 6
5620	¼	83	332	498	747	996	0·87	1 11 6
5621	⅛	108	420	630	945	1,260	0·87	2 12 6
5622	Homogeneous Oil Immersion. 1/12	125	500	750	1,125	1,500	1·30	5 5 0

Microscopes by Crouch—*continued.*

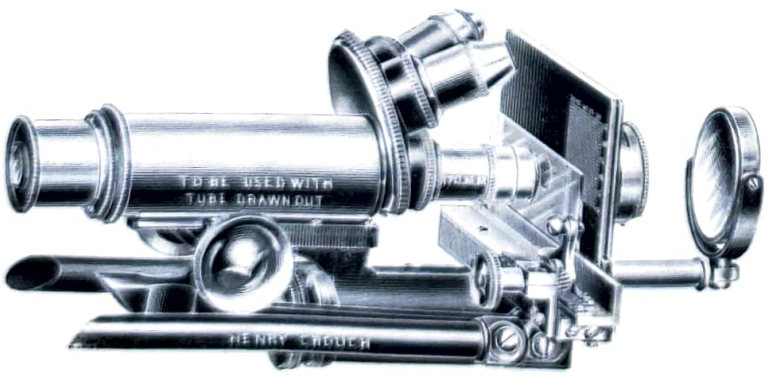


5610
READY TO USE.



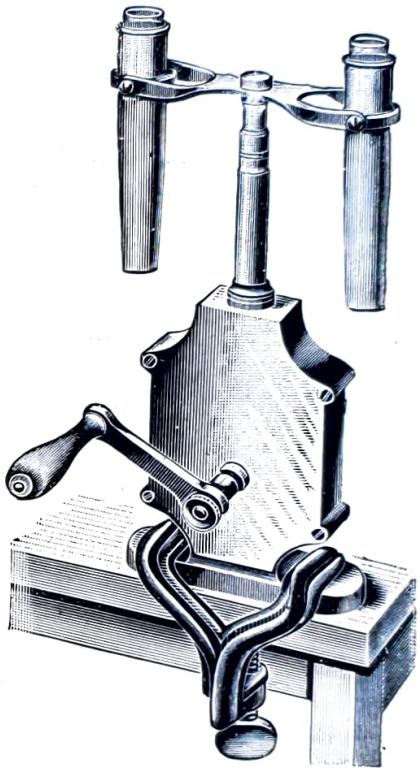
5610
PACKED IN CASE.

No.		*£ s. d.*
5623	**Portable Travelling Microscope,** for the Tropics, etc.—This instrument has been specially constructed for His Majesty's Government. It is provided with rack and pinion and fine focussing adjustments, large stage with cross-traversing movement of 2 in. graduated to millimetres, vernier reading to '1 m.m.; 2 eye-pieces ×6 and ×9; 3 objectives, viz., $\frac{2}{3}$ in., $\frac{1}{6}$ in., and $\frac{1}{12}$ in. oil immersion carefully centred and adjusted to dust-proof triple nose-piece; stage condenser with iris diaphragm. The entire apparatus can be folded up into an exceedingly small space, and is packed in a leather case measuring 11 in. by 4½ in. by 5 in.	18 15 0
5624	Stand alone, in case, with two eye-pieces	7 14 0

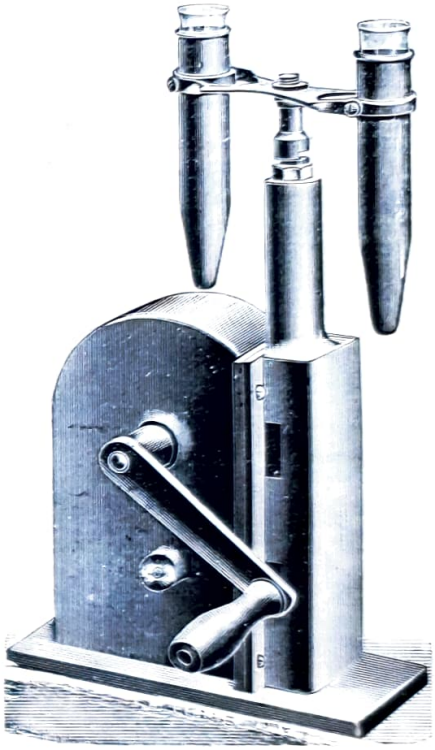


5610
FOLDED READY FOR PACKING.

BACTERIOLOGICAL APPARATUS
AND
MICROSCOPE SUNDRIES.



5625

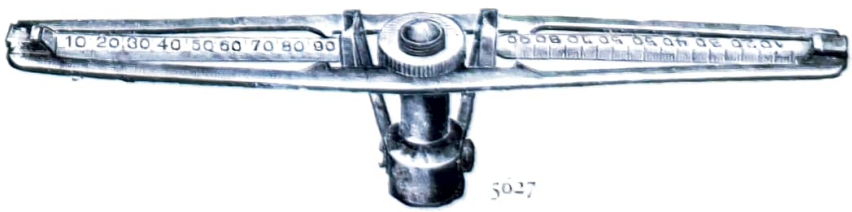


5626

No.		*£*	*s.*	*d.*
	Centrifugal Machines—			
5625	Nickel plated, with one plain and one graduated tube, and clamp for fixing to table	1	14	0
5626	Klein's, with aluminium top and tube holder, two graduated glass tubes as No. 5628 and Hæmatocrite No. 5627	2	12	6

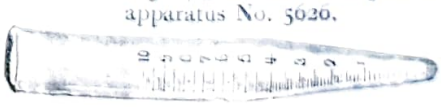
This machine is capable of giving 10,000 revolutions per minute.

With apparatus No. 5626 two speeds of rotation can be obtained—a low speed for the analysis of milk, urine and water, and a high speed of 10,000 revolutions per minute for the examination of blood; a small multiplying wheel is provided for the latter purpose, and it is only necessary to change the handle from one spindle to another in order to obtain the higher speed.



5627

5627 Hæmatocrite, for use with apparatus No. 5620 in examination of the blood, consisting of frame with two capillary tubes, 50 m/m long and 0·5 m/m in bore, each graduated to 100 parts. This is included with apparatus No. 5620.



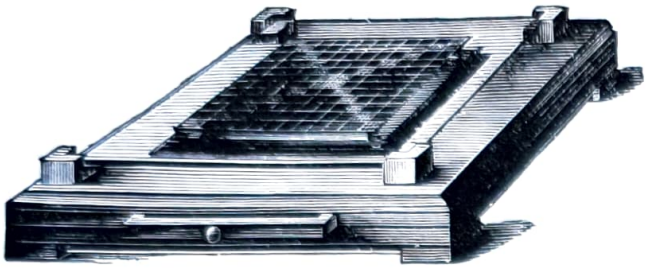
5628



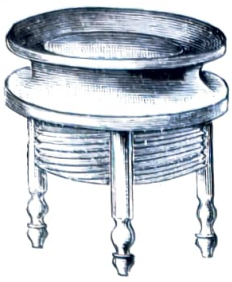
5629

5628	**Graduated Glass Tubes** as supplied with Centrifuge No. 5620 ...	each	0	1	0
5629	Do. do. with narrow necks for the estimation of fat in milk	,,	0	1	0

Bacteriological Apparatus and Microscope Sundries—*continued.*



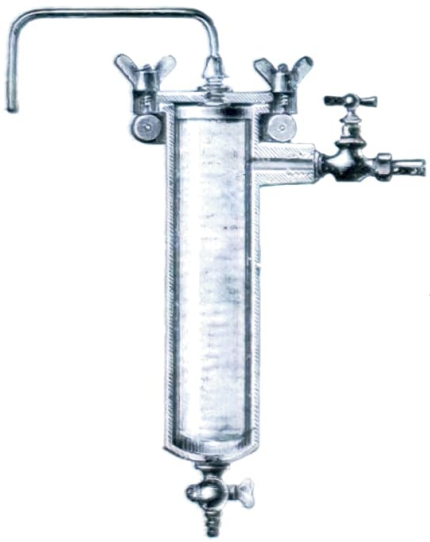
5630



5631

No.		£	*s.*	*d.*
5630	**Counting Apparatus,** Wolffhügel's, for gelatine plates	0	15	0
5631	Magnifying Lens in brass frame, with feet for use with above apparatus ...	0	3	6
	Culture Tubes, sterilized—			
5632	Agar-agar ... ... per doz.	0	3	0
5633	Agar-agar glycerine ... ... ,,	0	3	0
5634	Blood serum ... ... ,,	0	7	6
5635	Broth ... ... ,,	0	3	0
5636	Gelatine ... ... ,,	0	3	0

Culture Tubes cannot under any circumstances be received back after having once been sent out.



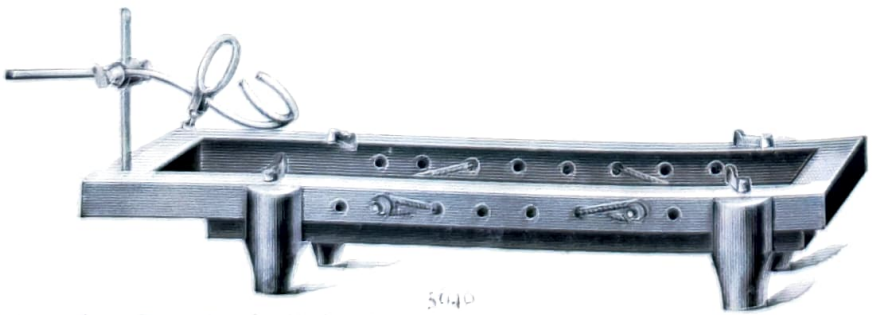
5637



5638

Filters—

5637	Berkfeld's, with glass cylinder	2	12	6
5638	Pasteur-Chamberland's, with nickel plated brass cylinder	2	5	0
5639	Spare porous filters for do. ... ... each	0	2	0



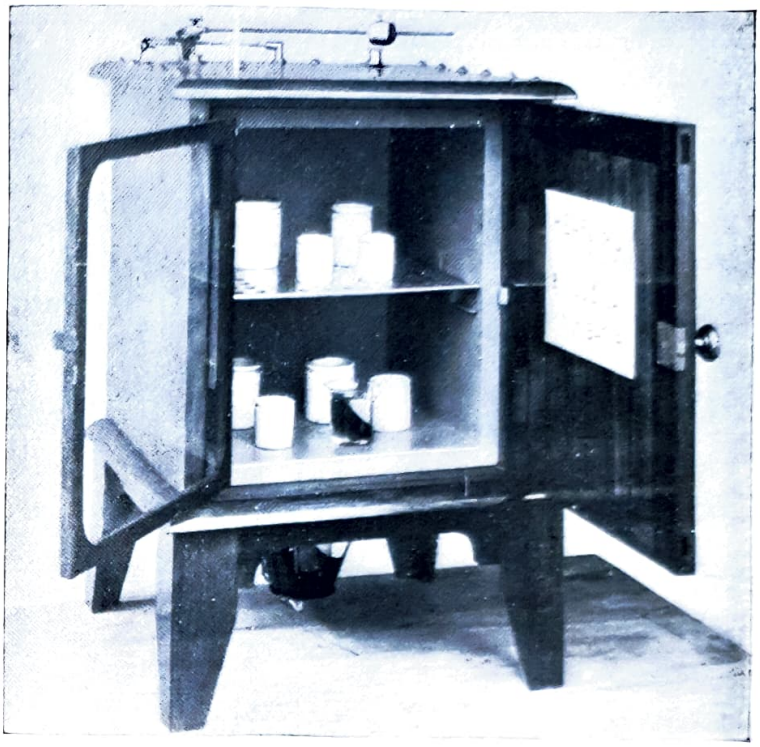
5640

Dissecting Boards, for Vivisection—

5640	*For dogs	2	12	0
5641	*For guinea pigs, rabbits and rats	2	7	6
5642	*For mice, with ball and socket joint, to fix at any angle	0	9	6

* Made to order only.

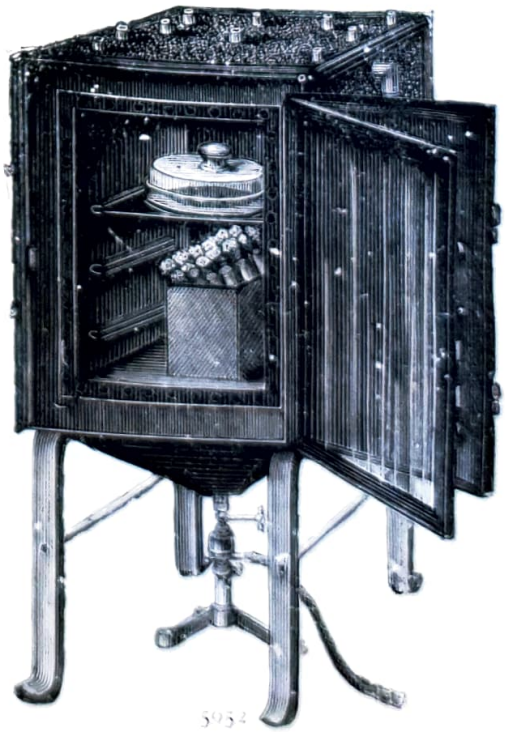
Bacteriological Apparatus and Microscope Sundries—*continued.*



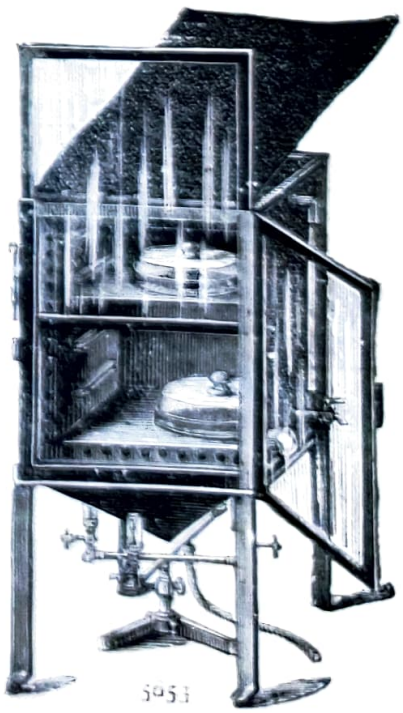
5643–45.

Incubator, Hearson's, with patent heat regulator, thermometer and burner complete—

No.		£	s.	d.
5643	For Gas, inside measurements, 12 in. by 12 in. by 14 in.	7	7	0
5644	Do. ,, ,, 15 in. by 15 in. by 18 in.	10	10	0
5645	Do. ,, ,, 20 in. by 20 in. by 24 in.	15	0	0
5646	For Paraffin Lamp, inside measurements, 12 in. by 12 in. by 14 in.... ...	7	15	0
5647	Do. ,, ,, 15 in. by 15 in. by 18 in.... ...	11	7	6
5648	Do. ,, ,, 20 in. by 20 in. by 24 in.... ...	16	5	0
5649	For Cold Temperatures, inside measurements, 12 in. by 12 in. by 14 in. ...	15	0	0
5650	Do. ,, ,, 15 in. by 15 in. by 18 in. ...	18	18	0
5651	Do. ,, ,, 20 in. by 20 in. by 24 in. ...	26	15	0



5952



5953

Bacteriological Apparatus and Microscope Sundries—*continued.*

No.		£	s.	d.
5652	**Incubator,** fitted with double door (the inner one being of glass), heating apparatus, felt covering and thermometer: height 11 in., width 9⅛ in., depth 9⅛ in.	7	0	0
5653	**Incubator,** with sliding glass front, glass door and felt covering, on detachable iron stand; height 15 in., width 10 in., depth 10 in.	4	15	0



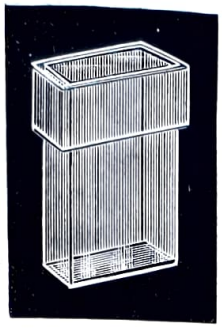
5654



5655



5656



5659

Microscope and Bacteriological Sundries.

5654	Balsam Bottle, with loose cap and dipping rod, capacity 1 oz.	0	0	9
5655	Do. do. with ground on cap and dipping rod, capacity 1 oz.	0	1	0
5656	Do. do. conical, with return edge for scraping the balsam off the rod, capacity 1½ oz. ...	0	1	0
5657	Bottle, with pipette, for stains, 1 oz. capacity	0	0	6
5658	Bottle, with dipping rod cemented to stopper and ground-on cap, for cedar wood oil, ½ oz. capacity	0	1	0
5659	Box, Glass, with lid, for staining slides...	0	1	0
5660	Do. do. oval shape	0	1	0
	Cover Glasses, diameter, ⅝ in., ¾ in., ⅞ in., or 1 in.—			
5661	Circles ... ... per oz., thin, No. 1, 4/–; thick, No. 2	0	3	0
5662	Squares ... ... ,, ,, ,, 4/–; ,, ,,	0	3	0
5663	Oblongs, 2 sizes ... ... per oz., 1½ in. by ¾ in., 4/–; 2 in. by ⅞ in.	0	4	0

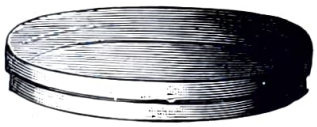
The above can be supplied in alcohol in stoppered bottles, for use in tropical climates, at an additional charge of 2/6 per oz.



5664

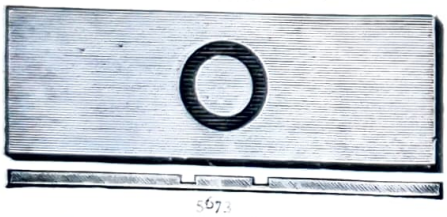


5666

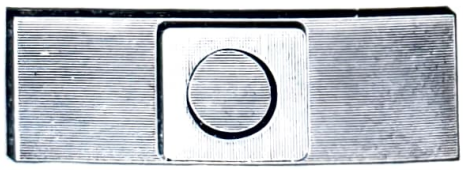


5668

5664	Glass Capsules or Pots, shallow, for hardening microscopical preparations, etc.—						
	Diameter—2 in.	2½ in.	3 in.	4 in.			
	Each— /6	/6	/8	/9			
5665	Labels for Slides, with ruled margins				per gross	0	0 6
5666	Moist Chamber, 6½ in. by 2 in.				each	0	2 3
5667	Needles and Loops, platinum on glass handles				,,	0	1 0
5668	Petri Dishes, glass	per pair, 2 in., –/6; 2½ in. –/6; 3 in. –/8; 4 in.				0	0 9
5669	Pipettes, marked 1 c.c.				per doz.	0	3 6
5670	Porcelain or Glass Plates, half white and half black, 8 in. by 4 in.				each	0	3 0

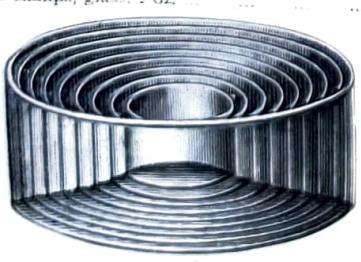


5673



5674

5671	Slides, crown glass, 2 sizes, 3 in. by 1 in. and 3 in. by 1½ in.	per gross	0	3 0
5672	Do. do. with concave centre	per doz.	0	1 0
5673	Do. do. with circular groove	,,	0	10 0
5674	Do. do. with cemented chamber for hanging drop	,,	0	10 0
5675	Spirit Lamps, glass, 2 oz.	,,	0	16 0



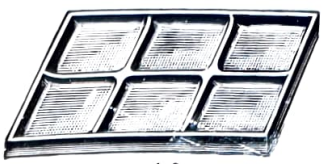
5676



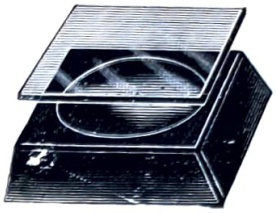
5677

5676	Staining Dishes, 3 Diameter—	1½ in.	2 in.	2½ in.	3 in.	3½ in.	4 in.	4½ in.	5 in.	6 in.
	clear glass 1 Per doz.	2/–	3/–	3/6	4/–	4/6	5/–	6/–	7/6	10/–
5677	Staining Dishes, with 3 Diameter—	1½ in.	2 in.	2½ in.	3 in.	3½ in.	4 in.	4½ in.	5 in.
	ground glass lids— 1 Each—	/6	/9	10	1/2	1/4	2/–	2/6

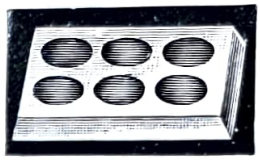
Bacteriological Apparatus and Microscope Sundries—*continued.*



5678



5679



5680

No.	**Microscope and Bacteriological Sundries**—*continued.*	£	*s.*	*d.*
5678	Staining Plate, porcelain, for large sections	0	8	6
5679	Do. do. glass, with cover...	0	0	6
5680	Do. do. porcelain, for small sections ... ... 3 hole. -/9; 6 hole, 1/3; 12 hole	0	1	6
5681	Test Tubes, extra stout, for cultivation media, ⅝ in. ... ... per gross	0	10	0
5682	Watch glasses, per doz., 1⅝ in., 1/-; 2 in., 1/-; 2¼ in., 1/6; 2½ in., 2-; 3¼ in., 3/-; 3½ in., 3/6; 4 in.	0	4	6
5683	Watch glasses, with flat bottom, 2 in. diameter ... ... per doz.	0	2	0



5684



5685



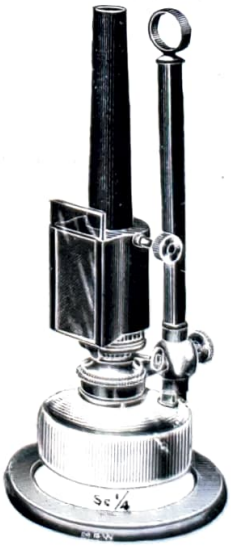
5689



5690

Microscope Instruments—

5684	Forceps, Cornet's, nickel plated, for holding cover glasses												0	1	3
5685	Do. do. improved pattern, nickel plated												0	2	3
5686	Needles, mounted in wood handles ... ... per doz.												0	1	6
5687	Scissors, fine pointed, straight												0	0	8
5688	Do. do. curved												0	0	8
5689	Section Lifters, double ended, copper												0	1	6
5690	Do. do. do. with long blades												0	1	3



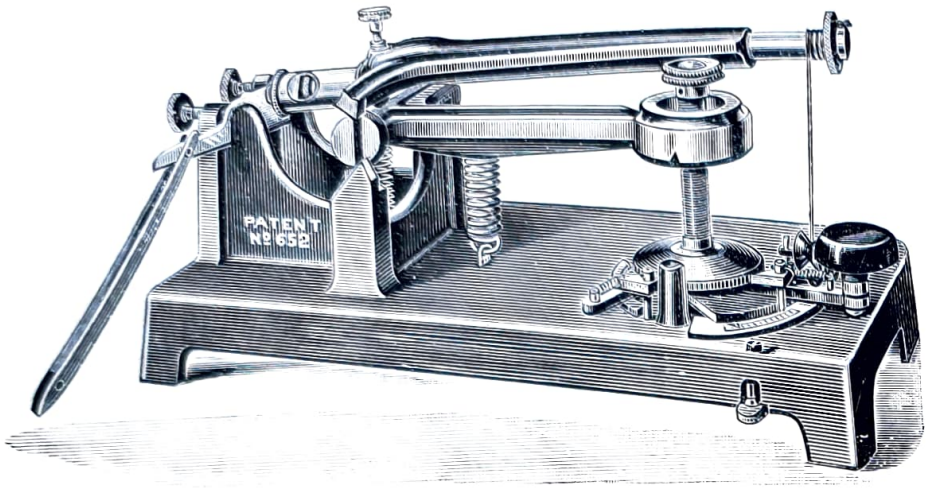
5691



5692

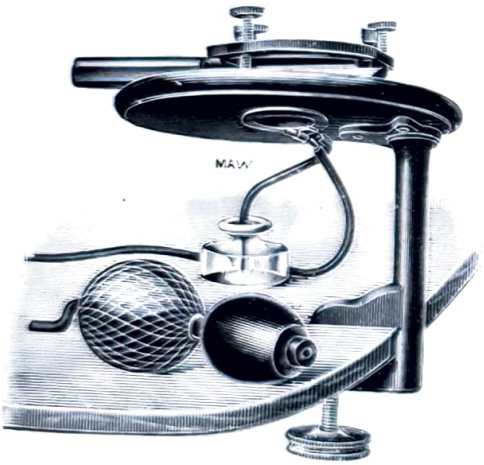
5691	**Microscope Lamp,** for paraffin, with height regulating pillar and slot for tinted glass	1	5	0
5692	**Microscope Mounting Cabinet,** 9 in. by 7 in. by 5 in. (weight 5½ lbs.), polished mahogany, with carrying strap, containing 3 capped solution bottles with glass rods, balsam bottle, lamp, 9 dozen slides, cover glasses, labels, 4 watch glasses, 3 china dishes, razor, scissors, pipette, forceps, 3 mounted needles, section lifter, 4 brushes, glass rod, note book and pencil, and 9 trays to hold 9 slides each	1	2	6

Bacteriological Apparatus and Microscope Sundries—*continued.*

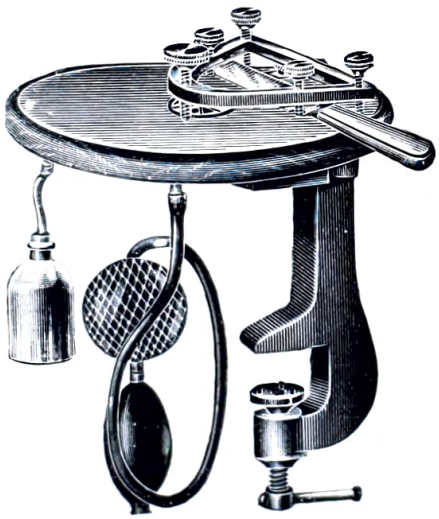


5693

No.	**Microtomes**—	*£ s. d.*
5693	Cambridge rocking pattern for paraffin sections, latest model with orientating object holder, arrangement for preventing tearing of the sections on the upward movement of the object, and graduated arc for showing the thickness	5 5 0



5694

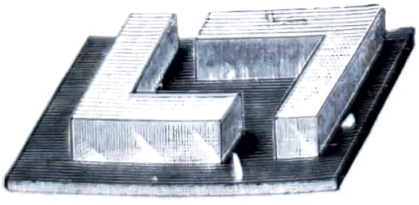


5695

5694	Williams's, for use with ether spray, fitted with razor carrier, bellows and bottle complete	4 4 0
5695	Grove's, modification of Williams's, for use with ether spray, fitted with razor carrier, bellows and bottle complete	4 4 0



5696



5697

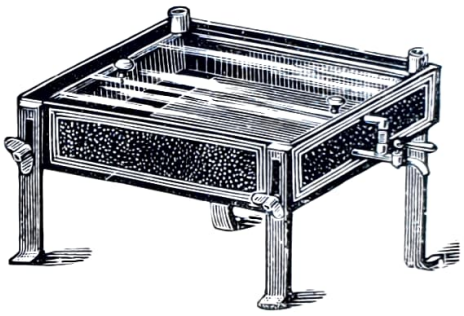
Microtome Accessories

5696	Embedding Bath, for paraffin preparations, with 6 copper pots, on stand	2 5 0
5697	Embedding Trough, consisting of 2 L-shape glass blocks on a zinc plate	0 6 0

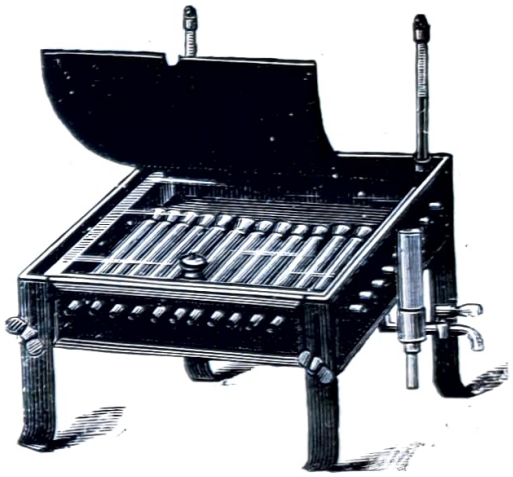
Bacteriological Apparatus and Microscope Sundries—*continued.*

Microtome Accessories—*continued.*

No.		£	*s.*	*d.*
	Embedding Materials—			
5698	Paraffin wax, melting point 40° c., 45° c. or 52° c. ... ... per lb.	0	5	0
5699	Pith, best quality ... ... per bundle	0	1	0
5700	Bellows, india-rubber for ether freezing microtomes ... ... each	0	2	6
5701	Plain irons for cutting sections ... ... ,,	0	15	0
5701*a*	Handle for use with above... ... ... extra	0	12	6
5702	Razors for cutting sections ... ... each	0	2	0



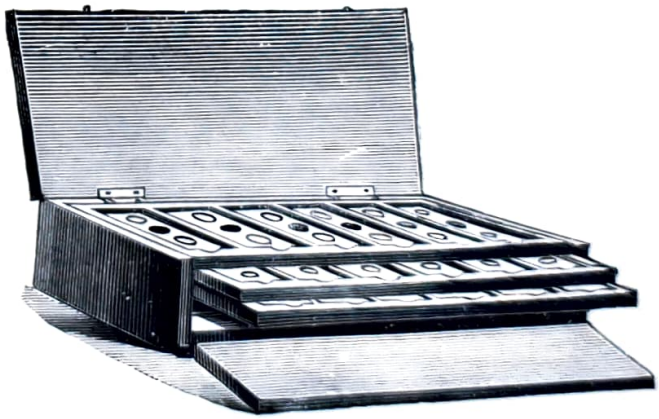
5703



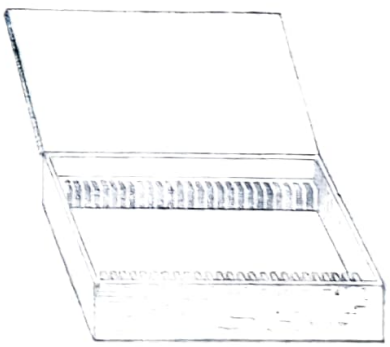
5704

5703 **Serum Inspissator,** Koch's, copper with double walls and glass cover, felt covered, with arrangement for adjusting the height of the front legs, to hold 25 or 50 tubes ... ... each 30/- and 2 0 0

5704 Do. do. as above, improved form with air holes, to hold 25 or 50 tubes ... ... each 42/- and 2 6 0



5705-7



5708-11

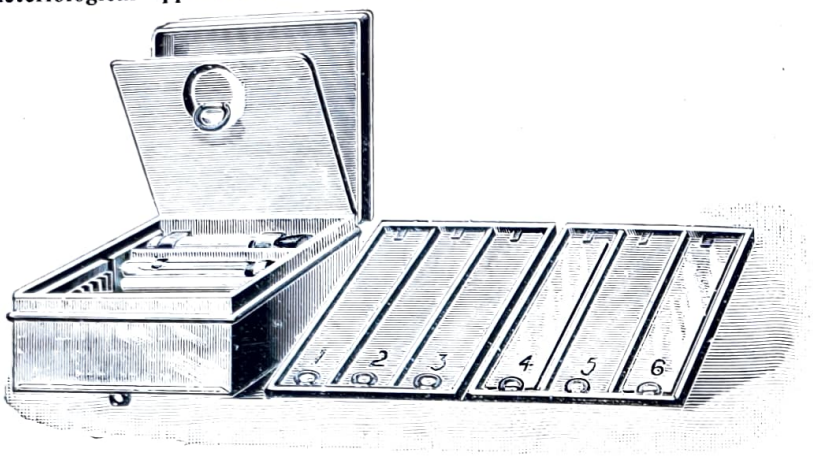
Slide Boxes, polished pine, with partitioned trays and let-down front—

5705	For 3 dozen slides	0	2	3
5706	For 6 do.	0	3	0
5707	For 12 do.	0	6	0

Slide Boxes, common, with vertical grooves and cloth hinged lids—

5708	For 1 dozen slides ... ... per doz.	0	4	9
5709	For 3 do. ... ... ,,	0	11	6
5710	For 6 do. ... ... ,,	1	2	6
5711	For 12 do. ... ... ,,	2	5	0

Bacteriological Apparatus and Microscope Sundries—*continued.*



5712

No.

5712 **Slide Cabinet,** Rees's, German silver, containing 2 trays with numbered divisions, tube for holding cover glasses in alcohol, tube for needles, tube for vaseline and 10 grooves for slides ... ... each £ 0 s. 16 d. 6



5713

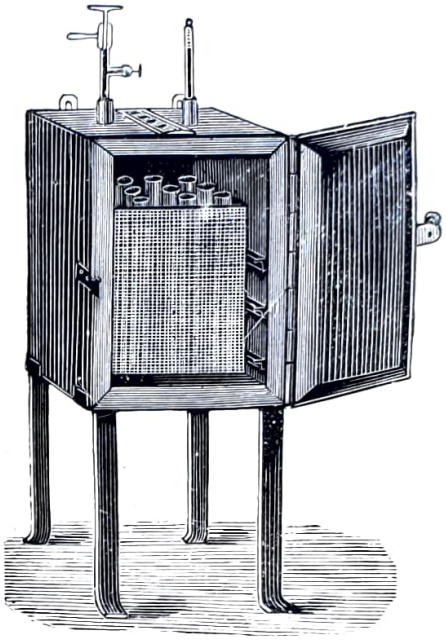
5713 **Slide Trays,** cardboard, with flaps—
To hold 20 slides ... ... each 1/–; per doz, 0 10 0

Stains, Grubler's, etc., in solution, for Microscopical Preparations—

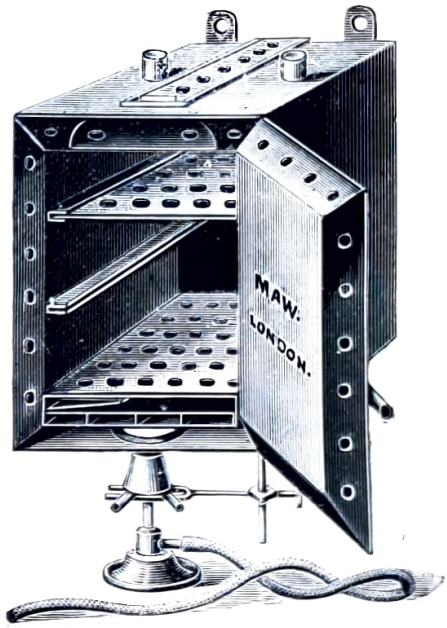
No.		*s.*	*d.*
5714	Alcohol, absolute, per 2 oz. bott.	1	0
5715	Aniline, blue, per 50 gm. ,,	0	10
5716	Bismark, brown, ,, ,,	0	8
5717	Borax, carmine, ,, ,,	0	8
5718	Canada Balsam, per 1 oz. ,,	0	8
5719	Do. do. in xylol ,, ,,	1	0
5720	Carmalum (Mayer), per 50 gm. bott.	0	8
5721	Cedar Wood Oil, per 10 gm. ,,	0	8
5722	Ehrlich's Triple Stain for eosinophilus cells, per 25 gm. bott.	1	3
5723	Ehrlich's Triple Stain for neutrophilous granules, per 25 gm. bott.	0	10
5724	Eosin, aqueous 1%, per 50 gm. ,,	0	8
5725	Do. alcoholic, ,, ,,	0	8
5726	Ether ·730 ... per 8 oz. ,,	1	6
5727	Formalin ... ... per lb.	2	0
5728	Fuchsin Carbol, per 50 gm. bott.	0	8
5729	Gentian, violet, aqueous, per 50 gm. bott.	0	8
5730	Gibbes's Double Stain for Tubercle ... per 50 gm. bott.	1	6
5731	Glycerine, pure ... per 8 oz. bott.	1	4
5732	Hæmalaum (Mayer), per 50 gm. bott.	0	8
5733	Hæmatoxylin Acid, Ehrlich's, per 50 gm. bott.	1	0
5734	Hæmatoxylin, Weigert's 2 solutions, each, per 50 gm. bott.	0	9
5735	Jenner's Stain for Blood, per 50 gm. bott.	1	4
5736	Lœffler's Solution for flagellæ, 2 solutions, each, per 50 gm. botts.	1	3
5737	Methyl, violet, aqueous, per 50 gm. botts.	0	8
5738	Methylene, blue, acid, per 50 gm. bott.	0	9
5739	Methylene, blue, achaline, per 50 gm. bott.	0	8
5740	Methylene, blue, borax, per 50 gm. bott.	1	0
5741	Methylene, blue, carbol, per 50 gm. bott.	0	9
5742	Picric Acid Solution, per 100 gm. bott.	0	8
5743	Thionin Carbol, per 50 gm. bott.	1	0

Most of the above-mentioned Stains can be supplied in crystals instead of solutions, in 5 gm. bottles, at the same prices, but are obtained to order only.

Bacteriological Apparatus and Microscope Sundries—*continued.*

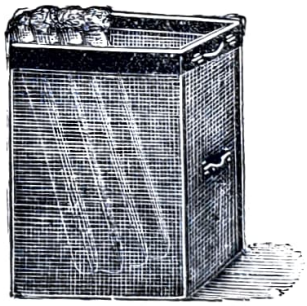


5744

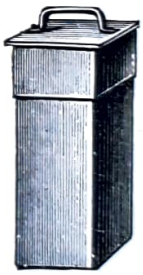


5745

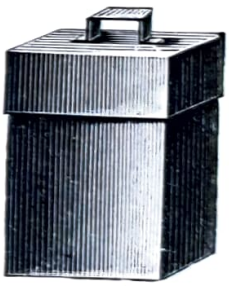
No.		£	s.	d.
	Sterilisers (hot air), with double walls, for Bacteriological Apparatus—			
5744	To stand on table, height of oven, 9½ in.; breadth, 7 in.; depth, 6½ in.	1	7	6
5745	To hang on wall, do. 11½ in.; do. 9 in.; do. 8 in.	2	5	0



5746



5747



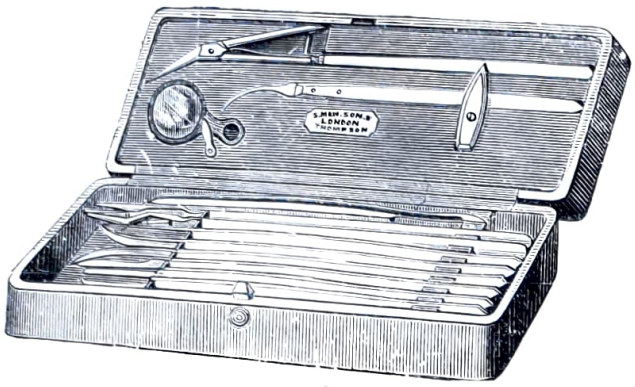
5748

5746	**Sterilising Baskets,** for test tubes, etc., wire, 7½ in. by 4¾ in. by 3¼ in. ...	0	3	0
5747	**Do. Boxes,** metal for pipettes	0	2	3
5748	**Do. do.** do. glass plates, etc., 6 in. by 4¾ in. by 2 in. ...	0	2	6

OSTEOLOGY, Etc.

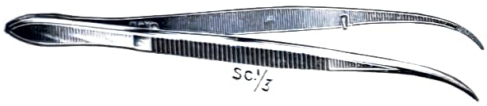
5749	**Foot,** complete, with bones strung on catgut	0	7	6
5750	**Hand,** do. do. do.	0	7	6
5751	**Mannikin,** for obstetric demonstrations, with natural skull	2	7	6
5752	**Pelvis,** female, with natural ligaments	1	11	6
5753	Do. do. without ligaments	0	17	6
5754	**Skeleton,** complete, articulated, with movable joints, best quality	8	0	0
5755	Do. do. do. fixed joints and natural ligaments on one side, and movable joints on the other, supported on stand for demonstration purposes	18	18	0
5756	Do. complete, disarticulated in box	4	10	0
5757	Do. half set, consisting of arm, hand, leg, foot, clavicle, ribs of one side os inominatum, sacrum, scapula, skull, sternum and spine, in box ...	2	8	0
5758	Do. half set, superior quality, with bones of hand, foot and spine strung on catgut, in box	3	0	0
5759	**Skull,** articulated, cut horizontally	1	16	0
5760	Do. do. cut vertically	1	17	6
5761	Do. disarticulated, finest specimens procurable...	2	10	0
5762	Do. fœtal, for use with pelvis, for obstetric demonstrations	0	12	6

DISSECTING AND BIOLOGICAL INSTRUMENTS.

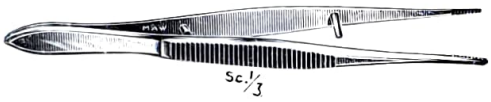


5763

No.		£	*s.*	*d.*
5763	**Biological Case,** leather-covered, 7 in. by 2½ in. by 1¼ in., containing 5 knives, 2 hooks, fine needle, spring forceps, fine pointed forceps, and spring scissors in ivory handles, with magnifying lens in horn mount ...	1	15	0
5764	Do. do. 6 in. by 2 in. by 1 in., containing 5 knives, spring forceps, and fine pointed scissors in ivory handles	0	14	0



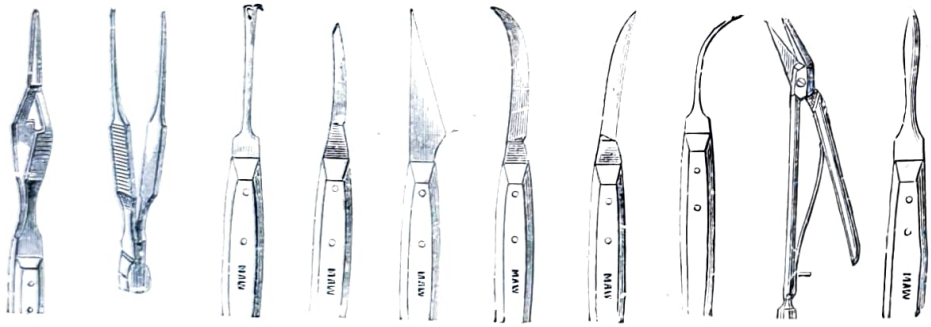
5765



5766

Biological Instruments—

5765	Forceps, fine pointed, curved, nickel plated	0	2	3
5766	Do. do. straight, nickel plated	0	2	3



5767 5768 5769 A B C D 5771 5772 5773

5770

5767	Forceps, cross action, nickel plated, in ivory handle	0	6	0
5768	Do. spring action, fine pointed, nickel plated, in ivory handle	0	4	6
5769	Hook, double, in ivory handle	0	1	6
5770	Knives, various patterns, A, B, C and D	0	1	6
5771	Needle, sharp-pointed	0	1	6
5772	Scissors, spring action, on ivory handle	0	6	9
5773	Spud, with blunt edges	0	1	6



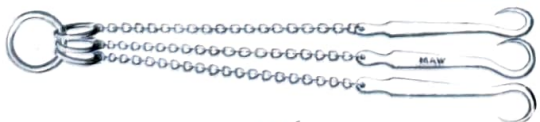
5774

5774	**Blow Pipe,** nickel plated, straight or curved	0	1	0



5775

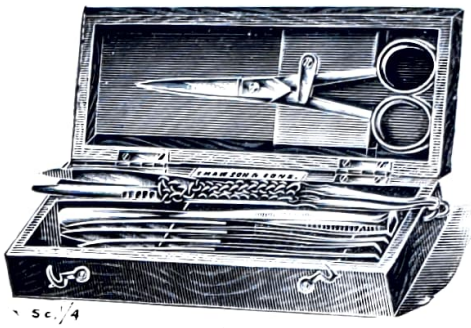
5775	**Bone Gouge,** for mastoid cells, etc., as used at St. Bartholomew's Hospital ...	0	4	6



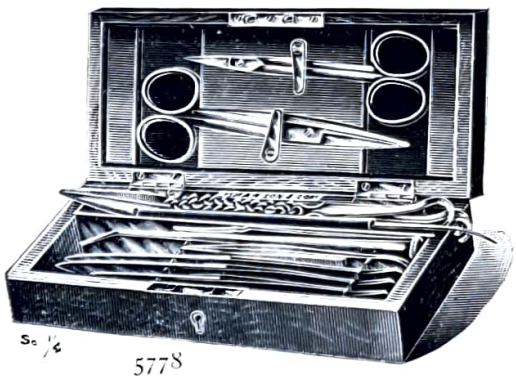
5776

5776	**Chain Hooks,** with ring ... ... per set of 3	0	1	6

Dissecting and Biological Instruments—*continued.*

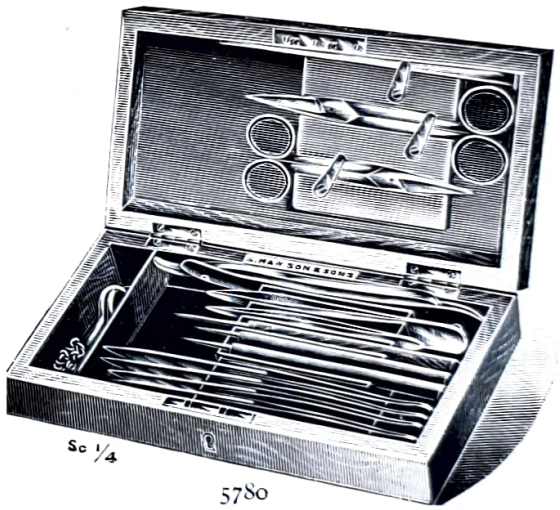


5777



5778

No.		£	s.	d.
	Dissecting Cases, mahogany—			
5777	"St. Bartholomew's Hospital" set, consisting of chain hooks, dissecting forceps (6 in.), bone gouge, 4 scalpels, and scissor (6 in.)	0	18	0
5778	"Cambridge" set, consisting of blow-pipe, chain hooks, dissecting forceps, fine-pointed forceps, microscope forceps, 3 scalpels, seeker, and 2 pairs scissors	0	17	6
5779	"Guy's" set, consisting of blow-pipe, chain-hooks, dissecting forceps, 4 scalpels, and scissors	0	14	0



5780

5780	"Middlesex Hospital" set, consisting of blow-pipe, chain hooks, dissecting forceps, fine pointed forceps, 3 mounted needles, razor, 4 scalpels, and 2 pairs scissors	1	5	0
5781	"King's College" set, consisting of blow-pipe, chain hooks, dissecting forceps, 6 scalpels, and scissors	0	15	0

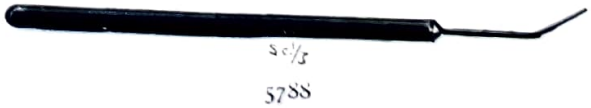


5782



5787

5782	**Dissecting Forceps,** stout, 2 sizes ... ... 5 in., 2/6; 6 in.	0	3	0
5783	**Needles,** mounted, in cedar handles ... ... per doz.	0	1	6
5784	**Scalpels,** ebony handles, best polished blades ... ... each	0	1	3
5785	Do. metal handles, best quality ... ... ,,	0	2	6
5786	Do. metal handles, common quality ... ... ,,	0	1	6
5787	**Scissors,** sharp pointed, open shanks, 2 sizes ... .. each, 5 in. 2/6; 6 in.	0	3	0



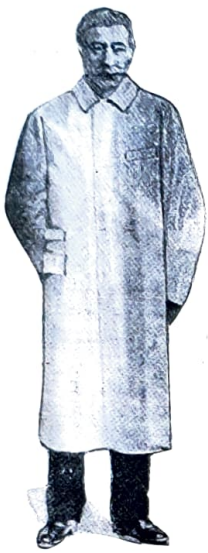
5788

5788	**Seekers,** in ebony handle, with brass mounts ... ... per doz.	0	3	6

POST MORTEM INSTRUMENTS, Etc.



5789



5791

No.	**Aprons, Coats, etc.—**	£	*s.*	*d.*
5789	Apron, with bib, linen	0	3	6
5790	Do. do. india-rubber	0	13	6
5791	Coat, white drill ... ... from	0	8	6
5792	Sleeves, india-rubber ... ... per pair	0	2	6

DIRECTIONS FOR MEASUREMENT.—Circumference of chest and pelvis ; length from centre of collar to bend of knee, and from shoulder to bend of elbow.



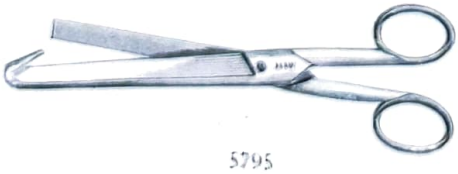
5793

5793 **Blow Pipe** 0 1 0



5794

5794 **Bone Cutting Forceps,** 9 in. 0 7 6



5795

5795 **Bowel Scissors,** 2 sizes ... ... 7 in., 6/9 ; 8 in. 0 7 6

Post Mortem Instruments, etc.—*continued.*



5796

No.		£ s. d.
5796	**Brain Knife,** with ebony handle ... 6 in. blade, 5/–; 7 in., 5/6; 10 in.	0 7 0



5797

5797	**Cartilage Knife,** with ebony handle, 2 sizes ... $3\frac{1}{4}$ in. blade, 4/–; $3\frac{3}{4}$ in.	0 4 6



5798



5799



5801



5800

5798	**Chain Hooks,** set of 3	0 1 6
	Chisels—	
5799	With cross handle, all steel	0 3 6
5800	With rectangular blade, all steel	0 3 6
5801	**Dissecting Forceps,** 2 sizes ... ... each 5 in., 2/6; 6 in.	0 3 0
	Gloves, India-rubber—	
5802	Long, thin rubber, with "velvet" surface, sizes, 6–9 ... ... per pair	0 2 9
5803	Do. stout do. white or grey, sizes 6–9 ... ... ,,	0 3 6
5804	Do. do. do. black, with gauntlets, sizes 6–9 ... ... ,,	0 10 6
5805	Short, thin do. sizes 6–9 ... ... ,,	0 2 6
5806	Black, with cloth lining, 4 sizes ... ... ,,	0 7 0

(*For illustrations of Gloves, see page 40.*)



5807



5810

Hammers, Mallets, etc. (*see also page 13*).—

5807	With ebony handle and large face	0 7 6
5808	With metal handle	0 6 6
5809	Large size, combined with hatchet	0 10 0
5810	Mallet, boxwood ... ... ½ lb., 2/–; 1 lb.	0 4 0

Post Mortem Instruments, etc.—*continued.*



5811

No.		£	s.	d.
5811	**Heart Cone,** vulcanite, graduated, for measuring the size of the orifices ...	0	9	0



5812



5813

Needles, in packets containing 6 assorted sizes—

5812	Straight	per doz.	0	3	0
5813	Curved or half curved	,,	0	3	0



5814

5814	**Rib Shears**	0	9	6



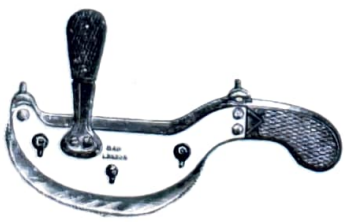
5815



5816



5817



5818

Retractors—

5815	Double hook, with metal handle	0	5	6
5816	Double ended, metal	0	2	6

Saws—

5817	Ordinary pattern, with plain ebony handle	0	13	6
5818	Spine saw, double bladed	1	1	0

Scalpels—

5819	Ebony handle, best polished blade	0	1	6
5820	Steel handle, solid forged	0	2	6

Post Mortem Instruments, etc.—*continued.*



5821



5825



5822

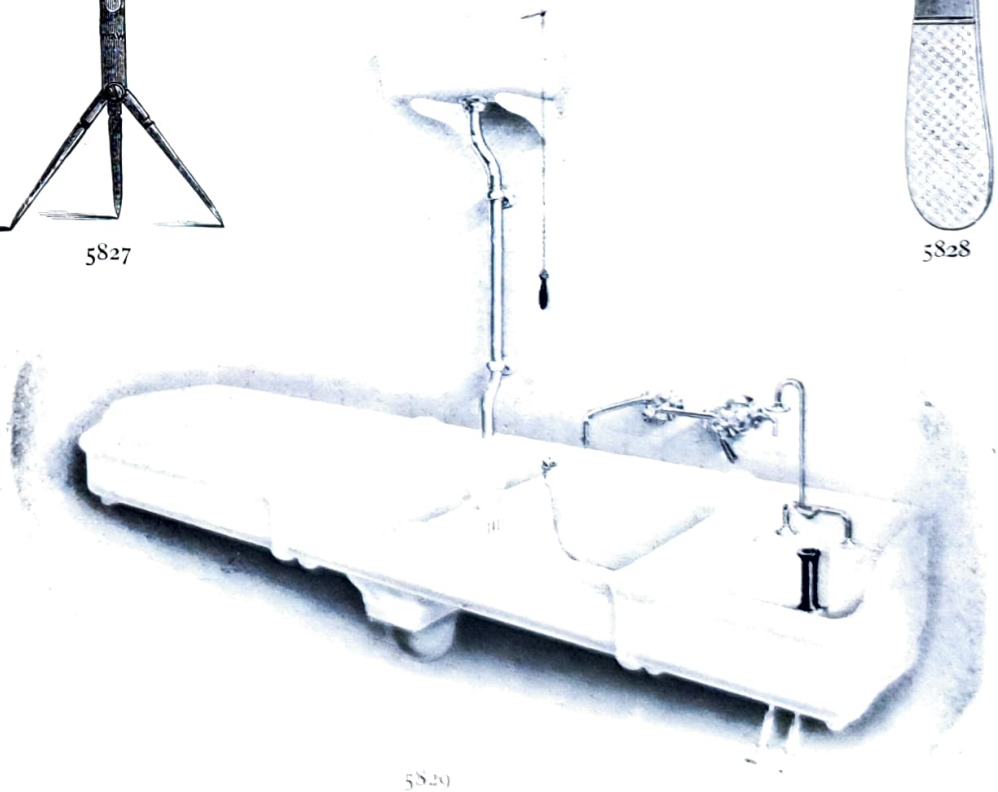
No.		*£*	*s.*	*d.*
	Scissors—			
5821	Fine pointed, 2 sizes ... ... 5 in., 2/6; 6 in.	0	3	0
5822	Stout pointed, 2 sizes ... ... 6 in., 3/–; 7 in.	0	4	0
5823	Ball pointed, 7 in.	0	5	6
5824	Do. fine, for arteries, etc., 6 in.	0	4	6
5825	**Skull Coronet,** nickel plated	1	4	0
	Skull Rests—			
5826	Double, folding	0	4	0
5827	Tripod, adjustable, nickel plated	0	18	0
5828	**Spine Wrench**	0	4	6



5827



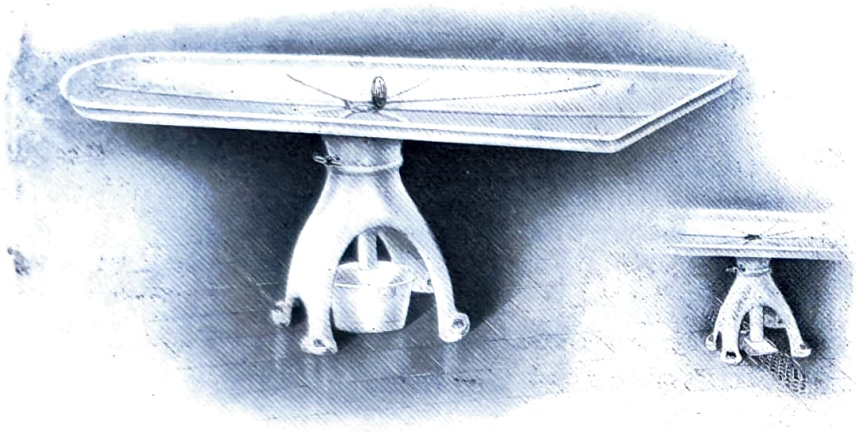
5828



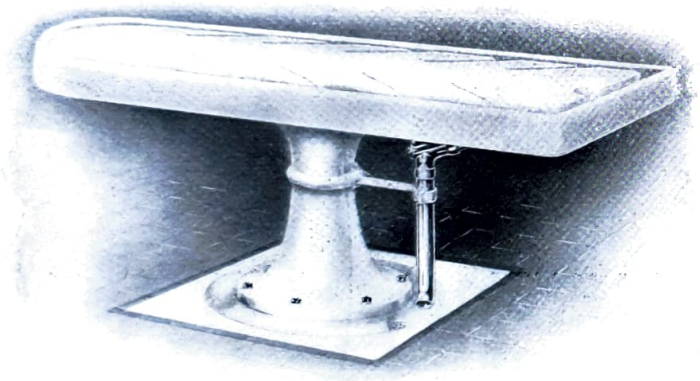
5829

5829 **Mortuary Sink, Lavatory and Drainer,** combined, of white glazed fireclay, length 10 ft. The lavatory is fitted with treadle valves for hot and cold water, spray, and vulcanite removable standing waste and overflow; the wash-up sink is fitted with combined hot and cold lever valve, and the slop sink is flushed by a 3-gallon white vitreous enamelled cast-iron cistern, with painted iron brackets, and brass chain pull. The sink is supported on painted cast-iron cantilevers 34 11 0

Post Mortem Instruments, etc.—*continued.*

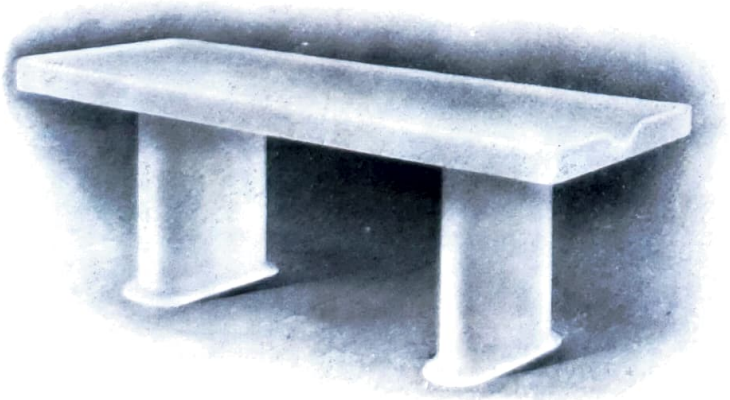


No.	**Post Mortem Tables**—*continued* 5830	£	s.	d.
5830	White Vitreous Enamelled Cast-iron Table, 80 in. by 31 in., fixed on cast-iron pedestal, with ball bearings and screw brake, and with vitreous enamelled waste pipe...	15	15	0
	The pipe can be carried to ground to discharge into a channel or gully, or be shortened to empty into a receptacle as shown.			



5831

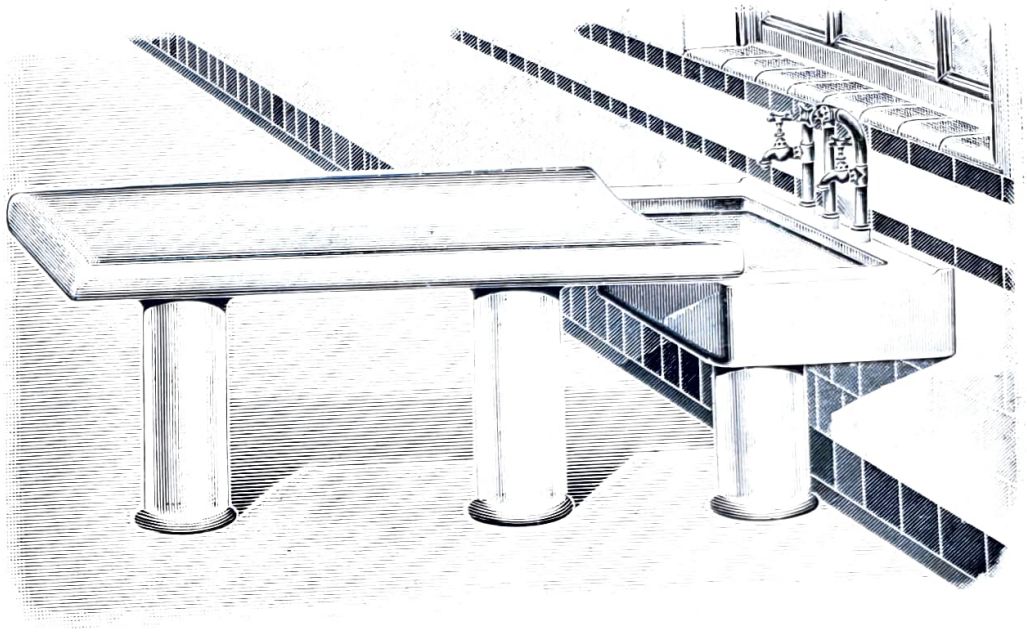
5831	White Glazed Fire-clay Table, 72 in. by 24 in., with side drainage channels, revolving on cast-iron pedestal, with ball bearings and screw brake, copper waste pipe and clip, and hinged grating	20	10	0
5831*a*	Do. do. with top 78 in. by 30 in.	24	11	0
	Channel, in one piece of white glazed fire-clay, extra	3	3	0



5832

5832	Strong White Glazed Fire-clay Dished Top, 72 in. by 24 in., fitted on two white glazed fire-clay pedestals	16	16	0

Post Mortem Instruments, etc.—*continued.*



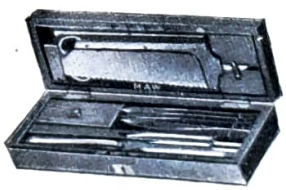
5833

No.

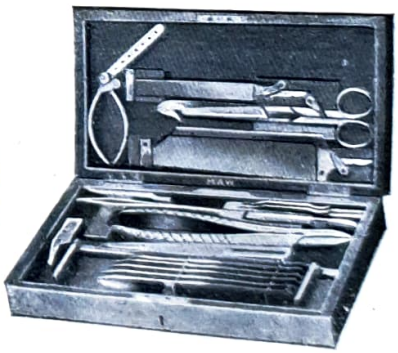
Post Mortem Tables—*continued.*

		£ s. d.
5833	White Glazed Fire-clay Table and Sink combined. The table has a fall towards the sink, and the sink is provided with flushing tap, hot and cold draw-off taps, mounted on copper pipes and brass grating; size of table, 72 in. by 24 in. ; sink, 24 in. by 18 in.	18 10 0

SETS OF POST MORTEM INSTRUMENTS.



5834



5836



5835

5834 **Set,** for General Practitioners, consisting of—

Blow Pipe	1	Chisel ...	1	Scissors, 5½ in.	1
Dissecting Forceps, 5 in....	1	Cartilage Knives	2	Scalpels	3
		Saw	1		

(Chisel, Cartilage Knives, Saw: fitting one handle)

In mahogany case, measuring 9½ ins. by 3 ins. by 1½ in., with lock and key ... 1 18 6

5835 **Set,** consisting of—

Blow Pipe	1	Cartilage Knives	2	Scalpels	2
Chain Hooks ... set	1	Chisel... ...	1	Scissors, 5½ in.	1
Dissecting Forceps, 6 in....	1	Saw	1	Skull Rest	1
Hammer, all steel... ...	1			Needles	6

(Cartilage Knives, Chisel, Saw: fitting one handle)

In polished oak case, measuring 9½ in. by 5½ in. by 1½ in., with lock and key ... 2 12 6

5836 **Set,** consisting of—

Blow Pipe	1	Brain Knife ...	1	Hammer, all steel ...	1
Bone Forceps, 9 in. ...	1	Cartilage Knives	2	Needles	6
Bowel Scissors, 5 in. ...	1	Chisel	1	Scalpels	6
Chain Hooks ... set	1	Saw	1	Scissors, 6 in.	1
				Skull Rest, Tripod ...	1

(Brain Knife, Cartilage Knives, Chisel, Saw: fitting one handle)

In polished oak case, measuring 12½in. by 6½ in. by 2 in., with lock and key ... 4 15 0

Sets of Post Mortem Instruments—*continued.*

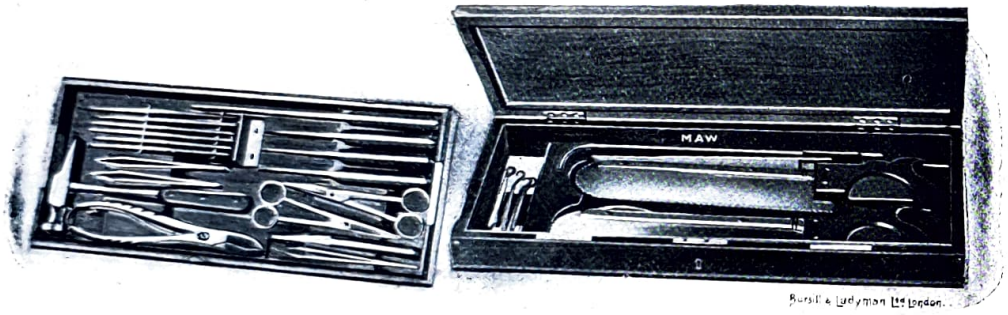


No. 5837

5837 **Set,** consisting of— *£ s. d.*

Blow Pipe	1	Chisel, with cross handle ...	1	Saw	1
Bone Forceps, 9 in. ...	1	Dissecting Forceps... ...	1	Scalpels	1
Brain Knife, 7 in. ...	1	Mallet, boxwood, ½ lb. ...	1	Scissors, 5½ in. ...	1
Cartilage Knives ...	2	Needles	6	Wrench	1
Chain Hooks ... set	1				

In polished mahogany case, 13 in. by 8 in. by 2½ in., with lock and key ... 3 10 0

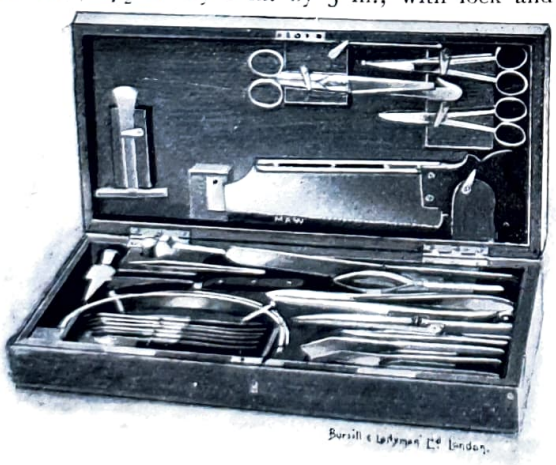


5838

5838 **Set,** consisting of—

Blow Pipe, 12 in. ...	1	Chisel, with cross handle ...	1	Saws, with round end	2
Bone Forceps, angular, 8 in.	1	Double Hook	1	Scalpels	6
Bowel Scissors, 7 in. ...	1	Dissecting Forceps, 6 in. ...	3	Scissors, 6 in.... ...	2
Brain Knife, 7 in. ...	1	Hammer, with large steel head	1	Skull Elevator ...	1
Cartilage Knives ...	3	Needles	6	Spatula, bone, 10 in.	1
Chain Hooks ... set	1			Tripod	1

In polished oak case, 17½ in. by 8 in. by 3 in., with lock and key 7 10 0



5839

5839 **Set,** consisting of—

Blow Pipe	1	Chain Hooks ... set	1	Saw	1
Bone Forceps, 9 in. ...	1	Chisel, with cross handle ...	1	Scalpels	6
Bowel Scissors, 8 in. ...	1	Dissecting Forceps, 6 in. ...	2	Scissors, sharp, 6 in.	1
Ball-pointed Scissors, 6 in.	1	Gouge	1	Skull Coronet ...	1
Brain Knife, 7 in. ...	1	Hammer, with large steel head	1	Tripod	1
Cartilage Knives ...	3	Needles	6	Wrench	1

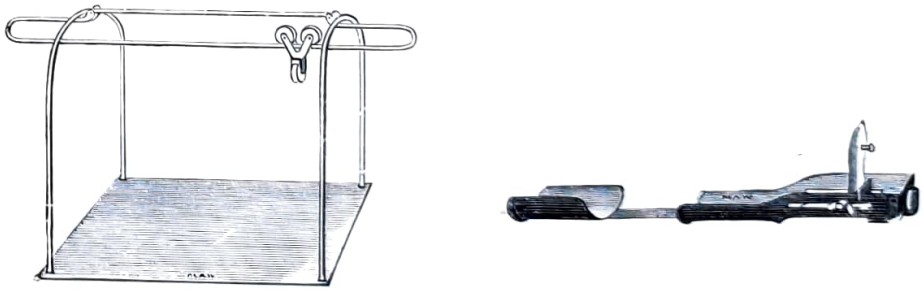
In polished oak case, 18 in. by 8½ in. by 3 in., with lock and key 7 7 0

DISLOCATION AND FRACTURE APPLIANCES.



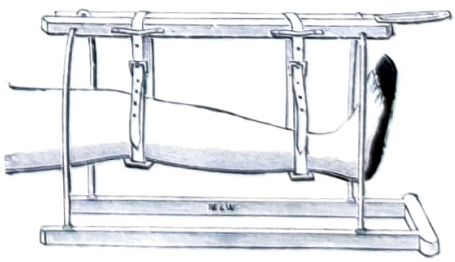
5840

No.	**Bed Cradles and Frames—**	£	s.	d.
5840	Bloxam's, with rollers, etc., white enamelled	1	10	0
5841	Do. do. with Neville's splint and straps complete	2	2	0



5842

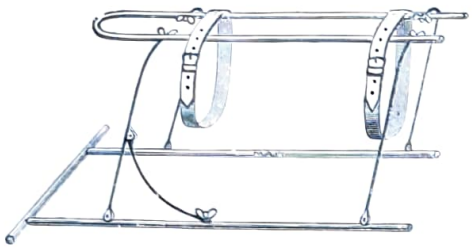
5842	Howse's, complete with splint, for excision of knee	2	8	0
5843	Do. without splint	1	10	0



5844

5844	Lawrence's, for suspension, with Neville's splint and straps complete ...	1	5	0
5845	Do. without splint and straps	0	12	6
5846	Do. improved pattern, made to fold up when not in use	0	18	0

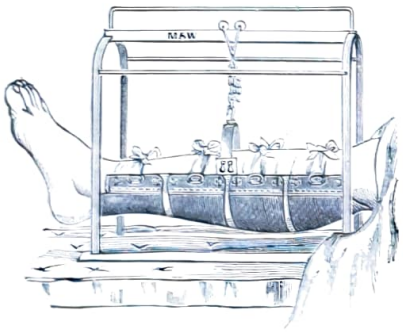
Dislocation and Fracture Appliances—*continued.*



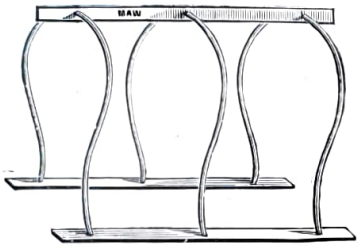


5847

No.	**Bed Cradles and Frames**—*continued.*	£	*s.*	*a.*
5847	Paget's, white japanned, with splint and straps complete	2	2	0
5848	Do. do. without splint and straps	1	6	0



5849



5854

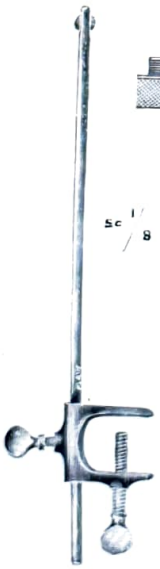
5849	Salter's, portable, to take to pieces, white enamelled	1	7	6
5850	Do. do. without sling	0	17	6
5851	Do. do. complete with splints, in box	3	7	6
5852	Wire and wood, for protecting limb from pressure of bed clothes, 3 sizes, 24 in. by 16 in., 20 in. by 14 in. and 16 in. by 12 in. ... ... each	0	5	6
5853	Do. do. extra wide, for body, 24 in. by 21 in. ... ... ,,	0	8	3
5854	Wrought iron, enamelled white, 3 sizes, 24 in. by 16 in., 20 in. by 14 in., and 16 in. by 12 in. ... ... each	0	7	6
5855	Do. do. extra wide, for body, 24 in. by 21 in. ... ... ,,	0	12	6



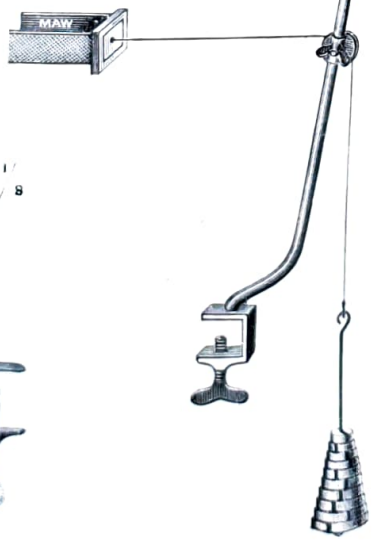
5856



5857



5858

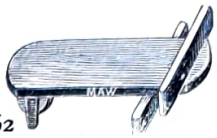


5859

Extension Apparatus—

5856	St. Bartholomew's Hospital pattern, consisting of wood upright with roller, tin canister, and clamp for fixing to bed	0	14	6
5857	Johnson Smith's, white enamelled, with clamp and fixing screws, etc. ...	1	1	0
5858	MAW's adaptable, white enamelled	0	9	6
5859	Middlesex Hospital pattern, with stirrup and weights complete	1	7	0
5860	Shot canister, graduated, to hold 14 lbs. of shot	0	3	0
5861	Shot ... ... per lb.	0	0	6

Dislocation and Fracture Appliances—*continued.*



5862

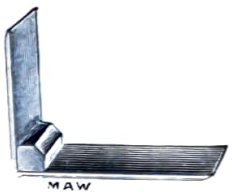


5863

No.		£	*s.*	*d.*
	Extension Apparatus, for use on Children's Cots—			
5862	Self-holding...	0	5	9
5863	To fix with screw	0	6	9

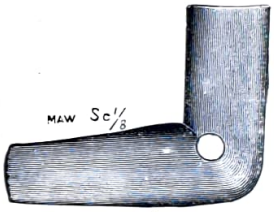


5864

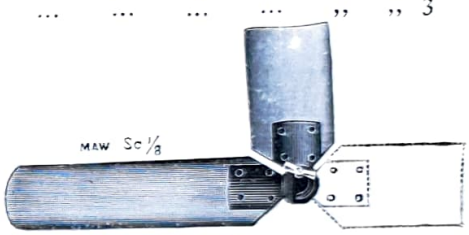


5866

	Arm Splints, angular, wood—													
5864	Anterior, concave on under surface	...	...	...	...	per set of 3	0	6	0
5865	Do. do. padded	...	...	...	...	...	,,	,,	3	0	9	0
5866	Do. flat on under surface	...	...	...	...	...	,,	,,	3	0	3	0
5867	Do. do. padded	...	...	...	...	...	,,	,,	3	0	6	0

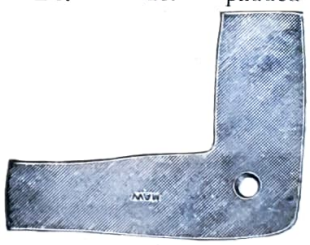


5868



5870

5868	Lateral, concave on inner surface, in sets of 6, *i.e.*, 3 sizes for right arm and 3 for left arm	...	...	...	...	...	...	per set	0	12	0
5869	Do. do. padded	...	...	...	...	...	...	,,	0	17	6
5870	Do. do. with circular joint and fixing screw to fix at any angle, suitable for either arm	...	...	...	...	...	...	per set of 3	0	13	6
5871	Do. do. padded	...	...	...	...	...	...	,,	,,	3	0	16	6

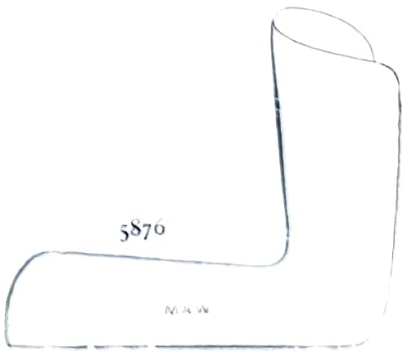


5872

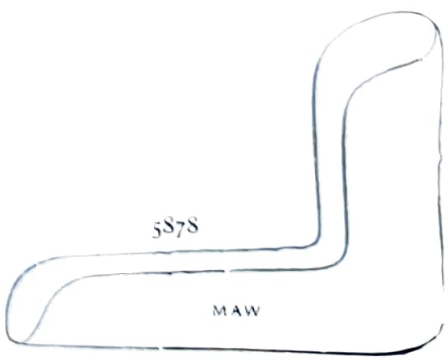


5874

5872	Lateral, flat, with hole at elbow for condyle of humerus	...	...	per set of 3	0	2	6
5873	Do. do. do. padded	...	...	...	...	,,	,,	3	0	7	6
5874	Do. do. extra long for wrist and hand	...	...	...	...	,,	,,	3	0	2	6
5875	Do. do. do. padded	...	...	...	...	,,	,,	3	0	7	6



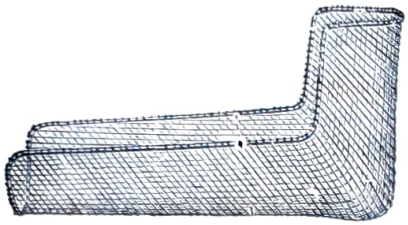
5876



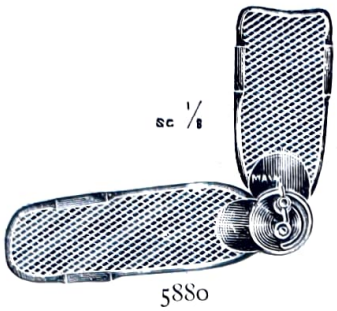
5878

	Arm Splints, angular, poro-plastic felt—													
5876	Anterior, large, medium or small	...	...	...	...	...	each	0	2	6
5877	Lateral, large, medium or small ...	...	...	...	...	...	...	,,	0	2	3
5878	Posterior, large, medium or small	...	...	...	...	...	,,	0	2	6

Dislocation and Fracture Appliances—*continued.*



5879

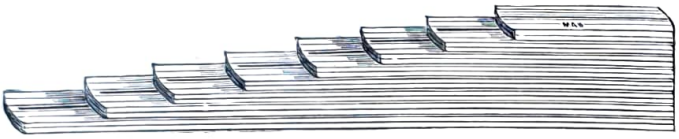


5880

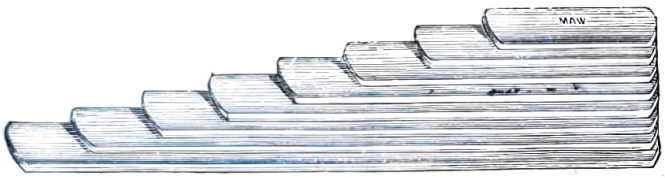
No.		*£*	*s.*	*d.*
5879	**Arm Splint,** angular, wire gauze (Bonnett's)	0	5	6
5880	**Arm Splints,** angular, zinc, with circular joint and fixing screw, suitable for either arm ... ... per set of 3 pairs	1	2	6



5881



5883



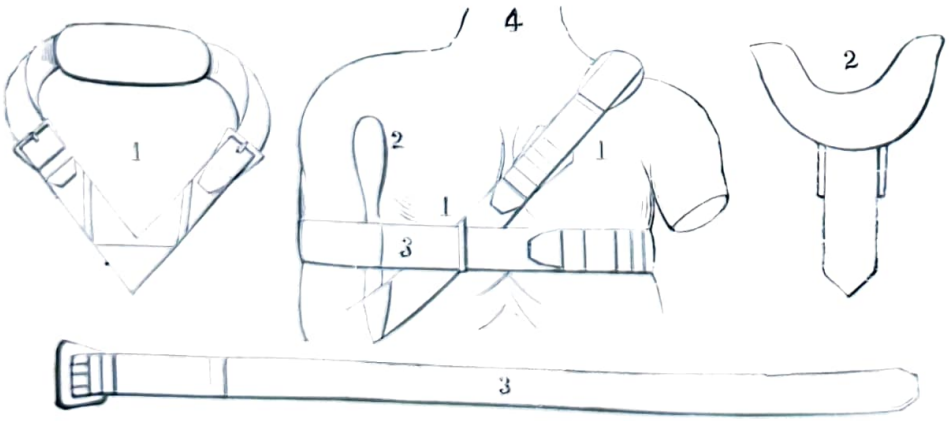
5886



5887

Arm Splints, straight—

5881	Cline's, wood, complete with straps, in sets of 3 sizes ... ... per set	0	5	3
5882	Do. do. padded ... ... ,,	0	9	0
5883	Gooch's, scored wood, lined with American cloth, in sets of 8 pairs ... ,,	0	2	6
5884	Perforated zinc, hollowed, in sets of 6 pairs ... ... ,,	0	12	0
5885	Plain wood, flat, in sets of 8 pairs ... ... ,,	0	2	6
5886	Potts's, hollowed, in sets of 8 pairs ... ... ,,	0	5	0
5887	Rattan cane, in sets of 6 pairs ... ... ,,	0	6	9
5888	Do. do., with slot for jointing together ... ... per set of 2 pairs	0	6	9

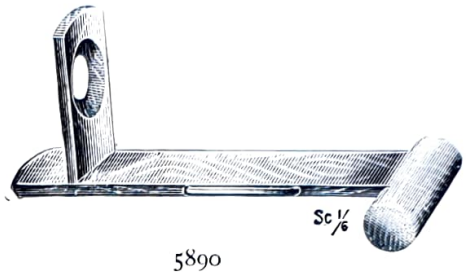


5889

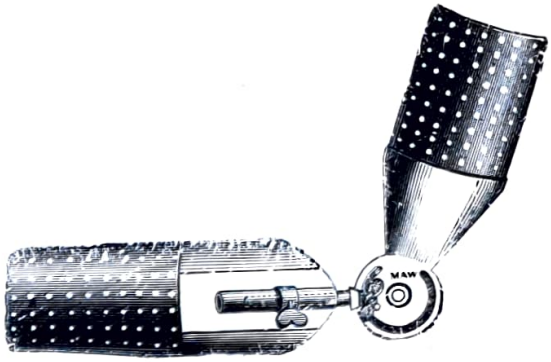
Clavicle Splints and Apparatus—

5889	Ellis's, consisting of 3 pieces, viz.: shoulder strap (1), axilla pad (2), and arm strap (3)	0	16	0

Dislocation and Fracture Appliances—*continued.*

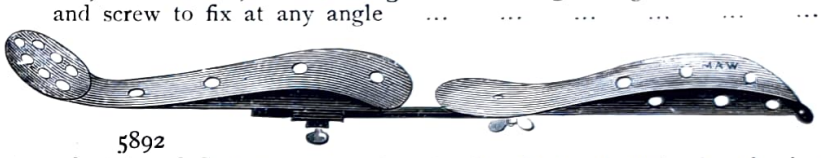


5890



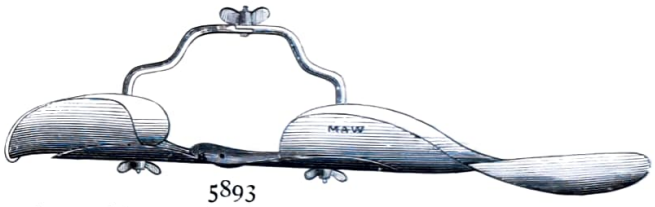
5891

No.		*£*	*s.*	*d.*
	Clavicle Splints—*continued.*			
5890	Mouat Biggs's, children's or adults', in sets of 3 ... ... per set	0	9	0
	Elbow Splints—			
5891	Mason's, for excision, with arrangement for lengthening and shortening and screw to fix at any angle	0	10	6



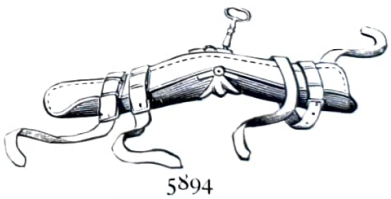
5892

5892	Mason's Internal Splint, for excision, fitted with hand plate, lengthening bar, and circular joint	0	13	0



5893

5893	Lateral, for excision, with anterior connecting bar	1	0	0



5894

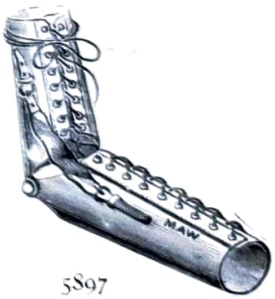


5895

5894	Rack action, iron, for extension, with pads and straps	0	19	0
5895	Screw adjustment, wood, for extension	0	8	0



5896



5897

5896	Winchester's	0	10	0
5897	Moulded leather, for use after excision	1	7	0



5899



5900

	Finger Splints—			
5898	Tin, with palm plate ... ... per doz.	0	3	6
5899	Wood, concave ... ... ,,	0	2	0
5900	Zinc, perforated ... ... ,,	0	5	6

Dislocation and Fracture Appliances—*continued.*

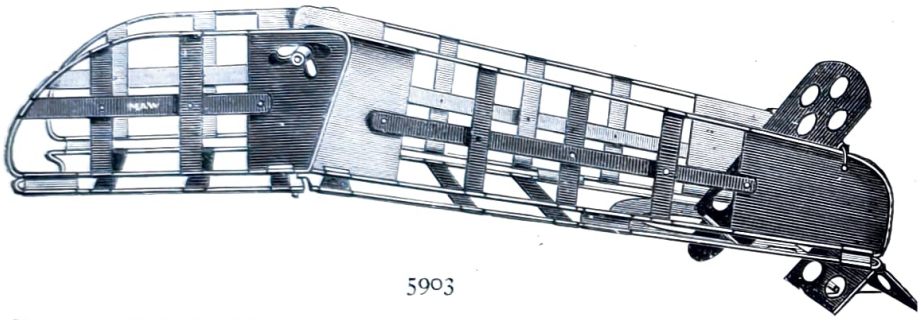


5901



5902

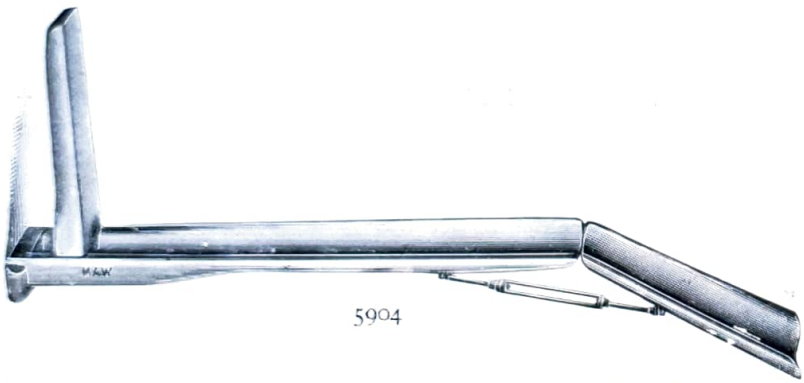
No.	**Jaw Splints**—	£	*s.*	*d.*
5901	Leather, padded, with straps and buckles complete...	0	16	0
5902	Poro-plastic felt, moulded	0	1	6



5903

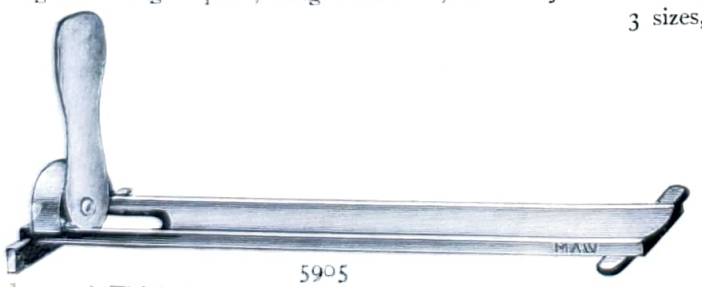
Leg and Thigh Splints—

5903	Army Box Splint, made in sections, to fold into a small space	1	15	0



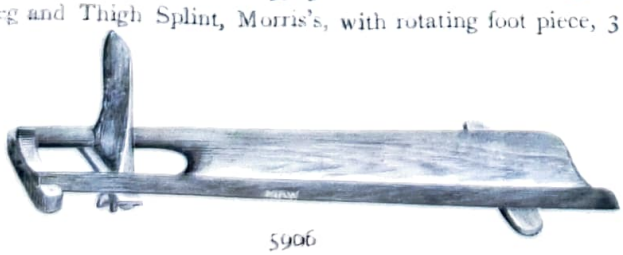
5904

5904	Back Leg and Thigh Splint, hinged at knee, with adjustable foot piece, 3 sizes, each	0	12	6



5905

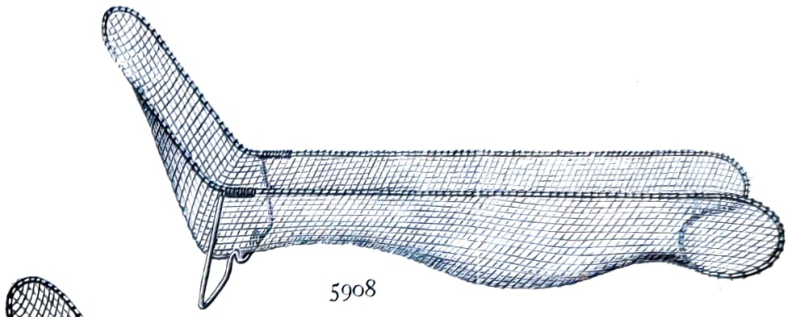
5905	Back Leg and Thigh Splint, Morris's, with rotating foot piece, 3 sizes, each	0	10	0



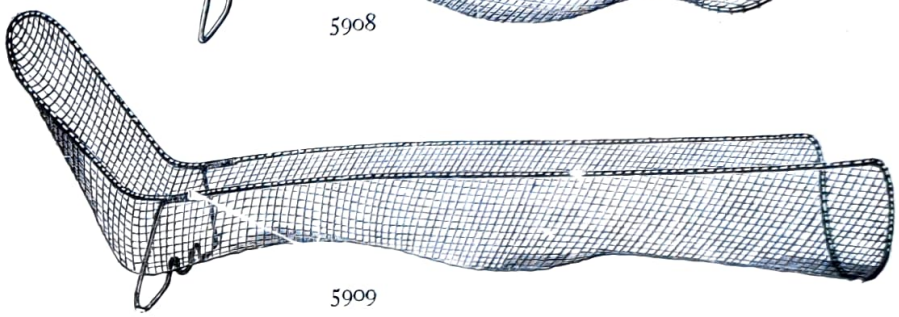
5906

5906	Back Leg Splint, with adjustable foot piece, 3 sizes ... ... each	0	6	0
5907	Do. do. padded	0	7	6

Dislocation and Fracture Appliances—*continued.*



5908



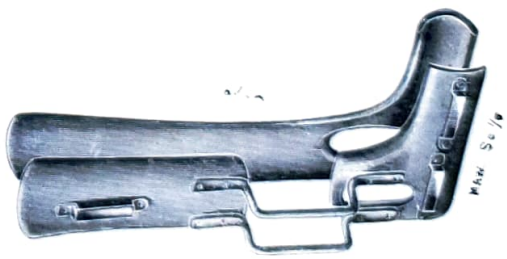
5909

No.	**Leg and Thigh Splints**—*continued.*	£	*s.*	*d*
5908	Bonnett's, wire gauze, for leg	0	9	6
5909	Do. do. for leg and thigh	0	11	6



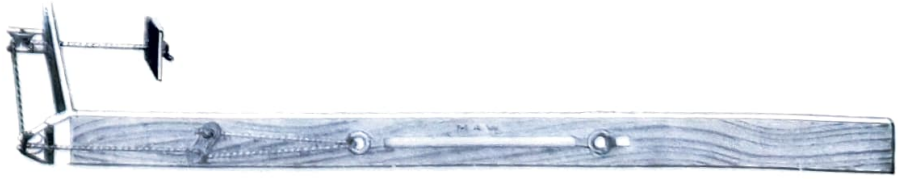
5910

5910	Bryant's double, for fractured femur or hip joint disease	from	2	10	0
5911	Do. do. do. padded ... ,,	2	13	6



5912

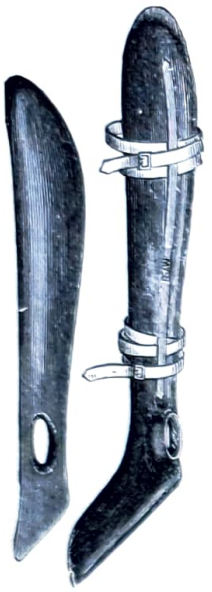
5912	Bryant's, with interruption for compound fracture of Tibia, right or left, 3 sizes, each	0	9	0
5913	Do. do. padded ... ... ,,	0	10	6



5914

5914	Campbell de Morgan's, for fracture of femur or hip joint disease... ...	0	10	9
5915	Do. do. padded	0	12	6

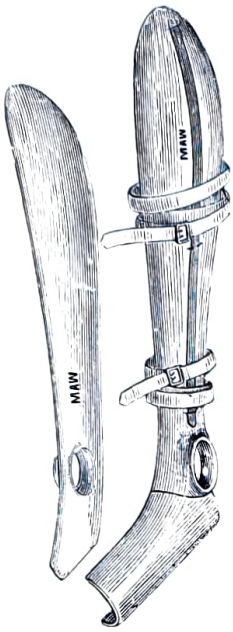
Dislocation and Fracture Appliances—*continued.*



5917



5919



5921

No.	**Leg and Thigh Splints**—*continued.*	£	*s.*	*d.*
5916	Cline's, aluminium, 3 sizes, right or left... ... ... each	1	17	6
5917	Do. iron, japanned, 3 sizes, right or left ... ... ,,	0	5	6
5918	Do. wire, 3 sizes, right or left... ... ... ,,	0	5	0
5919	Do. perforated zinc, 3 sizes, right or left ... ... ,,	0	5	6
5920	Do. poro-plastic felt, 3 do. do. ... ... ,,	0	3	6
5921	Do. wood, with raised ankles, in sets of 6 pairs ... ... per set	0	15	0
5922	Do. do. with flat ankles, do. 6 do. ... ... ,,	0	13	6

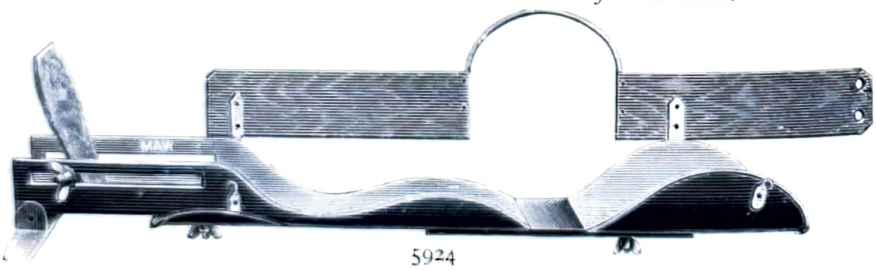
Any of the above can be supplied padded at an extra cost of 1/6 each.



5923

5923 Dupuytren's, 6 sizes ... ... per set 0 4 6

This Splint should be shown without the hole for the ankle.



5924

5924 Fergusson's Knee Splint, for use after excision 1 5 0

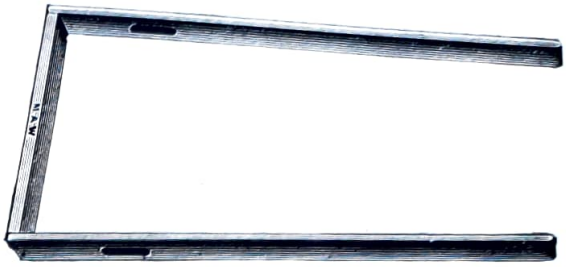


5925

5925 Guy's pattern, with rectangular foot pieces, suitable for either leg, in sets of 3 pairs ... ... per set 0 13 6

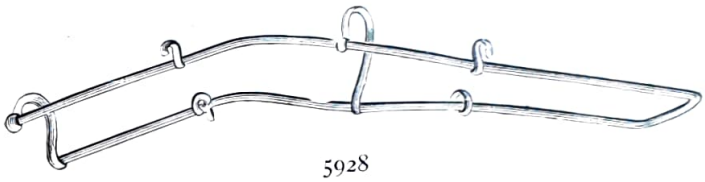
5926 Do. do. padded... ... ... each 0 5 6

Dislocation and Fracture Appliances—*continued.*

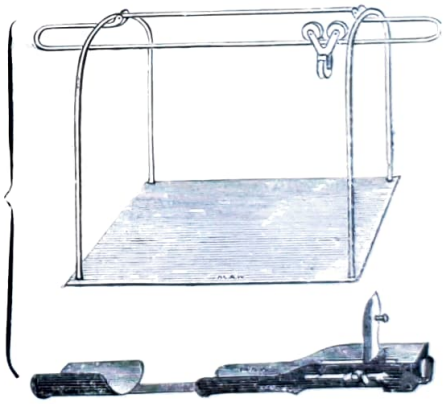


5927

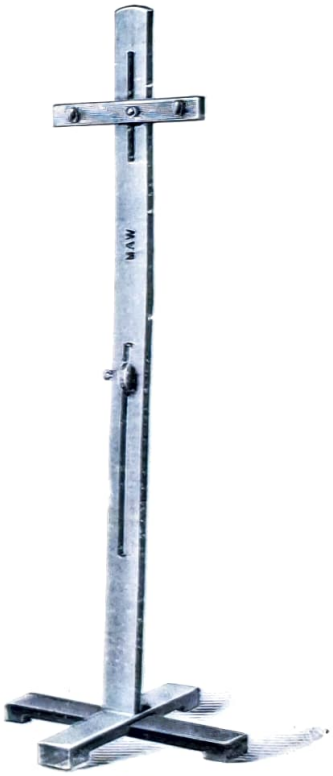
No.	**Leg and Thigh Splints**—*continued.*	£	s.	d.
5927	Hamilton's, for fracture of lower extremity in children, 3 sizes ... each	0	5	6



5928



5932



5930

5928	Hodgen's Wire Splint, right or left, for suspension of leg in semi-flexed position	0	7	6
5929	Cords and Pulleys, for use with above ... ... per set	0	6	0
5930	Upright and Stand for suspension of the limb ... ... each	0	12	0
5931	Nathan Smith's (anterior) modification of Hodgen's ... ... „	0	7	6
5932	Howse's, for excision of the knee or compound fracture, complete with cradle	2	8	0
5933	Do. without cradle	1	0	0



5934



5939

5934	Interrupted Splint, for leg and thigh, with adjustable foot piece	0	11	6
5935	Do. do. padded	0	13	0
5939	Knee Splint, wood, posterior, 3 sizes ... ... per set	0	9	0
5937	Lawrence's or Neville's, japanned iron, for suspension (see No. 5844) ...	0	10	6

Dislocation and Fracture Appliances—*continued.*



5938

No	Leg and Thigh Splints—*continued.*	£	s.	d.
5938	Liston's Long Outside Splint, for fracture of femur, in sets of 6 ... per set	0	7	6
5939	Do. do. padded ... ... each	0	2	6
5940	Do. do. oak, with brass slide joint in centre, as supplied to the Army Medical Department ... ... each	0	9	6



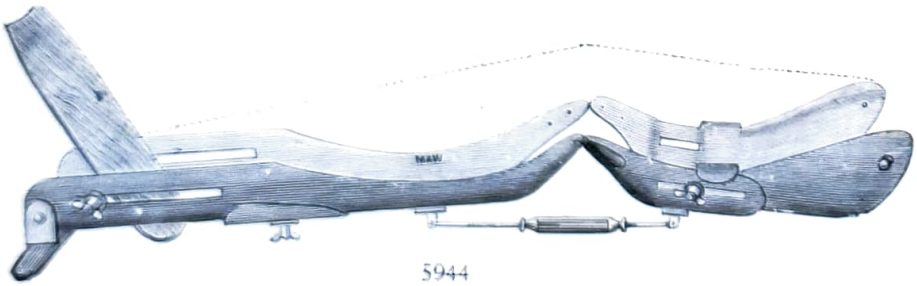
5941

5941	Liston's Long Outside Splint, with foot piece and transverse bar to prevent rotation, in sets of 6 ... ... per set	0	15	0
5942	Do. do. padded ... ... each	0	3	6



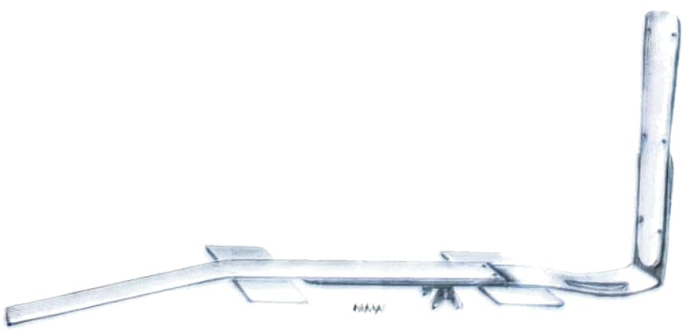
5943

5943	McIntyre's, japanned iron, with screw extension, 3 sizes	0	19	6



5944

5944	McIntyre's, japanned iron, with adjustable heel plate, and thigh piece to elongate	1	7	6



5945

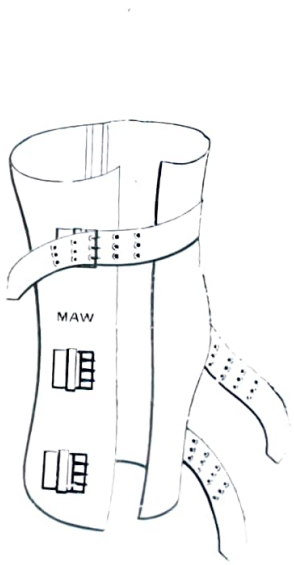
5945	Neville's Improved, adjustable to any size adult leg, with foot piece to fix at any angle	0	13	6

Dislocation and Fracture Appliances—*continued.*

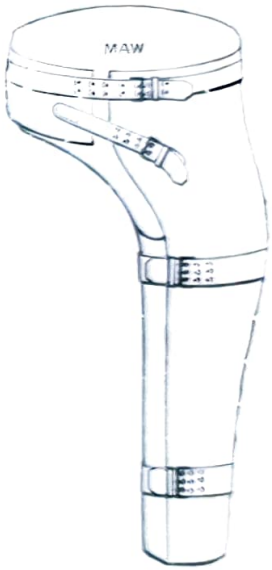


5946

No.	**Leg and Thigh Splints**—*continued.*	£	s.	d.
5946	Phelps's Box Splint, padded—a useful splint for small children	1	5	0



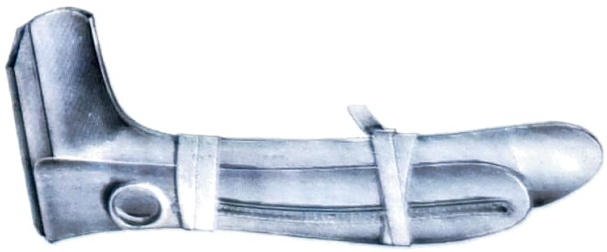




5947 5948 5949

5947	Poro-plastic Felt, for knee, with straps and buckles	from	0	12	6
5948	Do. do. for leg and foot	per pair	0	7	6
5949	Do. do. for thigh, with pelvic band, straps and buckles ...	from	1	0	0

Poro-plastic Felt Splints are made to order only, accurate measurements being required.



5950

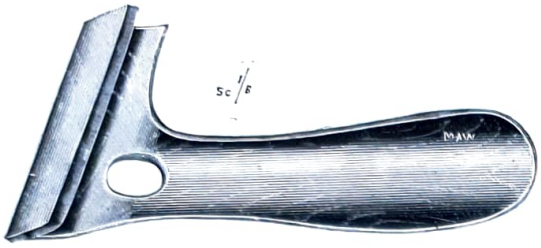
5950	Roughton's, with webbing straps, right or left, 3 sizes	each	0	4	0
5951	Do. do. padded	"	0	5	6



5954

5954	Screw Extension Splint, japanned iron, for knee		0	15	0

Dislocation and Fracture Appliances—*continued.*



5953

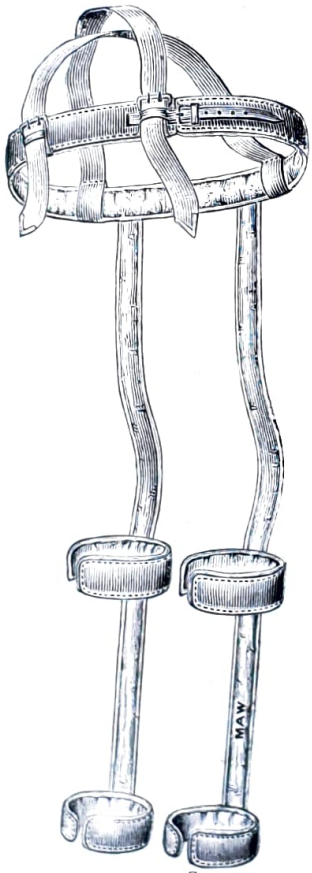
No.	**Leg and Thigh Splints**—*continued.*	£	s.	d.
5953	Scott's modification of Roughton's Splint, right or left, 4 sizes ... each	0	4	0
5954	Side Splints, wood ... ... per doz.	0	4	0



5955



5957



5958

5955	*Thomas's, single, for hip, leather-covered, with straps, etc.	1	2	6
5956	* Do. do. do. with patten	1	8	0
5957	* Do. do. modified by Collier, with perineal band for extension, and joint at hip to allow of extension in flexed position	1	11	6
		1	18	0
5958	*Thomas's, double, leather-covered, with straps, etc.			

DIRECTIONS FOR MEASUREMENT.—Circumferences of chest at nipple line, of thigh 2 in. below fold of buttock, and of leg 3 in. above malcolus. Length from nipple line to 2 in. below fold of buttock, and from 2 in. below fold of buttock to 3 in. above malcolus. State whether required for right or left side. If a patten is required send a boot belonging to the sound limb. If crutches are required send measurement from axilla to sole of foot on the sound side.



5959



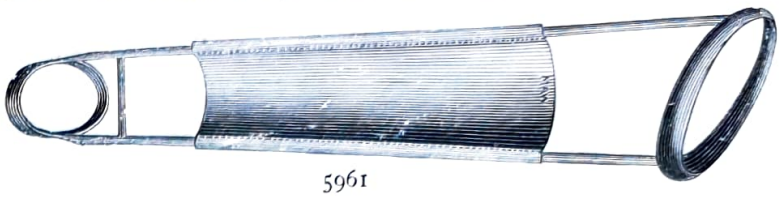
5960

Pattens, for use with Hip Splints—

5959	Cheyne Hospital model	0	5	6
5960	Thomas's	0	5	6

* Made to order only.

Dislocation and Fracture Appliances—*continued.*



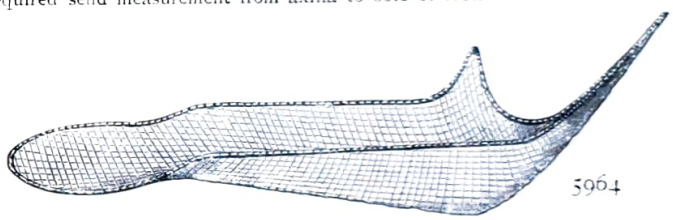
5961



5962

No.	**Leg and Thigh Splints**—*continued.*	£	*s.*	*d.*
5961	*Thomas's, for knee	1	2	0
5962	* Do. do. with adjustable foot plate	1	10	0
5963	Patten for above ... ... extra	0	5	6

DIRECTIONS FOR MEASUREMENT.—Circumferences of upper part of thigh and knee. Length from fork of leg to sole of foot. State whether required for right or left leg. If a patten is required send a boot belonging to the sound limb. If crutches are required send measurement from axilla to sole of foot.



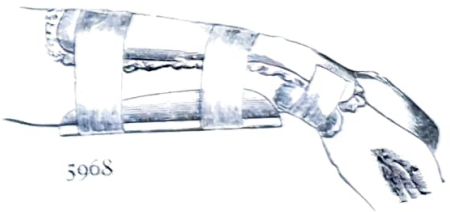
5964

Wrist and Hand Splints—

5964	Bonnett's, wire gauze, for forearm and wrist	0	6	6

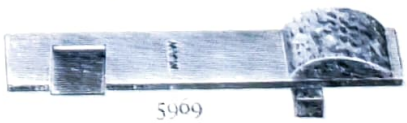


5965



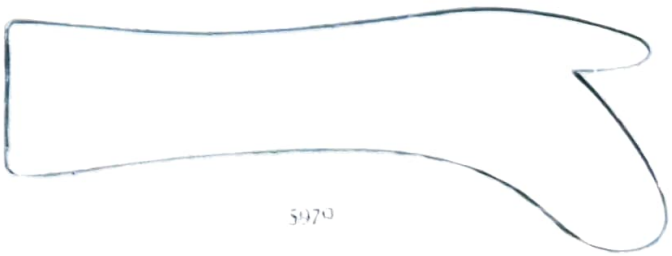
5968

5965	Carr's, right or left ... ... per set of 6	0	9	0
5966	Do. do. with pads and straps ... ... each	0	2	6
5967	Gordon's, right or left ... ... ,,	0	3	6
5968	Do. do. with pads and straps ... ... ,,	0	5	0



5969

5969	Lister's, with cork hand rest, for excision of wrist, 3 sizes, 13 in., 14½ in. and 16 in., right or left, each	0	3	6

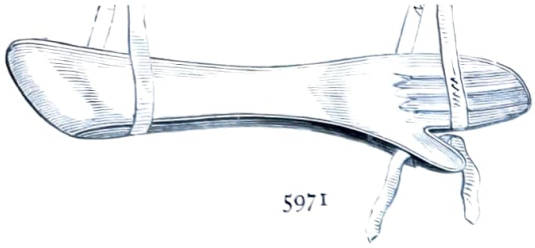


5970

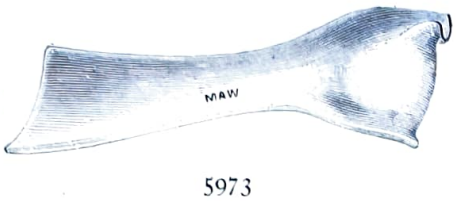
5970	Nelaton's, with thumb piece, 3 sizes ... ... per set	0	3	6

* Made to order only.

Dislocation and Fracture Appliances—*continued.*



5971



5973

No.	**Wrist and Hand Splints**—*continued.*	£	*s.*	*d.*
5971	Pemberton's, with hand piece, 3 sizes, right or left ... ... each	0	2	6
5972	Poro-plastic, with thumb piece, 3 sizes... ... ... ,,	0	2	6
5973	Watson's	0	4	6



5974

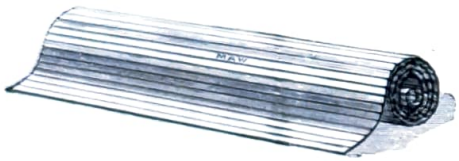


5975

5974	Wire for wrist	0	4	3
5975	Do. for hand	0	3	6

Splint Materials, etc.—

5976	Bandages "Crinoline," 6 yds. long, for use with plaster of Paris, per doz., 2½ in., 3/9; 3 in.	0	4	4
5977	Bavarian flannel ... ...per yd.	0	0	9



5978

5978	Gooch's "Kettle Holder" Splinting, in sheets, 24 by 18 ... per sheet	0	4	0
5979	Do. do. do. in sheets, 36 in. by 36 in. ... ,,	0	12	0
5980	Gutta-percha, ⅛ in. thick, two qualities... ... ... per lb. 4/6 and	0	5	6
	Leather, cut to sizes as required.			
5981	Millboard, in sheets, 24 by 19 in. ... ... per sheet	0	0	6
5982	Plaster of Paris, in tins, 4 sizes, per doz. 1 lb., 3/6; 3 lb., 7/6; 7 lb., 13/6; and 14 lb.	1	4	6
	Plaster of Paris Bandages, ready for use, in sealed tins—			
5983	Single tins containing one bandage ... per doz., 2½ in., 7/6; 3 in.	0	8	3
5984	Tins containing six bandages ... ... per tin, 2½ in., 3/8; 3 in.	0	4	1
5985	Tins containing twelve bandages ... ... ,, 2½ in., 7/3; 3 in.	0	8	0
5986	Poro-plastic, Felt, 3 qualities ... ... per lb. 4/6, 6/9 and	0	9	0
5987	Silicate of Potash, for bandages ... ... per quart	0	2	0

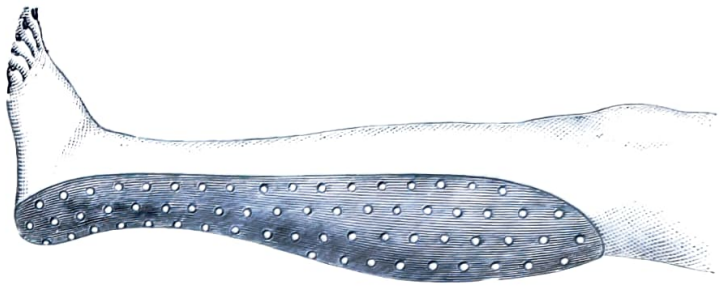


5988

Levis's Indestructible Metallic Splints, very light, and readily conformable by bending—

5988	Ankle Splint, external or internal, 2 sizes, adults' and children's ... each	0	4	0
5989	Ham Splint, 2 sizes, adults' and children's ... ... ,,	0	4	0

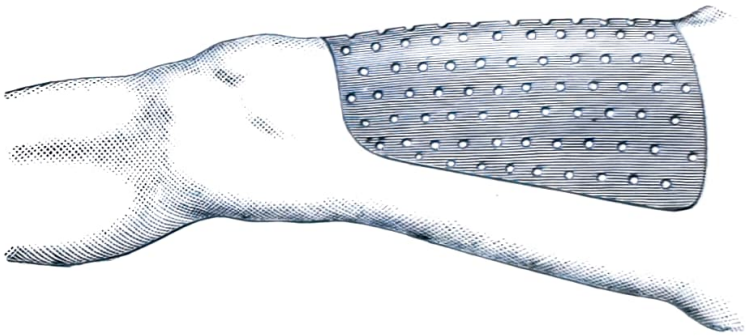
Dislocation and Fracture Appliances—*continued.*



5990

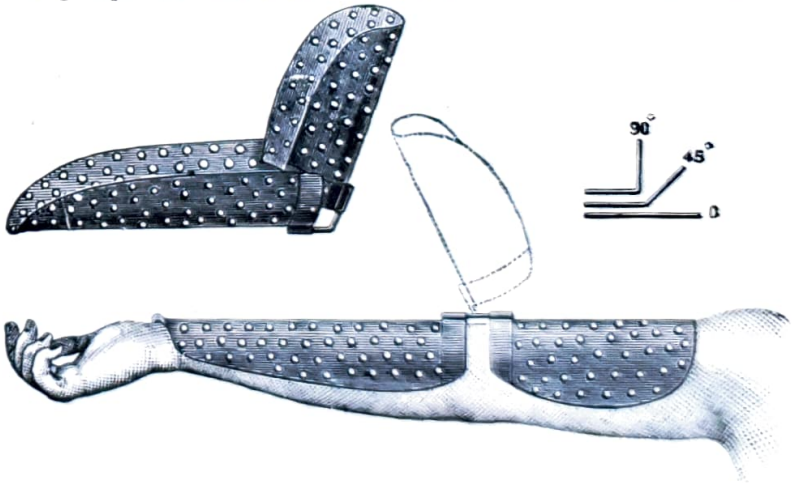
No. **Levis's Indestructible Metallic Splints**—*continued.* £ s. d

5990 Leg Splint, 2 sizes, adults' and children's ... . each 0 4 0



5991

5991 Thigh Splint, 2 sizes, adults' and children's ... ... each 0 2 0



5992

5992 Arm Splint, adjustable to any angle, can be applied either anteriorly or posteriorly, 2 sizes, adults' and childrens' ... ... each 0 6 0



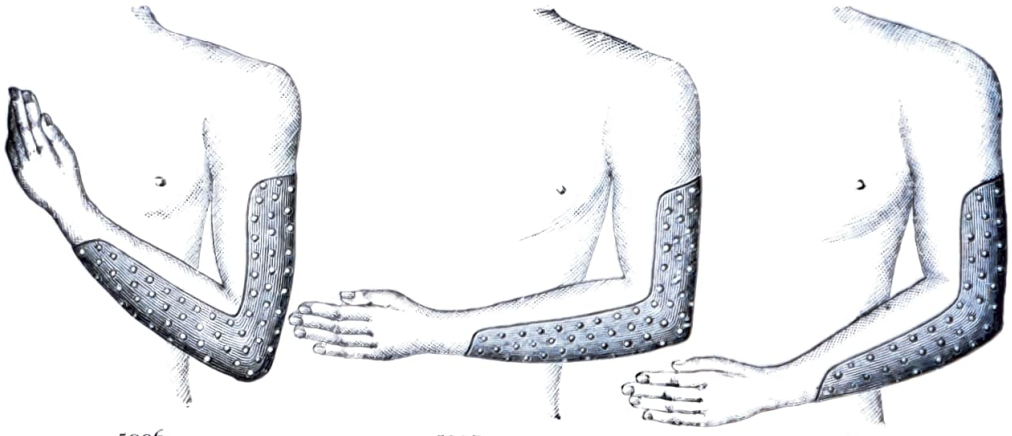
5993



5994

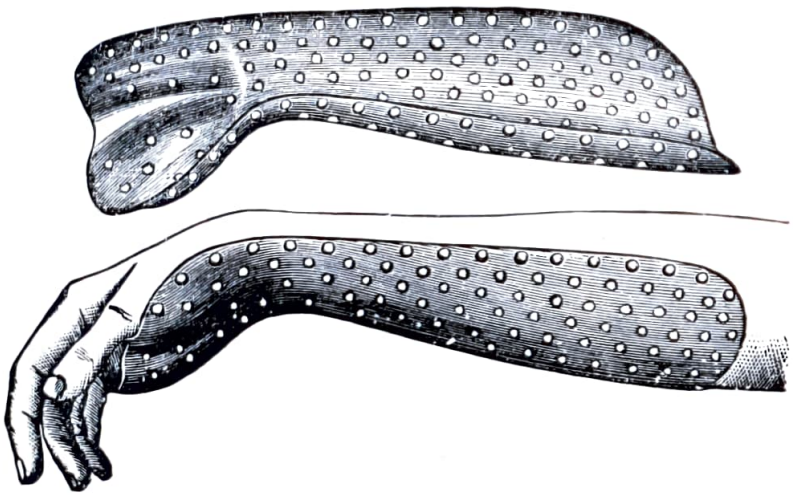
5993 Humerus Splint, 2 sizes, adults' and children's ... . each 0 2 0
5994 Finger or Toe Splint, 3 sizes ... ... per doz. 0 8 0
5995 Levis's set of Splints, 21 pieces, complete in box ... ...per set 3 0 0

Dislocation and Fracture Appliances—*continued.*



5996 5997 5998

No.	**Levis's Indestructible Metallic Splints**—*continued.*				*£*	*s.*	*d.*
5996	Elbow, acute angle, 2 sizes, adults' and children's			each	0	4	0
5997	Do. right angle, do. do.			,,	0	4	0
5998	Do. obtuse angle, do. do.			,,	0	4	0



5999

5999	Radius, right or left, 2 sizes, adults' and children's...	each	0	4	0



6000



6001

6000	Clavicle Splint, 2 sizes, adults' and children's	each	0	3	0
6001	Maxilla Splint, 2 do. do.	,,	0	3	0

SURGICAL AND ORTHOPÆDIC APPLIANCES, Etc.



6002



6003

No.		*£*	*s.*	*d.*
	Ankle Splints, for Tubercular Disease, etc.—			
6002	Leather support, with front lacing	1	2	6
6003	Do. do. with side lacing	1	7	6
6004	Poro-plastic felt support ... ... from	0	10	6



6005



6006

	Arm Slings—				
6005	Leather, with elbow, plain or patent leather ... ... each	0	12	0
6006	Do. without elbow, plain or patent leather ... ... ,,	0	7	6



6007



6008

6007	Leather, with slide to elongate, plain or patent leather ... ... each	0	14	0
6008	Wire gauze, covered with alpaca ... ... ,,	0	8	6



6009



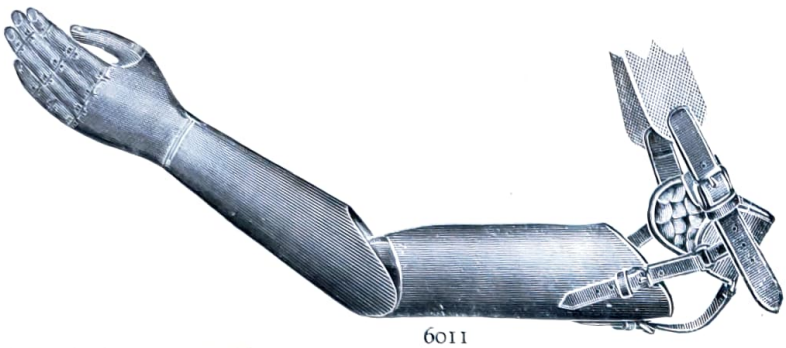
6010

	Artificial Hands—				
6009	For partial amputation ... ... from	3	10	0
6010	Do. do. ... ... ,,	2	10	0

(***For complete amputation, see Artificial Arms for Amputation below Elbow, pages 320 and 321.***)

A plaster cast of the stump is required in all cases before making a part-hand for partial amputation. Hands of this description are made with a view to rendering the deficiency less conspicuous, and are always worn under a glove. If of sufficient size, the hand is provided with a slot into which a knife or fork can be fitted.

Surgical and Orthopædic Appliances, etc.—*continued.*



6011

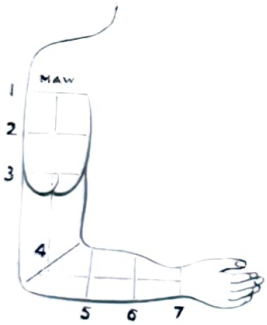
No. **Artificial Arms and Hands,** for Amputation above Elbow— £ s. d.

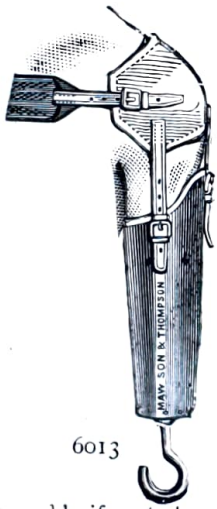
6011 Arm, with elbow joint, detachable articulated hand and rotating wrist plate, 2 qualities ... ... each, £10 10 0 and 13 10 0

The thumb of the above hand is kept in apposition to the first finger by means of a carefully adjusted spring, strong enough to hold a newspaper or light book. The palm of the hand is fitted with a steel socket into which various instruments for indoor use (Nos. 6023 to 6031) can be fitted, and, when the hand is removed, the socket in the wrist plate will be found capable of taking other implements of a stronger nature (Nos. 6032 to 6036) for outdoor work.



6012





6013

6012 Leather Socket, curved, for very short stump, fitted with ring, and knife or fork 2 7 6

6013 Leather socket, straight, for medium or long stump, fitted with hook, and knife or fork 2 2 0

DIRECTIONS FOR MEASUREMENT.

Circumference.—No. 1 at axilla, No. 2 at middle of stump, No. 3 at end of stump, and No. 4, No. 5, No. 6 and No. 7 on sound arm.

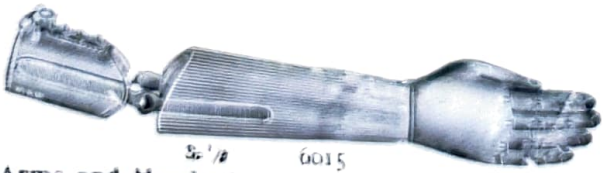
Length.—No. 1 to 3 from axilla to end of stump, No. 1 to 4 from axilla to centre of elbow on sound arm, and No. 4 to 7 from centre of elbow to wrist on sound arm.

State whether right or left arm is required. Send a tracing on paper of the sound hand with the fingers extended, and a glove for the artificial hand.

The measurements of the sound arm are not necessary in the case of a leather socket.



6014



6015

Artificial Arms and Hands, for Amputation below Elbow—

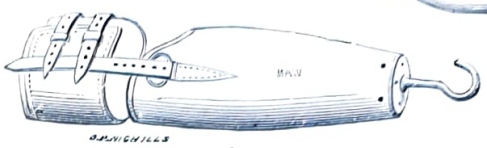
6014 Arm, with detachable articulated hand, and with lower arm attachment supported by straps, 2 qualities ... ... £8 and 10 15 0

6015 Arm, similar to No. 6014, but with lower arm attachment supported by steel joints instead of straps 10 0 0

Surgical and Orthopædic Appliances, etc.—*contd.*



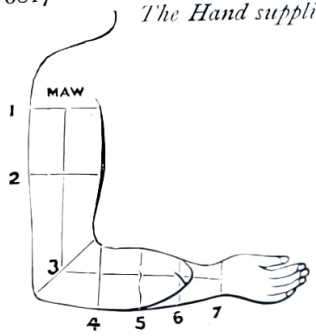
6016



6017

No.	**Artificial Arms and Hands,** for Amputation below Elbow—*continued.*	*£*	*s.*	*d.*
6016	Arm, with detachable articulated hand, rotating forearm, and steel joints at elbow	12	10	0
6017	Leather Socket with hook and knife or fork	2	0	0

The Hand supplied with No. 6016 is the same as that described under No. 6011.



DIRECTIONS FOR MEASUREMENT FOR AMPUTATION BELOW ELBOW.

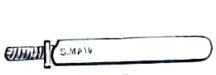
Circumference.—No. 1 at axilla, No. 2 at middle of arm, No. 3 at elbow, No. 4 below elbow, No. 5 at middle of stump, and No. 6 at end of stump.

Length.—No. 3 to 6 from centre of elbow to end of stump, and No. 3 to 7 from centre of elbow to wrist on sound arm.

Give a tracing on paper of the sound hand with the fingers extended, and send a glove for the artificial hand.

State whether right or left arm is required.

The measurements and particulars of the sound arm are not necessary in the case of a leather socket.



6018



6019



6022

Implements for use with Arm Sockets Nos. 6012, 6013 and 6017—

6018	Knife	0	3	0
6019	Fork	0	3	0
6020	Hook for Barrow, etc	0	7	6
6021	Do. for Bicycle	0	15	0
6022	Ring	0	6	6



6023



6024



6025



6026



6027



6028



6029



6030

Implements for use with Artificial Hands Nos. 6011 and 6016—

6023	Knife	0	10	6
6024	Fork	0	10	6
6025	Spoon	0	10	6
6026	Button Hooks	0	9	6
6027	Card Holder	1	1	0
6028	Driving Hooks	1	1	0
6029	Do. do. with spring	1	10	0
6030	Pen Holder	0	13	6
6031	Work Holder	1	7	0

Surgical and Orthopædic Appliances, etc.—*continued.*


6032


6034


6035


6036

Artificial Arms, etc.—*continued.*

Implements for use with Artificial Arms, Nos. 6011 and 6016, when hand is removed—

No.		*£*	*s.*	*d.*
6032	Book or Paper Holder	1	0	0
6033	Knife	0	8	0
6034	Fork	0	8	0
6035	Hook	0	12	6
6036	Ring	0	15	6


6037


6038


6039

6037 **Artificial Legs and Feet**, for Amputation above and through Knee.

Leg, with either wood or leather bucket (without foot) ... £10 10 0 or 15 15 0

This leg is recommended chiefly for a long stump. The knee consists of a ventro-lateral joint at the leg to walking are controlled by a strong catgut tendon running down the back of the leg and partially concealed by the calf piece which can be easily detached when the tendon requires adjustment. Strong blucher ankle joints. Average weight 4 lbs.

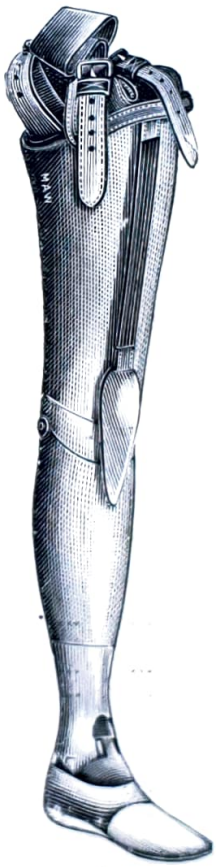
Surgical and Orthopædic Appliances, etc. *—continued.*

No.	**Artificial Legs and Feet,** for Amputation above and through Knee—*continued.*	£	s.	d.
6038	Leg for a very short stump with absence of controlling power, useful after Furneaux Jordan's amputation, 2 qualities ... ... £13 10 0 and	16	16	0

This leg is fitted with a broad pelvic waist band attached by means of a steel joint at the hip, which enables the bucket to be kept well up to the stump. The knee and ankle joints are controlled by a full length tendon.
Average weight, 5¾ lbs.

6039	Leg, with wood bucket and high knee joint, for medium short stump, 2 qualities ... ... £10 10 0 and	12	10	0

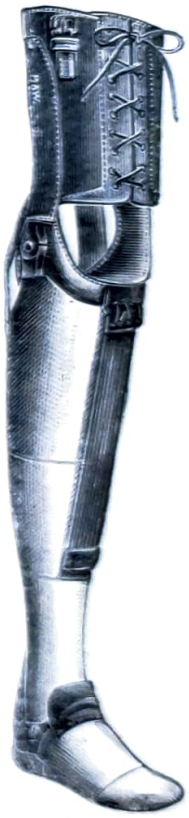
This leg is similar in construction and movements to No. 6037, but is made with a wood bucket, and is specially designed for a medium short stump, the knee joint being carried higher up than in No. 6037, so that a longer tendon can be used giving greater leverage and more personal control over the lower part of the leg.
Average weight, 4½ lbs.



6040



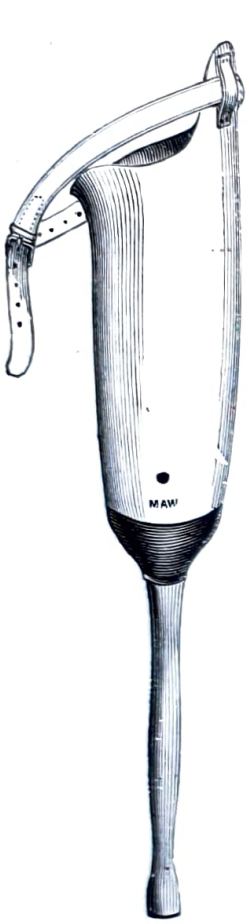
6041



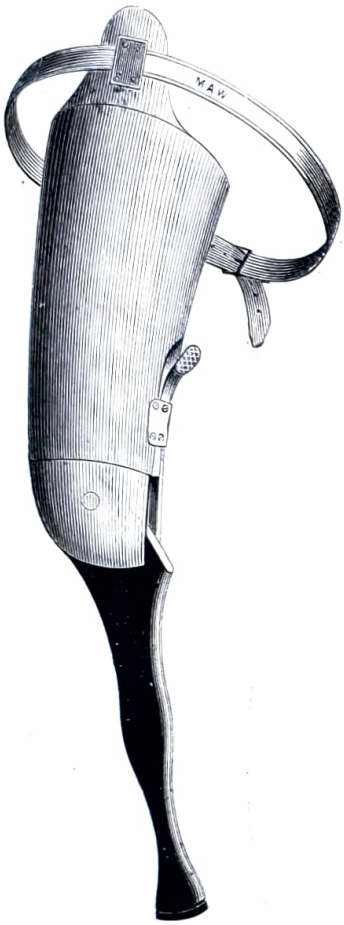
6042

6040	Leg, designed to meet the requirements of an operation through the knee joint. The knee joint is made up of a hollow block with improved American bolt-joints in steel, the ankle joint is the improved type of Anglesea joint. Average weight, 4½ lbs. Made in 3 qualities £10 10 0, £12 12 0 and	15	15	0
6041	Leg, with knee and ankle joints, made chiefly of willow wood. The upper part and calf pieces are hollowed out for the sake of lightness, and covered with basil skin: the ankle joint has a spring at the heel, but no tendon. A double shoulder-brace is provided. Average weight, about 5 lbs.	8	10	0
6042	Leg, made on the knee-pan principle, for amputation through the knee joint with the patella left and folded under the end of the stump. Much of the lifting power is obtained by means of a strong elastic spring attached to the front of the pan and carried down to the solid part of the fore leg. The ankle joint is a simplified Anglesea pattern with a light tendon connected to the calf bucket...	12	0	0

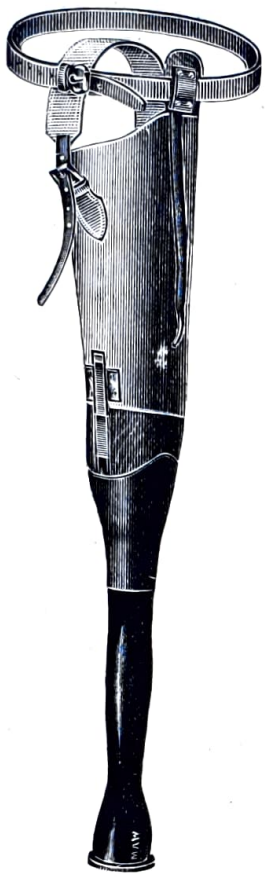
Surgical and Orthopædic Appliances, etc.—*continued.*



6043-4

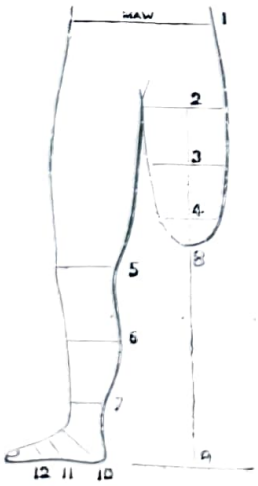


6045-6



6047-8

No.	**Artificial Legs,** for Amputation above Knee—*continued.*	£	*s.*	*d.*
6043	Peg Leg, with leather bucket, suitable for long or medium stump	2	2	0
6044	Do. with wood bucket do. do.	1	10	0
	Average weight, $2\frac{3}{4}$ lbs.			
6045	Peg Leg, with improved joint, spring catch and leather bucket	3	17	6
6046	Do. do. do. with wood bucket...	3	12	6
	Average weight, $3\frac{3}{4}$ lbs.			
6047	Peg Leg, with check back-stop to control joint at knee, which can be released by pulling the strap passing down the front of the leg ; with leather bucket	4	10	0
6048	Do. do. do. with wood bucket	4	0	0
	Average weight $3\frac{1}{2}$ lbs.			



DIRECTIONS FOR MEASUREMENT FOR AMPUTATION ABOVE KNEE.

Circumference—No. 1 of waist, No. 2 of thigh at fork transversely, No. 3 of middle thigh, No. 4 of end of stump, No. 5 of knee of sound limb, No. 6 of calf of sound limb, No. 7 of ankle of sound limb, No. 10 of heel of sound limb, No. 11 of instep of sound limb, No. 12 of joints of toes of sound limb.

Length—No. 2 to 8 from fork of legs to end of stump, No. 8 to 9 from end of stump to ground, No. 2 to 5 from fork of legs to centre of knee of sound leg, No. 5 to 11 from centre of knee of sound leg to ground.

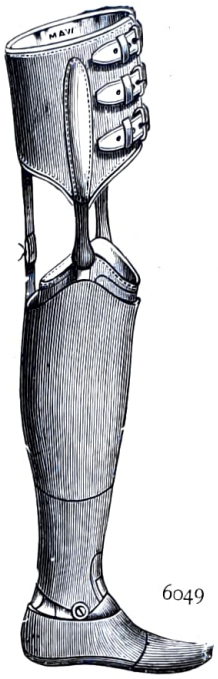
Send a tracing on paper of the stump and of the foot of the sound limb.

State whether right or left leg is required.

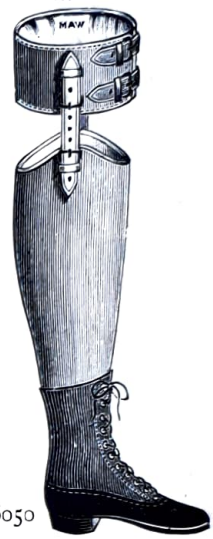
Send a boot for the artificial foot.

The measurements of the sound limb are not required in the case of a Peg Leg.

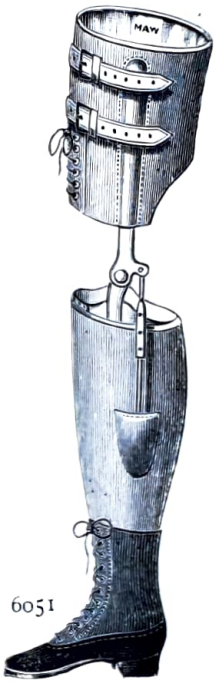
Surgical and Orthopædic Appliances, etc.—*continued.*



6049

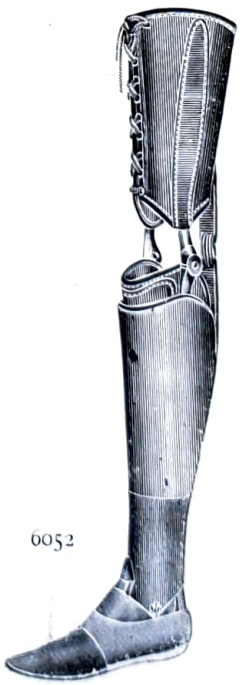


6050



6051

No.	**Artificial Legs,** for Amputation below Knee—	£	*s.*	*d.*
6049	Leg with wood bucket for a short stump; the weight of the patient is taken by the leather portion above the knee which is fixed to the bucket by a pair of steel joints, so that the stump is left free to flex and extend the apparatus; average weight, 4¼ lbs....	10	10	0
6050	Leg with wood bucket for a long stump, held in position by a leather band above the knee; average weight, 4 lbs.	5	15	0
6051	Leg similar in construction to No. 6049, but fitted with improved tendon, which gives a more natural action in walking; average weight, 4¼ lbs....	12	0	0


6052


6053



6054

6052	Leg, for median length stump, with improved eccentric joints; the upper bucket is made of leather to lace, and the lower one of wood; average weight, 4½ lbs. ... ... 2 qualities, £10 10 0 and	13	10	0

(*Directions for Measurements, see page 326.*)

Surgical and Orthopædic Appliances, etc.—*continued.*

No. **Artificial Legs,** for Amputation below Knee—*continued.* £ s. d.

6053 Leg for very short stump, with posterior thickening preventing the use of an ordinary top bucket; average weight, 4½ lbs. 12 0 0

6054 Leg for short and tender stump, the major portion of the weight being taken by the laced leather sheath above knee; fitted with waist belt and braces; average weight, 4 lbs.; 2 qualities ... ...£12 10 0 and 15 0 0



6055



6056



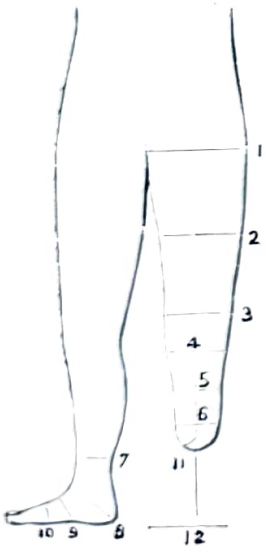
6057

6055 Peg Leg with leather or wood bucket, and lateral steel joints extending upwards to the thigh piece, suitable for a medium long stump; average weight, 3½ lbs. 3 3 0

6056 Peg Leg with leather bucket, for a long stump; average weight, 2½ lbs. ... 2 2 0

6057 Kneeling Peg Leg with laced leather bucket, strengthened by lateral steel supports; average weight, 3¾ lbs. 3 13 6

DIRECTIONS FOR MEASUREMENT FOR AMPUTATION BELOW KNEE.

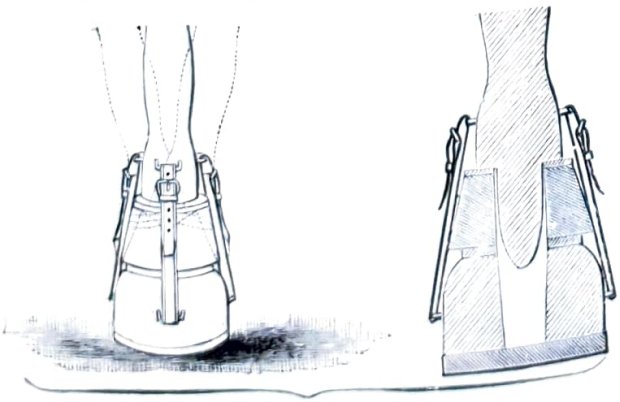


Circumference.—No. 1 of thigh at fork, No. 2 of middle of thigh, No. 3 of lower third of thigh, No. 4 of knee, No. 5 of leg 2 in. below knee, No. 6 of end of stump, No. 7 of ankle of sound foot, No. 8 of heel of sound foot, No. 9 of instep of sound foot, No. 10 of joints of toes of sound foot.

Length.—No. 4 to 12 from centre of knee to ground, and No. 4 to 11 from centre of knee to end of stump.

Send a tracing on paper of the stump and of the sound foot.

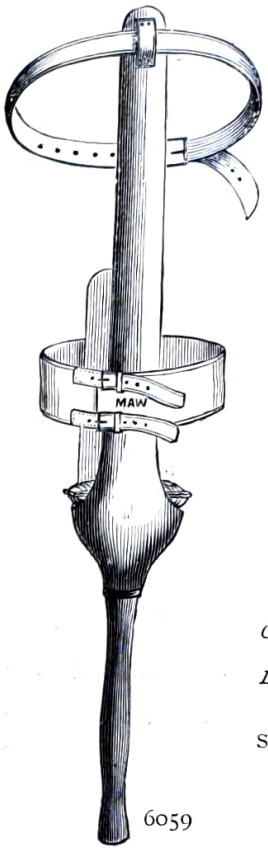
State whether right or left leg is required.



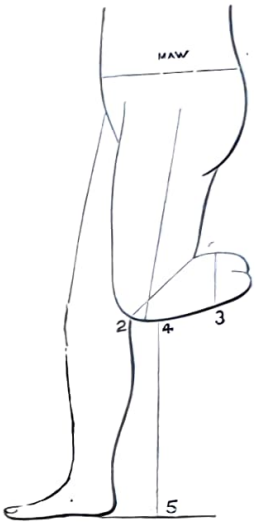
6058

6058 Willis's Patent Base for Peg Legs, as recommended by Sir Thomas Smith, for the prevention of concussion 0 16 0

Surgical and Orthopædic Appliances, etc.—*continued.*



6059

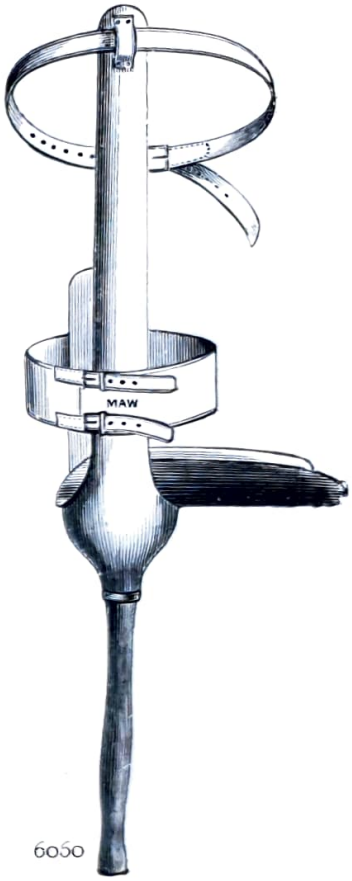


DIRECTIONS FOR MEASUREMENT FOR KNEELING LEGS.

Circumference.—No. 1 of waist, No. 2 of knee, No. 3 of end of stump.

Length.—No. 4 to 5 from centre of knee to ground, and No. 2 to 3 from centre of knee to end of stump.

State whether required for right or left side.

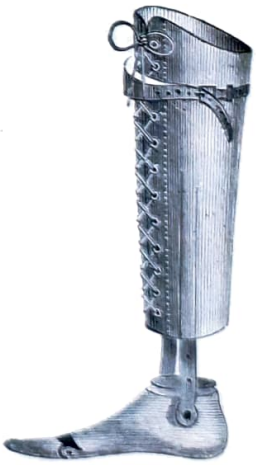


6060

No.	**Artificial Legs,** for Amputation below Knee—*continued.*	£	*s.*	*d.*
6059	Kneeling Leg for short stump, with knee pad, thigh strap and waist band; average weight 2 lbs. 2 ozs.	1	2	0
6060	Do. do. for long stump, with trough made of light perforated steel covered with cloth; average weight 2¾ lbs.	1	6	0



6061



6062



6063

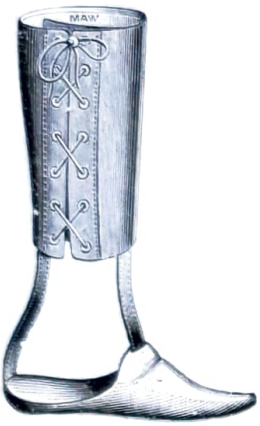
Artificial Feet, etc., for Amputation at Ankle Joint—

6061	Foot with laced leather bucket, for use after Symes's amputation with tender stump. In this form of foot all the weight is taken by the bucket instead of on the end of the stump; average weight 2¼ lbs. 2 qualities, £4 4 0 and	5	5	0
6062	Do. do. for use after Symes's amputation with sound stump, the whole of weight being taken on the end of the stump; average weight 2½ lbs. ... ... 2 qualities, £3 10 0	4	4	0
6063	Circular Boot for use after Symes's amputation; average weight 1¼ lbs.	1	8	0

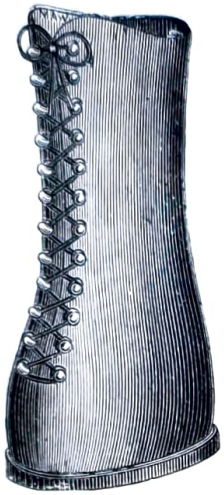
Surgical and Orthopædic Appliances, etc.—*continued.*



6064

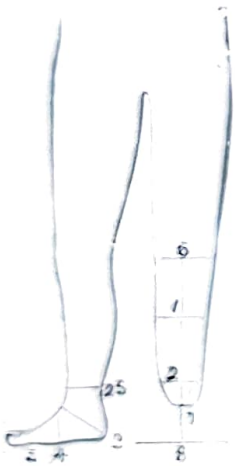


6065



6066

No.		*£*	*s.*	*d.*
	Artificial Feet, etc., for Medio-tarsal Amputation—			
6064	Foot with moulded leather calf piece and steel side supports, the weight being taken partly on the leg piece and partly on the end of the stump (a special boot is usually required) : average weight, 2½ lb.	4	4	0
6065	Foot with steel support from back to front shaped to the lines of the stump, the entire weight being taken on the end of the stump	3	3	0
6066	"Elephant" Boot, leather, to lace ... ... from 30/- to	1	15	0



DIRECTIONS FOR MEASUREMENT FOR ARTIFICIAL FEET AND CIRCULAR BOOTS.

Circumference.—No. 1 of calf.
No. 2 of ankle.
No. 3 of heel of sound foot.
No. 4 of instep of sound foot.
No. 5 of joints of toes of sound foot.
Length.—No. 6 to 8 from centre of knee to ground.
No. 7 to 8 from end of stump to ground.

Send a tracing on paper of the stump and of the sound foot.
State whether required of the right or left side.
The measurements of the sound foot are not required in the case of a circular boot.



6067



6068



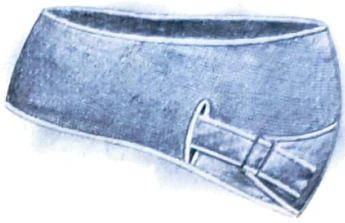
6069

6067	**Artificial Noses,** celluloid, fitted to spectacle frame ... ... each, from	2	2	0

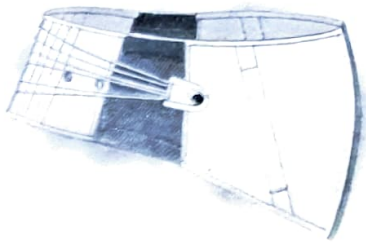
Noses are only made to order and cannot be undertaken unless the patient is prepared to pay two visits to 14, Aldersgate Street, firstly to have a model made, and secondly to have the appliance fitted and adjusted.

6068	**Bunion Spring,** with leather or elastic instep strap ...	0	7	6
6069	Do. do. for night and day ...	0	7	6

Surgical and Orthopædic Appliances, etc.—*continued.*

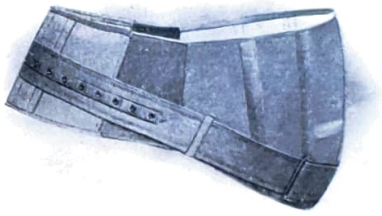


6070

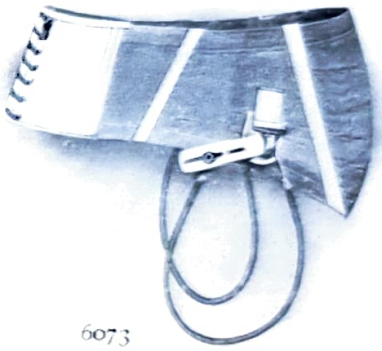


6071

No.		£	s.	d.
	Belts, for Corpulence and Obesity—			
6070	Cellular cloth, with draw fulcrum	0	4	6
6071	*Coutil, with woven elastic sides, buttoned front and draw lace, for gentlemen	0	15	0

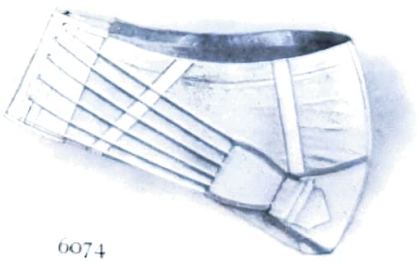


6072

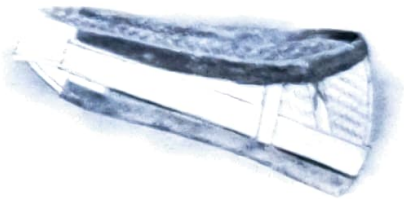


6073

6072	Coutil, drab, with elastic sides and strap fulcrum	0	9	6
6073	*Cotton-elastic, with laced back and india-rubber thigh straps	0	18	0

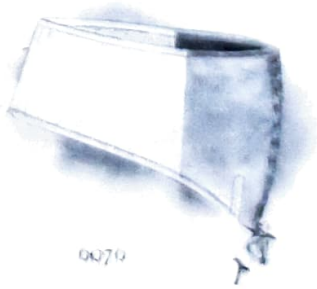


6074

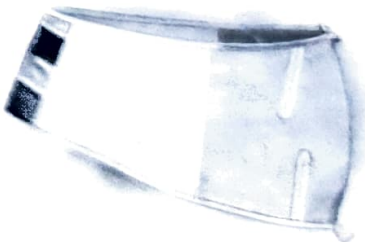


6075

6074	Cotton-elastic, with draw lace and fulcrum	0	13	6
6075	Cotton-elastic, "Interwoven," with hooked fulcrum strap	0	12	0



6076



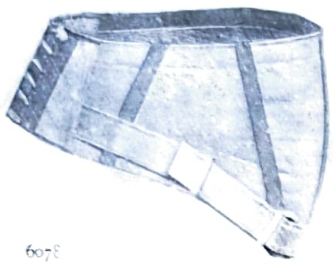
6077

6076	*Cotton web front (extra stout), with jean backs, to lace	0	12	6
6077	*Do. do. to buckle	0	12	6

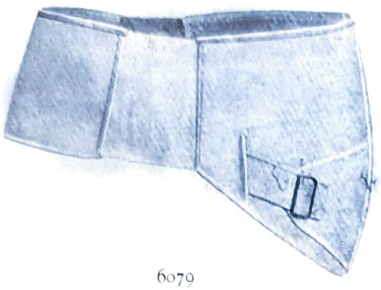
(*Directions for Measurement, see page 334.*)

* Belts marked with an asterisk, and those of special sizes, are made to order only, and such, when sent out, are not returnable.

Surgical and Orthopædic Appliances, etc.—*continued.*



6078

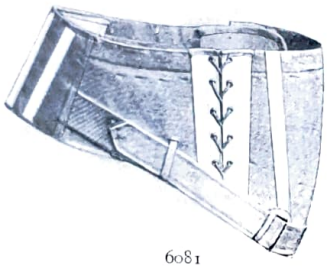


6079

No.	**Belts,** for Corpulence and Obesity—*continued.*	£	*s.*	*d.*
6078	• Drab thread (extra stout), with leather fittings and webbing strap	0	16	6
6079	Drill, with elastic sides and draw fulcrum	0	5	3

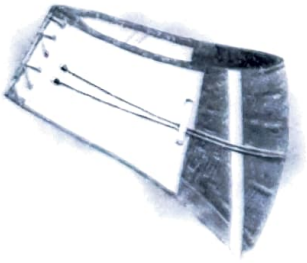


6080

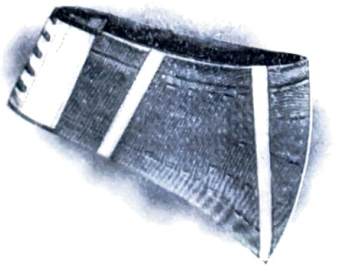


6081

6080	Elastic, to draw on, 2 qualities	silk, 21/0 ;	cotton	0	12	0
6081	Elastic, with fulcrum and side laces, 2 qualities ...	.. 21/6 :	..	0	14	6

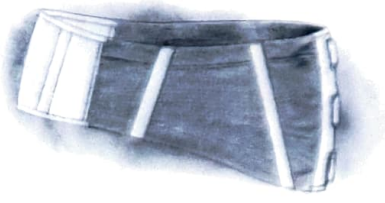


6082

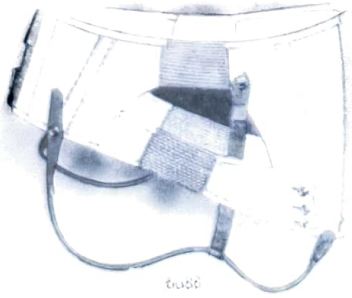


6083

6082	Elastic front, with jean back and draw lace, 2 qualities	silk, 12/9 ;	cotton	0	10	0
6083	Elastic, with laced back, 2 qualities	,, 18/0 ;	,,	0	12	0
6084	• Do. do. fitted with ordinary size pad No. 6119, 6120 or 6121, for Floating Kidney, silk			1	3	6



6085



6088

6085	• Elastic, with buckled front, silk	0	18	0
6086	• Do. do. fitted with oval pad for Appendicitis	1	3	6
6087	• Elastic, with buckled front, silk, fitted with pad No. 6117 or 6118, for Inguinal Colotomy	1	7	6
6088	• Elastic and jean "Hipless," with buckled back and india-rubber under-straps, silk	0	17	0

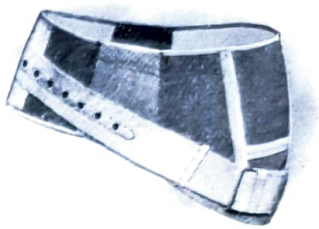
(Directions for Measurements, see page 334.)

• Belts marked with an asterisk, and those of special sizes, are made to order only, and such, when sent out, are not returnable.

Surgical and Orthopædic Appliances, etc.—*continued.*

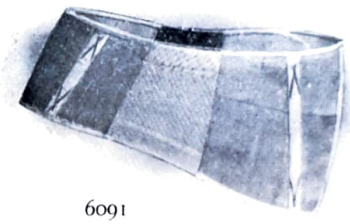


6089

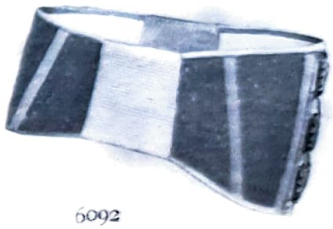


6090

No.	**Belts,** for Corpulence and Obesity—*continued.*	£	s.	d.
6089	*Elastic, cotton, with laced back and thigh piece ... ... from	0	17	6
6090	*Mohair, with silk-elastic sides and silk supporting straps	0	10	9

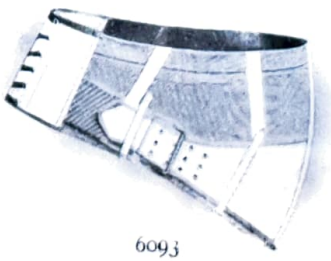


6091

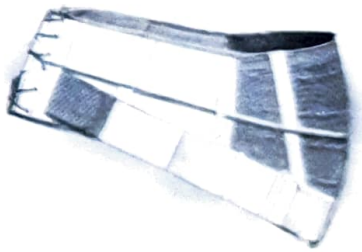


6092

6091	*Mohair, with silk elastic sides, to buckle, for gentlemen's use	0	8	6
6092	Moleskin, with silk elastic sides, to buckle in front, for gentlemen's use ...	0	6	6

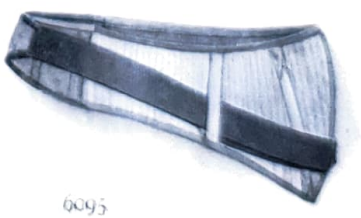


6093

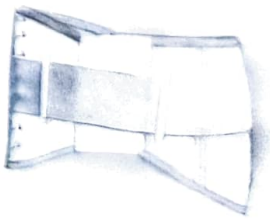


6094

6093	Silk-elastic, with laced back and fulcrum	1	1	0
6094	Silk-elastic front, with jean back, fulcrum straps and buckles	0	16	6



6095



6096

6095	Non-elastic, with hooked fulcrum strap	0	4	6

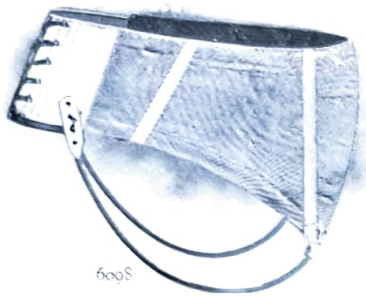
Belts, for Floating Kidney.

6096	*Bonney's, to fasten back and front, coutil, with elastic sides and elastic straps, without pad	0	15	0
6097	*Morris's, with jean front, laced elastic sides, fulcrum and understraps, 2 qualities, silk, 21/- ; cotton	0	13	6

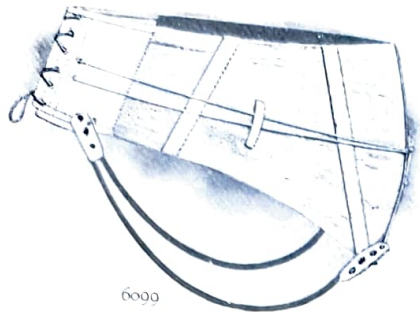
Directions for Measurements, see page 134.

*Belts marked with an asterisk, and those of special sizes, are made to order only, and such, when sent out, are not returnable.

Surgical and Orthopædic Appliances, etc.—*continued.*

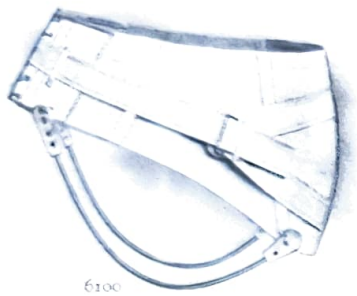


6098

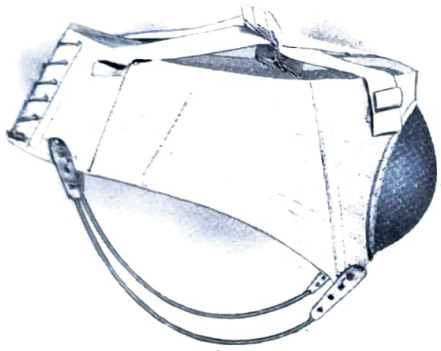


6099

No.	**Belts**, for Inguinal Hernia—	£	s.	d.
6098	*Cotton-elastic, with laced back, india-rubber Inguinal pads, and under-straps	1	4	9
6099	*Silk-elastic, with regulating lace, india-rubber Inguinal pads and under-straps	1	14	0



6100



6101

Belts, for Umbilical Hernia—

6100	*Cotton-elastic, extra stout, with laced back, double fulcrum, inflated pad, and india-rubber under-straps ... ... from	1	17	6
6101	*Cotton-elastic, extra stout, with laced back, shoulder-straps, india-rubber under-straps, and moulded leather cup for Irreducible Hernia ... ... from	2	12	6
6102	Cotton-elastic, stout, 5 in. wide, with pad, to lace at back	0	9	0



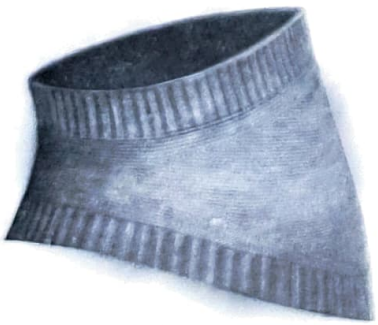
6103



6105

Belts, for Lumbago or Cholera—

6103	Felt, with elastic sides, to buckle in front, red	0	6	6
6104	Do. plain, to button, red	0	2	6
6105	Flannel, quilted, with elastic sides, to buckle in front	0	5	3
6106	Do. plain, to buckle in front, grey, red or white	0	2	9



6107



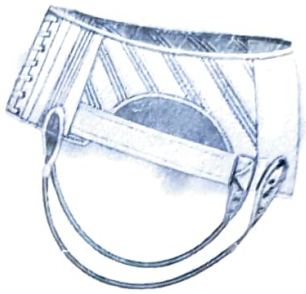
6108

6107	Knitted wool, natural colour, to draw on (Zimmerian)	0	2	1
6108	Do. do. with thigh-pieces and shoulder-straps	0	3	1

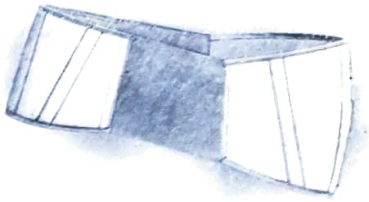
(Directions for Measurements, see page 334.)

* Belts marked with an asterisk, and those of special sizes, are made to order only, and stocks which are kept are not returnable.

Surgical and Orthopædic Appliances, etc.—*continued.*

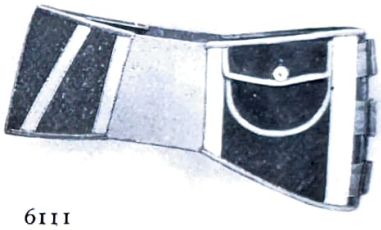


6109



6110

No.		£	*s.*	*d.*
6109	**Belts,** for Ovariotomy— Drab jean, with back and front fastenings and india-rubber under-straps ...	0	9	3
6110	**Belts,** for Riding— Drab coutil, with elastic sides, to buckle in front	0	10	9

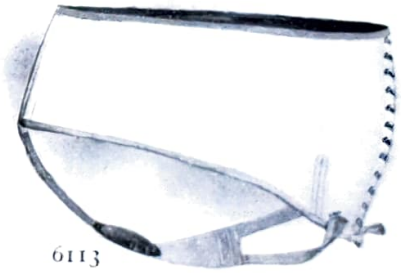


6111



6112

6111	Drab moleskin, with pockets and elastic sides	0	4	3
6112	*Jean, with elastic sides, for ladies	0	12	9



6113



6114

Belts, for Uterine Support—

6113	*Blundell's, with pad attachment, stout elastic front and jean back	0	18	9
6114	*Cotton-elastic, with divided front and regulating lace	0	18	9
6115	Jean band, with india-rubber pad	0	5	0
6116	Do. do. do. to inflate	0	6	9



6117



6118



6119



6120



6121

Belt Pads, etc., for Special Conditions—

6117	Colotomy Cup, india-rubber, ordinary size	0	6	9
6118	Do. Plug, do. do.	0	6	6
6119	Kidney Pad, horse-shoe shape	0	4	6
6120	Do. pear shape	0	3	6
6121	Do. square, with depression	0	4	3

The above Prices include Fixing in the Belt.

(**Directions for Measurements, see page 334.**)

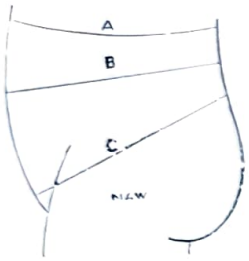
* Belts marked with an asterisk, and those of special sizes, are made to order only, and such, when sent out, are not returnable.

Surgical and Orthopædic Appliances, etc.—*continued.*

DIRECTIONS FOR MEASUREMENTS FOR BELTS, ETC.

Circumference at A, B, and C.

Depth from A to C, taken in the sitting position.

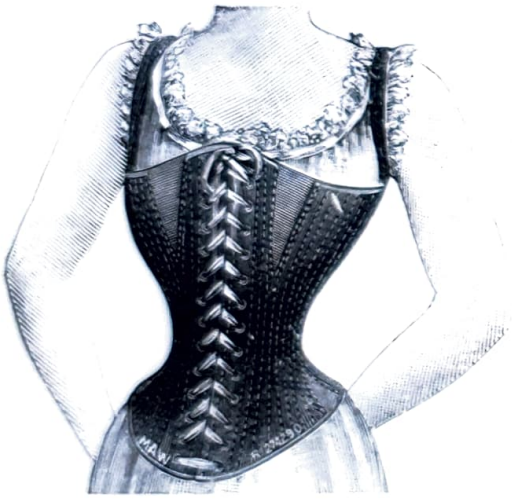


DIMENSIONS OF STOCK SIZES.

No.	1	2	3	4	5	6	7	8
Circumference at A ...	23	25	26	28	29	31	33	35
Do. at B ...	26	28	30	32	34	36	38	40
Do. at C ...	28	30	32	34	36	38	40	42
Length A to C	8½	9	9½	10	10½	11	11½	12

N.B.—Stock size belts cannot be received back after having been tried on.

Special sizes are charged at a higher rate than stock sizes, and when sent out are not returnable.



FRONT VIEW.



BACK VIEW.

6122

No.	**Braces,** for Round Shoulders, etc.	£	s.	d.
6122	*Corset Brace (registered), stout sateen, 3 qualities... ... 17/–, 23/6 and	1	8	6

EXTRACT FROM "BRITISH MEDICAL JOURNAL," DEC. 12, 1895:—"Besides being a most excellent support, the Corset Brace has the advantage of being really a corset and brace combined, so that it may be worn alone without any other corset, though, perhaps, this would not be advisable for older girls, who require more support below the waist, beyond which the Corset Brace scarcely reaches. Still, for quite young children the Corset Brace is in itself sufficient, and much to be recommended."



6123



6124

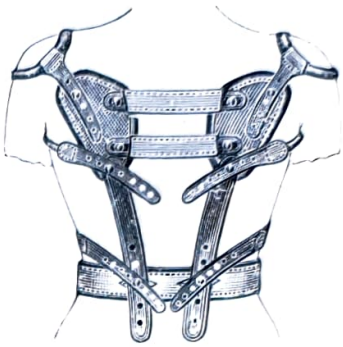


6125

6123	Coutil, with elastic supports and regulating lace, 2 qualities ... 3/– and	0	6	0
6124	Walsham's, with india-rubber bracing straps	0	10	6
6125	Jean, with elastic insertions and whalebone supports	0	5	6

* Articles marked with an asterisk, and those of special sizes, are made to order only, and such, when sent out, are not returnable.

Surgical and Orthopædic Appliances, etc.—*continued.*

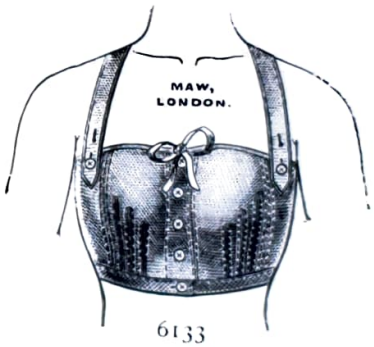


6126

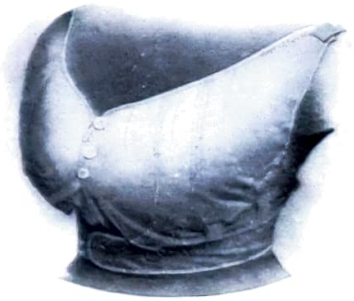


6128

No.	**Braces,** for Round Shoulders, etc.—*continued.*	£	*s.*	*d.*
6126	*Elastic (registered), with shoulder rings and leather-covered scapula plates, for ladies	1	17	6
6127	* Do. do. do. for gentlemen	1	7	9
6128	Elastic, with leather-covered steel plates, for ladies, 2 qualities 5 6 and	0	9	0
6129	Do. without plates, for ladies, 2 qualities ... ... 4/- ,,	0	7	6
6130	Do. with leather-covered steel plates, for gentlemen, 2 qualities 8/- ,,	0	11	6
6131	Do. without plates, for gentlemen, 2 qualities ... ... 6 9 ,,	0	9	0
6132	Skeleton Brace	0	3	6



6133



6134

Breast Supports—

6133	*Linen, with web shoulder-straps	0	5	6
6134	* Do. with regulating back-straps ... ... from	0	12	9



6135



6136



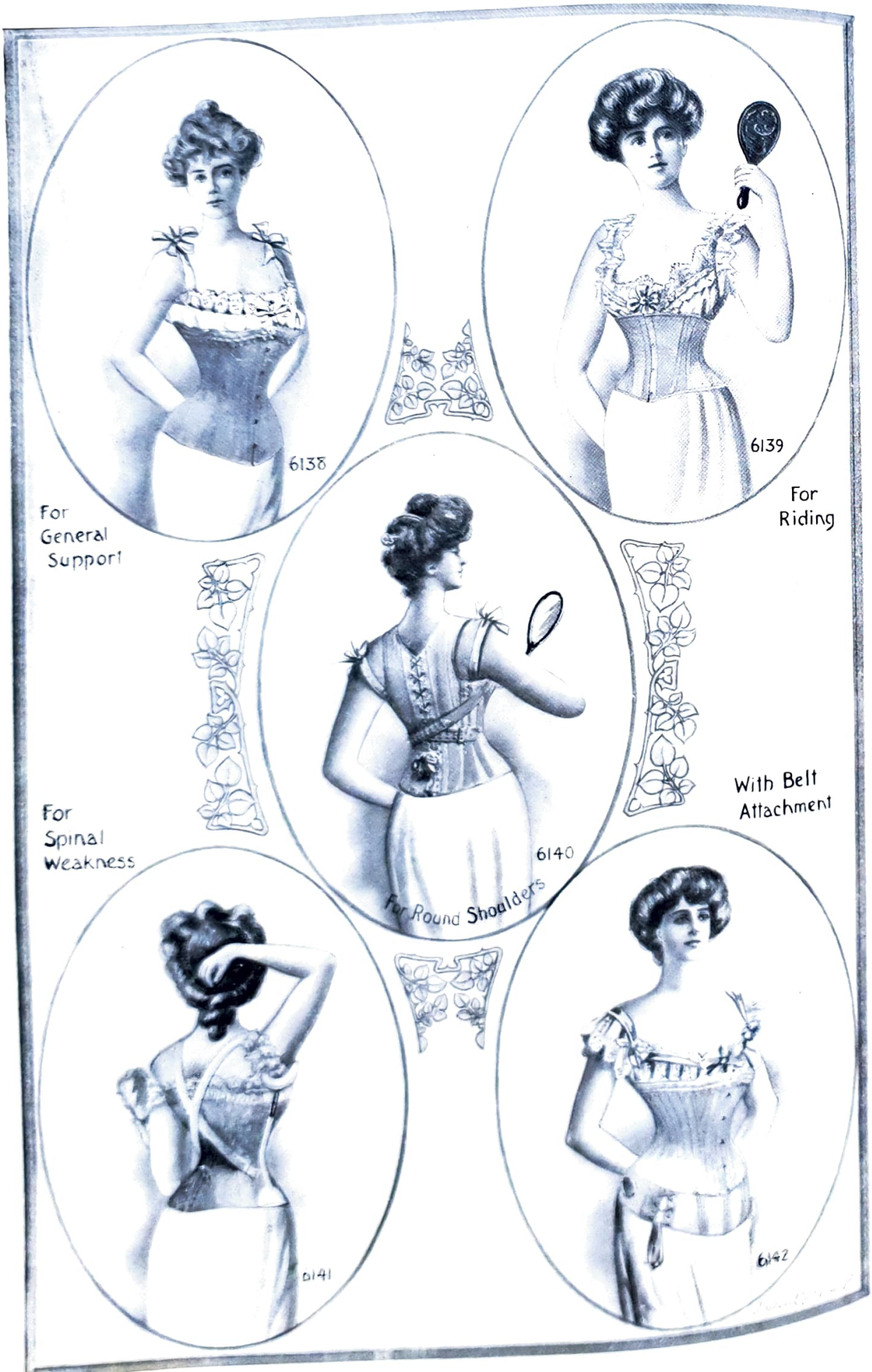
6137

Cork Sole Boots—

6135	*Outside cork, for shortened limb ... ... from	1	17	6
6136	*Inside concealed cork, for cases of contracted knee with drawn-up heel ,,	1	10	0
6137	* Do. do. do. for a shortened limb, in cases of old-standing hip joint disease ... ... from	2	15	0

* Articles marked with an asterisk, and those of special sizes, are made to order only, and such, when sent out, are not returnable.

Surgical and Orthopædic Appliances, etc.—*continued.*



Surgical and Orthopædic Appliances, etc.—*continued.*

No.		£	*s.*	*d.*
	Corsets, for Surgical Cases, etc.—			
6138	*For general support ... ... from	1	11	6
6139	*For riding ... ... ,,	0	17	6
6140	*For round shoulders ... ... ,,	1	11	6
6141	*For spinal weakness, fitted with steel supports and arm crutches ... ,,	2	2	0
6142	*With belt attachment ... ... ,,	2	0	0



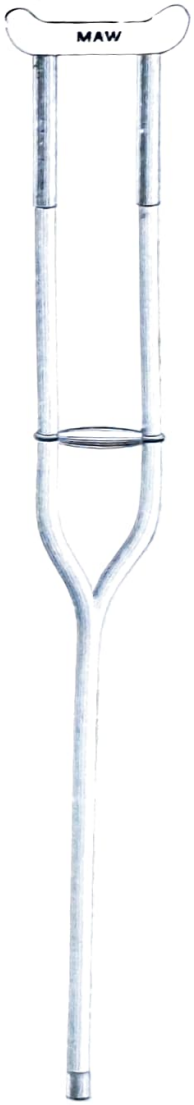
6143



6144



6146



6147

Crutches—

6143	Double, French model, with padded head, stained black and polished per pair	0	17	6
6144	Do. split ash, with padded head, polished, natural colour ,,	0	16	0
6145	Do. do. with plain head, common quality ... ... ,,	0	7	6
6146	*Do. with spring cushion, polished black ... ... ,,	1	19	0
6147	Do. with spring sides, padded head, and brass fittings, polished natural colour ... ... per pair	2	2	0

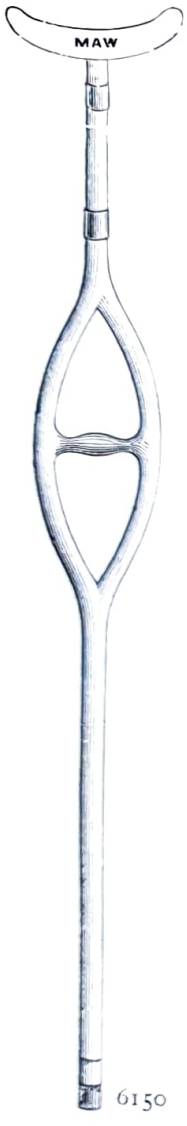


6148

6148	*Jointed, with padded spring head and hand bar ... ... per pair	2	5	0
6149	* Do. straight stick with padded head ... ... ,,	1	0	0

* Articles marked with an asterisk, and those of special sizes, are made to order only, and such, when sent out, are not returnable.

Surgical and Orthopædic Appliances, etc.—*continued.*



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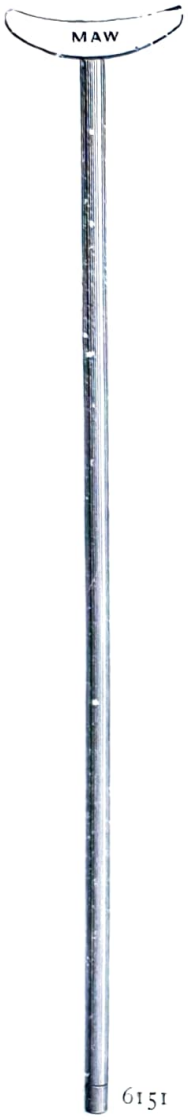
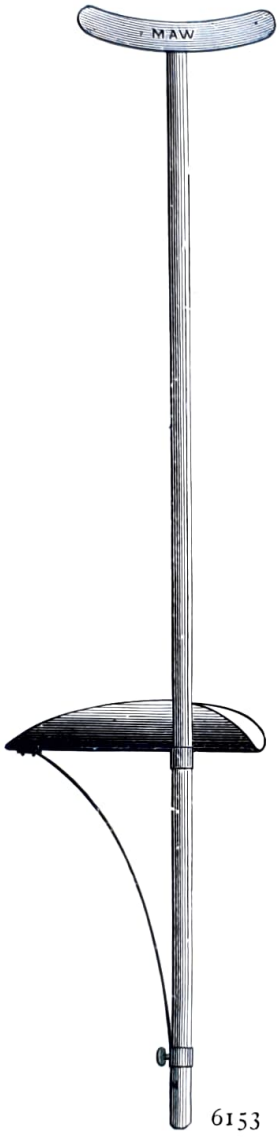


6151

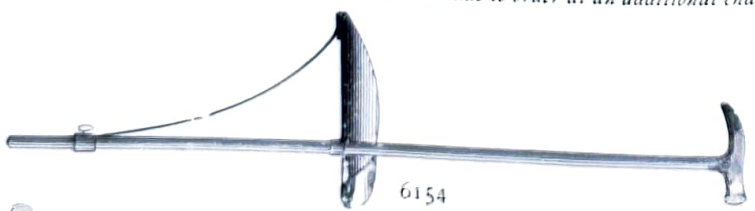


6153

No.	**Crutches**—*continued.*	£	*s.*	*d.*
6150	*Single, with padded spring head and hand bar, polished, natural colour, per pair	1	16	0
6151	Do. plain stick, polished black, with padded head ... ... ,,	0	7	6
6152	Do. plain wood, hospital pattern ... ... ,,	0	2	3
6153	Do. with knee rest ... ... each	0	17	6

All Crutches, except Nos. 6151, 6152 and 6153, are supplied with leather shoes, but india-rubber shoes can be substituted, at the same price, if desired. When ordering, state length from axilla to ground, taken whilst patient is standing in the erect position, and in the case of No. 6153, state whether required for the right or left side.

In the event of one crutch only being required, it will be made to order at an additional charge of 6*d.*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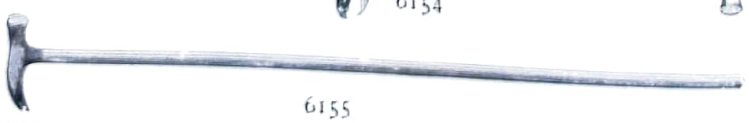

6155

6154	*Walking Stick Crutch, with knee rest ... ... each	0	17	6
6155	Do. do. plain ... ... ,,	0	3	6
6156	Willis's Patent Base, for the prevention of concussion... ... ... ,,	0	11	6

Surgical and Orthopædic Appliances, etc.—*continued.*



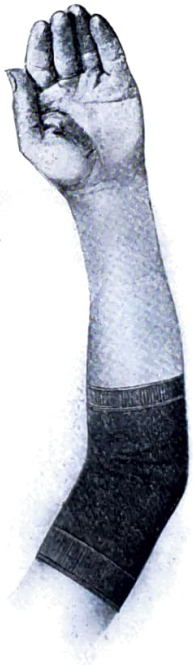
6157



6160



6161



6162



6163



6165

Elastic Hosiery, etc.—

			Silk.				Cotton.			
			*Super-fine.	Stout.	Ordinary quality.	Pearl.	*Super-fine.	Stout.	Ordinary quality.	Drab.
No.										
6157	Anklets, to draw on ...	per pair	10 -	7 2	5 6	4 8	6 -	4 6	3 6	3 -
6158	*Do. to lace ...	,,	—	10 4	8 6	—	—	7 2	6 3	—
6159	*Armlets, to draw on	,,	12 9	10 6	8 6	—	10 6	8 6	7 6	—
6160	Knee Caps, to draw on	,,	10 8	7 8	6 4	5 2	6 4	4 6	3 10	3 -
6161	*Do. to lace ...	,,	—	10 9	9 6	—	—	7 3	6 6	—
6162	*Elbow Caps	,,	—	10 3	—	—	—	7 -	—	—
6163	*Knee Leggings, to draw on	,,	23 -	16 -	13 6	—	13 3	9 9	8 3	—
6164	*Do. do. to lace	,,	—	23 -	20 6	—	—	15 3	14 -	—
6165	Knee Stockings, to draw on	,,	27 -	19 -	15 8	—	15 -	11 3	9 9	—
6166	*Do. do. to lace	,,	—	26 9	24 -	—	—	17 6	16 -	—

These prices are for ordinary sizes up to No. 8.

*Articles marked with an asterisk, and those of special sizes, are made to order only, and such, when sent out, are not returnable. Drab and pearl goods cannot be made to special sizes.

Surgical and Orthopædic Appliances, etc.—*continued.*



6167



6169



6172



6174



6175



6177

Surgical and Orthopædic Appliances, etc.—*continued.*



6179



6180

Elastic Hosiery, etc.—*continued.*

No.			Silk.				Cotton.			
			*Super-fine.	Stout.	Ordinary Quality.	Pearl.	*Super-fine.	Stout.	Ordinary Quality.	Drab.
6167	Leggings, to draw on	per pair	12/3	8/4	7/2	5/8	6/10	5/3	4/9	3/2
6168	*Do. to lace	,,	—	12/3	11/-	—	—	8/3	7/6	—
6169	Stockings, to draw on	,,	16/4	11/6	9/6	7/10	8/6	6/9	5/6	4/6
6170	*Do. do. "Court" silk	,,	22/-	—	—	—	—	—	—	—
6171	*Do. to lace	,,	—	16/-	14/-	—	—	10/6	9/3	—
6172	*Thigh Knee Caps, to draw on	,,	22/-	17/-	13/-	—	13/6	9/-	8/-	—
6173	*Do. do. to lace	,,	—	24/-	19/3	—	—	15/6	13/-	—
6174	*Thigh Leggings, to draw on	,,	34/-	25/-	20/6	—	20/6	14/6	12/6	—
6175	Thigh Pieces, to draw on	,,	13/-	9/3	7/-	—	7/-	5/3	4/6	—
6176	*Do. do. to lace	,,	—	13/6	10/-	—	—	8/6	7/-	—
6177	Thigh Stockings, to draw on	,,	38/-	28/-	22/6	—	22/-	16/-	13/6	—
6178	*Do. do. to lace	,,	—	40/-	33/6	—	—	25/6	22/6	—
6179	Wristlets, to draw on	,,	—	2/9	2/6	—	—	1/10	1/8	—
6180	*Wristlet-Mittens, to draw on	,,	—	6/-	5/4	—	—	—	—	—

These prices are for stock sizes up to No. 8.

		£	s.	d.
	Elastic Hosiery, etc., Red Wool, for Rheumatic Patients—			
6181	*Knee Caps ... per pair	0	5	3
6182	*Stockings ... ,,	0	7	6



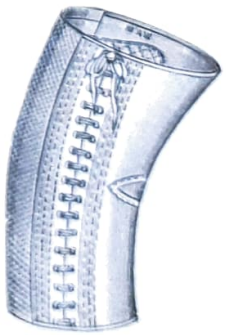
6183

Elastic Hosiery, etc., Silk Spiral, to draw on—

6183 *Stockings ... per pair 1 13 0



6184



6185



6186



6187

Elastic Knee Caps, etc., for Athletes—

6184	*Stout Silk, to draw on	each	0	5	6
6185	*Elastic, with coutil back, to lace	,,	0	6	9
6186	*Do. with soft front do.	,,	0	5	6
6187	*Spiral wire, with jean back, to lace (specially recommended for football players)	,,	0	15	0

* Articles marked with an asterisk, and those of special sizes, are made to order only, and such, when sent out, are not returnable. Drab and pearl goods cannot be made to special sizes.

Surgical and Orthopædic Appliances, etc.—*continued.*

DIRECTIONS FOR MEASUREMENTS FOR ELASTIC HOSIERY, ETC.

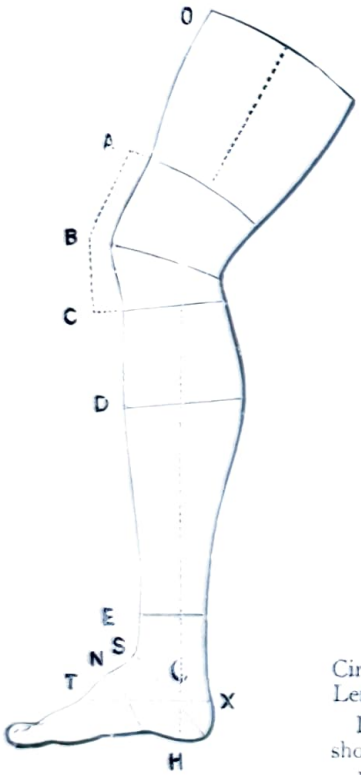
In all cases the exact measurements of the limb, taken next to the skin, must be sent. The necessary allowance will be made for expansion. Measurements should be taken on first rising in the morning, since the limb is then in its most natural condition.

ANKLET.

Circumference at E, S, N, and T.
Length from E to H, and T to X, along dotted line.

KNEE CAP.

Circumference at A, B, and C.
Length from A to B, and B to C, along dotted line.



KNEE LEGGING.

Circumference at A, B, C, D, and E.
Length from A to C, and C to E, along dotted line.

KNEE STOCKING.

Circumference at A, B, C, D, E, S, N, and T.
Length A to C, C to H, and T to X, along dotted line.

LEGGING.

Circumference at C, D, and E.
Length from C to E, along dotted line.

STOCKING.

Circumference at C, D, E, S, N, and T.
Length from C to H, and T to X, along dotted line.

THIGH KNEE CAP.

Circumference at O, A, B, and C.
Length from O to A, A to B, and B to C, along dotted line.

THIGH LEGGING.

Circumference at O, A, B, C, D, and E.
Length from O to A, A to C, and C to E along dotted line.

THIGH PIECE.

Circumference at O and A.
Length from O to A, along dotted line.

THIGH STOCKING.

Circumference at O, A, B, C, D, E, S, N, and T.
Length from O to A, A to C, C to H, and T to X, along dotted line.

If a pair is required the measurements of both limbs separately should be given.

N.B.—A register is kept of all special sizes made to order, and any such order can be repeated upon giving the registered number which is sent with the goods.

DIMENSIONS OF STOCK SIZES.

Size	O	A	B	C	D	E	N	T
	Circumferences.							
No. 1	13½	10½	9½	8½	9½	6½	7½	6⅝
No. 2	14	11	10	9	10	6¾	7¾	6¾
No. 3	14½	11½	10½	9½	10½	7	8	7
No. 4	15	12	11	10	11	7¼	8¼	7¼
No. 5	15½	12½	11½	10½	11½	7½	8½	7½
No. 6	16	13	12	11	12	7¾	8¾	7¾
No. 7	16½	13½	12½	11½	12½	8	9	8
No. 8	17	14	13	12	13	8¼	9¼	8¼

	Nos.	1	2	3	4	5	6	7	8
		Lengths.							
ANKLETS		6	6¼	6½	6⅝	7	7¼	7½	7⅝
KNEE CAPS		7¼	8	8¼	8½	8⅝	9	9¼	9⅜
KNEE STOCKINGS		20½	21½	22½	23	23½	24½	25	25½
LEGGINGS		10	10½	11	11½	12	12½	12⅝	13
STOCKINGS		14	14½	15	15½	16	16½	16⅝	17
THIGH KNEE CAPS ...		13½	14	14½	15½	15½	15⅝	16⅝	16⅝
THIGH PIECES		7	7½	7½	7⅝	8	8¼	8½	8½
THIGH STOCKING		26½	27½	28½	29½	30¼	31	31⅝	32
WRISTLETS	Size	5½	6	6½	6½	6⅝	7	7¼	7½

Length is taken from top of stocking to ground.

Special sizes are charged at a higher rate than stock sizes, and when sent out are not returnable.

Stock sizes cannot be received back after having been tried on.

Surgical and Orthopædic Appliances, etc.—*continued.*



6188



6189



6190

No.	**Flat Foot Appliances**—	£	*s.*	*d.*
6188	Valgus Pads, india-rubber, for fixing in the boot, 6 sizes, per pair: No. 1, $5\frac{1}{2}$ in., 1/8; No. 1A, $4\frac{3}{4}$ in., 1/3; No. 2, $4\frac{1}{2}$ in., 1/–; No. 2A, 4 in. – 10; No. 3, $3\frac{1}{2}$ in., – 8; No. 4, 2 in.	0	0	6
6189	*Valgus Plates or Flat Foot Socks, metal, covered with leather per pair When ordering send tracing of foot, or size of boots usually worn.	0	12	0
6190	*Walsham's Boots, for Talipes Valgus, with outer stem, inner spring and T-strap ... ... per pair	4	7	6



6191



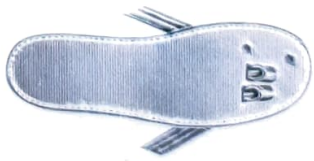
6192

6191	**Foot Sling,** with leather suspension strap and padded neck band	0	12	6
6192	***Fractured Nose Appliance,** with levers for keeping the cartilages in their normal positions ... ... from	1	15	0

DIRECTIONS FOR MEASUREMENT.
Circumference of head at level of forehead. State to which side the nose is deflected.

Gonorrhœa or Gleet Bags—

6193	Jean Bag, lined with oil silk ... ... per doz.	0	8	0
6194	Waterproof Bag, with tape band ... ... ,,	0	6	9



6195



6197



6199

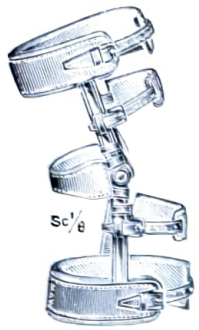
6195	***Hammer Toe Plate,** with band for keeping the affected toes in their normal positions	0	8	6

DIRECTIONS FOR MEASUREMENT.
Send tracing of foot on paper, with a cross against the affected toes.

6196	***Hare Lip Truss** ... ... 12 – and	0	10	6
6197	**Housemaid's Knee Cap,** india-rubber	0	6	9
6198	**Housemaid's Knee Pad**	0	5	0
6199	**Jugum Penis,** chamois-covered, for controlling incontinence of urine in children	0	3	9

* Articles marked with an asterisk are made to order only, and such, when sent out, are not returnable.

Surgical and Orthopædic Appliances, etc.—*continued.*



6200

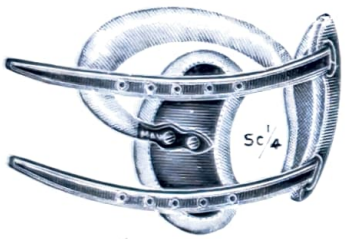


6201



6202

No.	**Knee Splints**—	£	s.	d.
6200	*Howard Marsh's, for displaced semilunar cartilage, 2 qualities ... 22/6 and	1	11	6
6201	*Moulded Leather Patella Cap, to prevent flexion of joint, with front lacing	0	18	6
6202	* Do. do. with divided front and controlling straps for fractured patella	1	1	0



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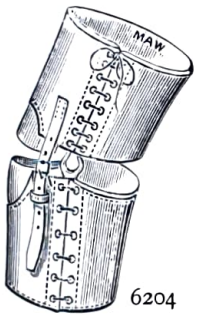
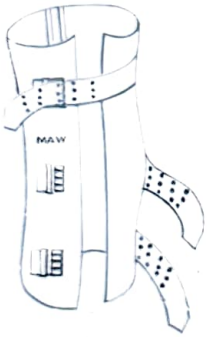


6204

6203	*Paget's Clamp, for displaced semilunar cartilage	0	16	6
6204	*Moulded leather, with steel side joints and controlling straps	1	11	6



6205

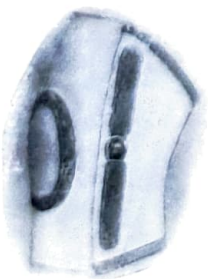


6206

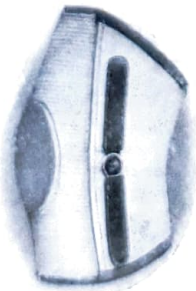


6207

6205	*Middlesex Hospital Model, for fractured patella, with elastic web front, steel side supports and stop joints	1	15	0
6206	*Poro-plastic felt ... ... from	0	12	6
6207	*Walsham's, with spiral wire side springs and shaped pads, for displaced semilunar cartilage	3	3	0



6208

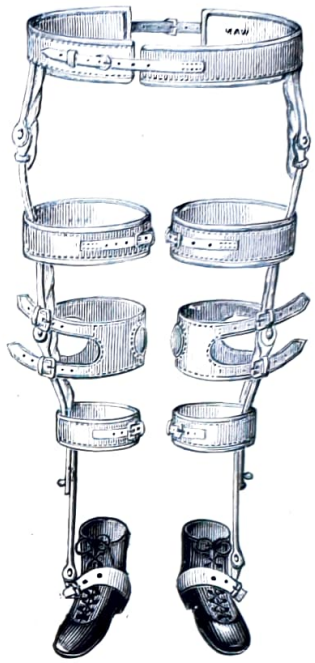


6209

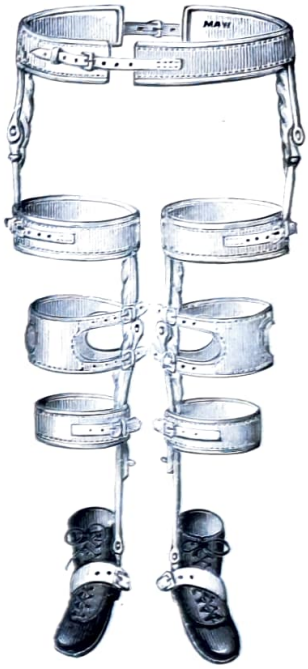
6208	*Moleskin, with jointed steel side supports, elastic front, and leather fittings	1	1	0
6209	*Spiral Wire, with jointed steel side supports and jean back	1	1	0

* Made to order.

Surgical and Orthopædic Appliances, etc.—*continued.*



6210



6211

No.	**Leg Irons**—	£	s.	d.
6210	*Apparatus for Genu Valgum, consisting of outside irons, with boots and T-strap for incipient valgus; the irons are made with a slide, so that they can be extended as the patient grows ... ... per pair	5	0	0
6211	*Apparatus for Genu Varum, consisting of inside irons as far as the middle third of the thigh and outside irons upwards to the pelvis; the irons are made to lengthen as in No. 6210, and boots with T-straps are also supplied per pair	5	5	0



6212



6213



6214

*Marks to order only.

Surgical and Orthopædic Appliances, etc.—*continued.*

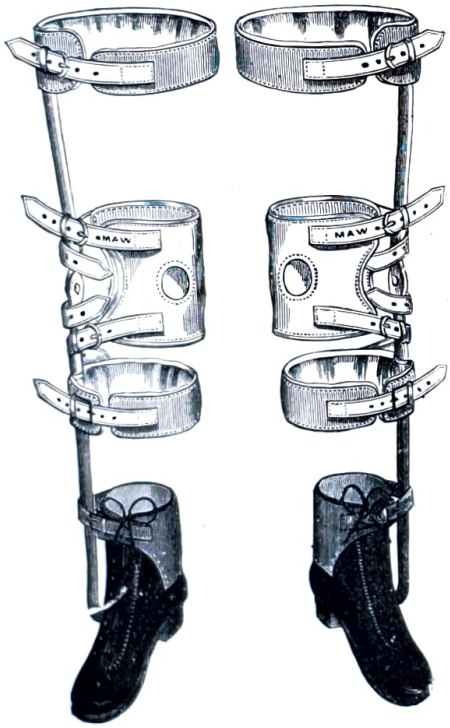
No.	**Leg Irons**—*continued.*	£ s. d.
6212	*Apparatus for Correcting "Pigeon Toes" or Eversion of Feet, consisting of boots and outside irons from pelvis to the ground; a spiral spring is attached below the garter band to correct the eversion ... per pair	6 16 0
6213	*Apparatus for use with Anchylosed or Stiffened Hip Joint, consisting of boot and side iron, with rack-joint at hip, ring stop-joint at knee, and toe elevating spring at ankle ... ... each	5 5 0
6214	*Apparatus for Infantile Paralysis, consisting of boot, with very light double lateral irons, fitted with lever accumulators at knee and ankle joints; boot and irons are detachable: 2 qualities ... ... each 84/- and	5 0 0



6215



6216



6217

6215	*Apparatus for Eversion and Inward Rotation of Foot, consisting of boot with inside iron from heel to internal condyle and outside iron from garter band to pelvis ... ... each	4 10 0
6216	*Apparatus for Eversion of Foot, consisting of boot with outside spiral spring stem, condyle plate and garter band ... ... per pair	3 7 6
6217	*Apparatus for either Genu Varum or Genu Valgum, consisting of boots with steel supports extending to the upper third of the thigh; as shown in the illustration it is arranged for Genu Valgum, but by fixing the irons to the inner sides of the boot it would answer equally well for slight cases of Genu Varum ... ... per pair	4 4 0
6218	*Apparatus for use after Disease of Ankle Joint, consisting of boot with double lateral supports, garter band, and loose lower band ... ... each	3 3 0
6219	*Apparatus for Outward Curvature of Tibia, consisting of boot with steel stem, garter band, and condyle plate; the distal end of the stem is slotted to allow of adjustment ... ... per pair	2 16 0

* Made to order only.

Surgical and Orthopædic Appliances, etc.—*continued.*



6218



6219



6220

No.	**Leg Irons, etc.**—*continued.*	£	s.	d.
6220	*Apparatus for weak Ankles, consisting of boots with outside stems, the latter being made in the form of springs, which are set either on the outer or inner side, so set as to prevent any tendency towards either T. Valgus or T. Varus ... ... per pair	4	0	0



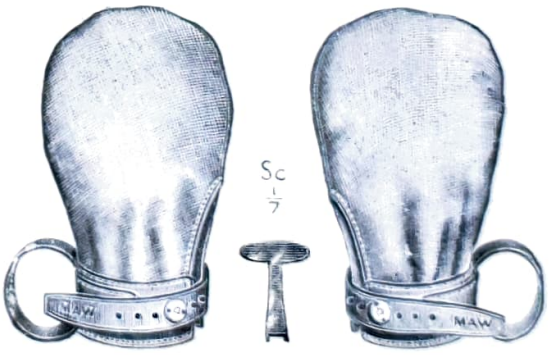
6221



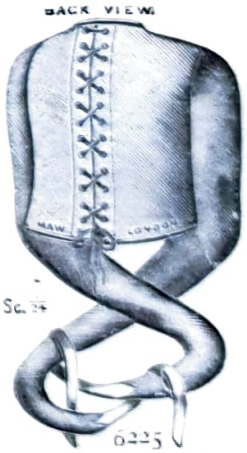
6222

Lunacy Straps, etc.—

6221	Anklets and Wristlets, with spring locks ... ... per set	3	12	6
6222	Do. do. with screw locks... ... ... ,,	3	12	6
6223	Chest Band, with gloves and screw locks ... ... ,,	3	10	0



6224



6225

6224	Gloves, regulation pattern, with screw locks ... ... per pair	1	6	0
6225	Strait-Waistcoat, canvas, regulation pattern, to lace	1	0	0



6226



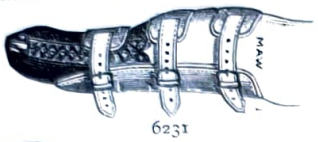
6227

6226	Wristlet, with screw lock and clamp ... ... per pair	3	3	0
6227	Wire Gloves, for prevention of masturbation ... ... ,,	0	17	6
6228	Pneumonia Jacket, pure wool ... ... ,,	0	11	0

* Made to order only.

Surgical and Orthopædic Appliances, etc.—*continued.*

No.		£	s.	d.
	Rectum Belts—			
6229	Jean, with india-rubber pad	0	4	8
6230	Do. with pad to inflate	0	6	9



6231



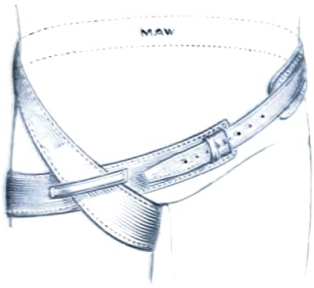
6232



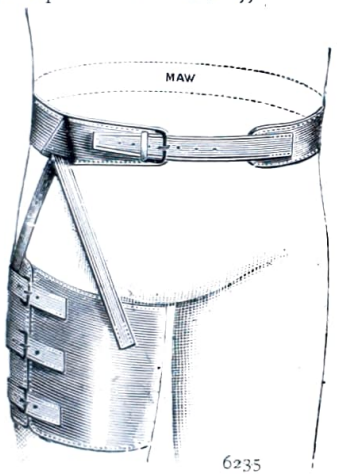
6233

Ricket Splints, for Bow Legs—

6231	*Fisher's, poro-plastic felt, covered with leather and fitted with leather straps	per pair	0	12	6
6232	Wood, padded, with webbing straps, 6 in. to 12 in.	,,	0	6	6
6233	*Do. do. Rice's, with sole plate and leather straps	,,	1	2	6



6234



6235

Rider's Sprain Appliances—

6234	*Leather Spica, with pad	0	18	0
6235	*Leather Thigh Piece, with waist band, 6 in. to 10 in.	1	13	9



6236



6237



6238



6239

6236	***Shoulder Cap,** leather, with webbing straps and buckles	1	1	0
6237	**Spina Bifida Guard,** Jean band, with hollow cup	0	6	9

* Made to order only

Surgical and Orthopædic Appliances, etc.—*continued.*

Spinal Support—

No.		£	s.	d.
	FOR CERVICAL CARIES—			
6238	*Poro-plastic Jacket, with jury mast and padded chin straps, etc. from	3	3	0
6239	*Sayre's Jury Mast, with padded chin straps, and tin strips for use with plaster of Paris jacket	1	7	6



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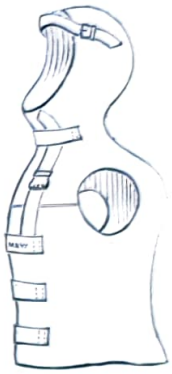
6240



6241



6242

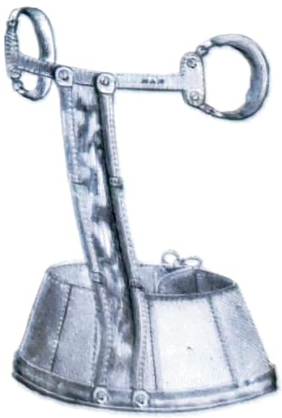
6240	*Carapace Jacket, poro-plastic felt ... ... from 18/- to	2	5	0
6241	*Walsham's Poro-plastic Felt Jacket, with head piece ... „ 24/- to	2	14	0
	FOR USE AFTER DORSAL AND LUMBAR CARIES—			
6242	*Protheroe Smith's support for curvature with pelvic deformity and abdominal protrusion	4	10	0



6243



6244



6245



6246

* Made to order only.

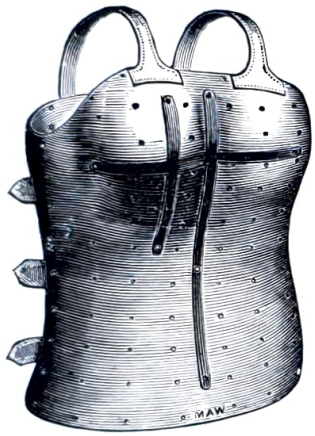
Surgical and Orthopædic Appliances, etc.—*continued.*

Spinal Supports—*continued.*

No.		£ s. d.
	FOR USE AFTER DORSAL AND LUMBAR CARIES—	
6243	*Steel Support, with closely fitting pelvic belt, to which are attached a pair of lateral uprights with arm crutches to take the weight off the spine; gentle pressure upon the projecting portion of the spine is made by the two adjustable semi-lunar pads attached to the steel springs at the back of the instrument	4 4 0
6244	*Steel Support, consisting of a pair of lateral uprights, pelvic band and back support braced together by horizontal crossbars	3 10 0
6245	*Postero-lateral Steel Support, for the prevention of stooping and lateral bending	3 3 0
6246	*Steel Support, with lateral crutches attached to a closely fitting pelvic belt by means of which the weight of the body is transformed from the pelvis to the axilla	4 0 0

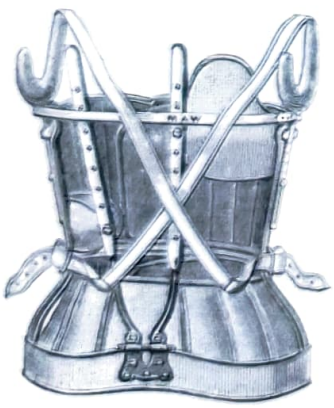


6247



6248

6247	*Moulded Leather Jacket, with shoulder-straps ... ... from	3 0 0
6248	*Poro-plastic Jacket, with metal supports, for advanced cases; 2 qualities, 52/6 and	3 3 0
6249	* Do. do. ordinary form, for early cases, 3 qualities, best medium and hospital ... ... from 42/–, 30/-	0 18 0
6250	Sayre's Vests, for use with plaster of Paris jacket, per doz., from 36/– to	2 17 0



6251



6252



6253

FOR LATERAL CURVATURE—

6251	*Support for double lateral curvature, with webbing pelvic band, lateral uprights and adjustable arm pieces: the major curve is controlled by a plate attached to a single action (or in severe cases a double action) rack bar, and the minor or compensating curve by a sickle-shaped plate attached to the opposite bar	5 5 0
6252	*Light Steel Support, covered with leather; a modified form of Taylor's Brace	2 18 0

* Made to order only.

Surgical and Orthopædic Appliances, etc.—*continued.*



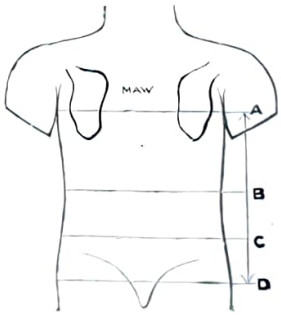
6254



6255

Spinal Supports—*continued.*

No.		£	*s.*	*a.*
	FOR LATERAL CURVATURE—			
6253	Light Support for Child, consisting of two lateral uprights, adjustable arm crutches and sliding pelvic band, fitted with cross bracing straps and covered with white kid	3	3	0
6254	Light Support for Adult, consisting of two lateral uprights, with adjustable arm crutches, posterior support and shaped pelvic band...	3	3	0
6255	Light Steel Frame, with webbing pelvic girdle and steel uprights, to which are attached sliding arm supports: fitted with front lacing pieces, cross-over shoulder-straps, and single action spring back bars	5	15	0

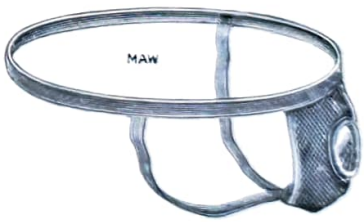


DIRECTIONS FOR MEASUREMENT FOR SPINAL SUPPORTS.

Circumference at A, B, C, and D.

Depth from A to B, and B to D; if the lateral bend is pronounced, the depths on both sides must be given.

In cases of severe dorsal curvature the degree of the curvature and the vertebræ affected must be specified.



6256



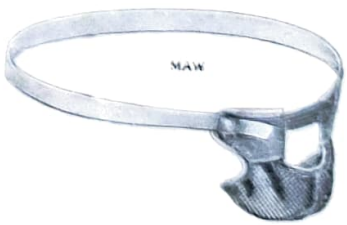
6257

Suspensory Bandages—

6256	The "Athlete," self-adjusting, with silk-elastic band, elastic under-straps and silk bag	0	2	10
6257	The "Beaufort," with web band and woven silk-elastic bag	0	1	6



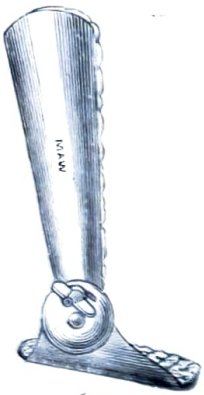
6258



6259

6258	The "Blenheim," with silk-elastic and jean band, elastic under-straps and silk bag	0	2	9
6259	The "Century," with jean band, elastic insertions, satin front and silk bag	0	2	4
6260	Do. do. do. with under-straps	0	2	11

Surgical and Orthopædic Appliances, etc.—*continued.*



6279



6281

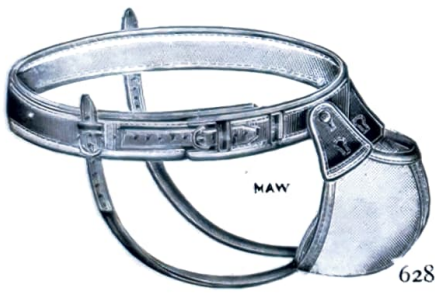


6282

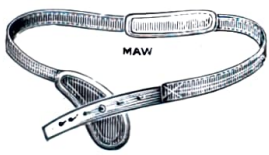
No.	**Talipes Splints**—*continued.*	£	*s.*	*d.*
6279	*Little's, japanned iron with fixing screw, padded	0	9	6
6280	*Poro-plastic Felt, moulded	0	4	6
6281	*Reeve's Shoe, with laced calf piece	0	15	0
6282	*Do. do. universal pattern	0	9	6
6283	*Scarpa's Shoe ... ...double action, 45/–; single action	1	10	0



6287



6284



6289

Trusses for Adults—

6284	Bag Truss, for large irreducible hernia	0	12	0
6285	Do. with bag to lace	0	13	6
6286	*Do. with braces to prevent slipping	1	0	0
6287	*Colotomy Truss, with cup-shaped circular pad	0	12	9
6288	*Do. do. with plug pad	0	12	9

FEMORAL TRUSSES (stock sizes 30–40 in.)—

6289	Half-spring, MAW's, covered with morocco, and white kid double, 10/–; single	0	5	0



6290



6291



6295

6290	Circular spring, covered with basil and moleskin ... double, 3/6; single	0	2	3
6291	Do. do. covered with morocco and moleskin double, 7–; single	0	4	3
6292	*Circular spring, with inflated pad, covered with morocco and moleskin, double, 24/–; single	0	16	6
6293	*Circular spring, with hollow pad for cases of irreducible hernia, covered with basil and moleskin ... ... single	0	7	3
6294	*Elastic gum, with india-rubber pads ... ... double, 11/3; single	0	6	9
6295	*Extra light, with thigh band to keep pad in position, double, 13/6; single	0	11	3
6296	*Coles's pattern, with spring in pad, as No. 6313 ...double, 14/3; single	0	7	3

* Made to order only.

Surgical and Orthopædic Appliances, etc.—*continued.*



6299



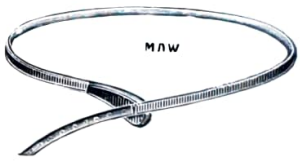
6301



6302

Trusses for Adults—*continued.*

No.		£	*s.*	*d.*
	INGUINAL (stock sizes, 30–40 in.)—			
6297	Circular Spring, covered with basil and moleskin ... double, 3/2; single	0	1	10
6298	Do. do. covered with calf and moleskin ... double, 5/4; single	0	3	3
6299	Circular Spring, covered with red leather and skiver, double, 3/7; single	0	2	2
6300	*Circular Spring, with hollow pad, for cases of irreducible hernia, covered with basil and moleskin ... ... single	0	4	3
6301	Circular Spring, French model, superior make, covered with thin calf and lined with white kid ... ... double, 13/–; single	0	8	0
6302	Half-spring, MAW's, covered with morocco and lined with white kid, double, 8/–; single	0	4	0



6303

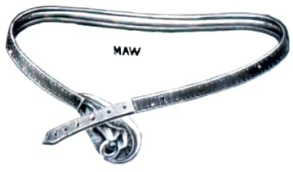


6304



6306

6303	*"Feather-weight" Circular Spring, extra light, covered with thin calf and lined with silk ... ... double, 31/6; single	0	15	0
6304	Circular Spring, covered with elastic gum, for bathing, double, 10/6; single	0	7	6
6305	Do. do. covered with celluloid ... ... double, 9/9; single	0	6	9
6306	*Circular Spring, leather-covered, with pad adjustable to any angle, suitable for either inguinal or fermoral hernia... ... ... single	1	11	6



6307

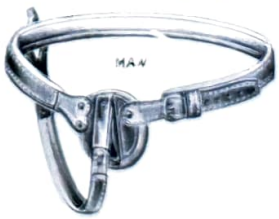


6308



6309

6307	*Circular Spring, Draper's, with adjustable pad, suitable for either side, covered with basil and moleskin ... ... double, 8/–; single	0	4	9
6308	*Circular Spring, with sliding head, to lengthen or shorten, covered with leather ... ... double, 7/3; single	0	4	3
6309	*Circular Spring, with inflated pad and band, covered with chamois leather ... ... double, 13/6; single	0	10	6



6310



6312

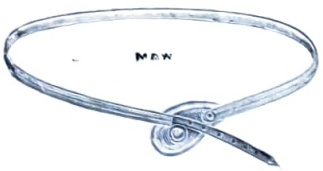


6313

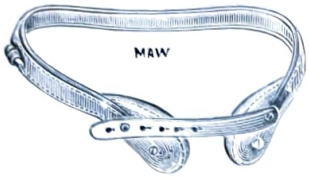
6310	"Moc Main," with lever pad and springless band, covered with calf and moleskin ... ... double, 16/6; single	0	9	6
6311	"Moc Main," with no spring on pad, and with rubber under-straps, double, 13/6; single	0	7	0
6312	Circular Spring, covered with elastic gum, and with india-rubber pads, for bathing ... ... double, 10/6; single	0	6	0
6313	Coles's pattern, half-spring, with spring pad, leather-covered, double, 12/6; single	0	6	6

* Made to order only.

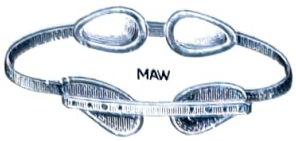
Surgical and Orthopædic Appliances, etc.—*continued.*



6314



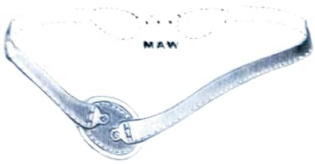
6315



6316

Trusses for Adults—*continued.*

No.		£	*s.*	*d.*
	INGUINAL (stock sizes, 30–40 in.)—*continued.*			
6314	Coles's pattern, circular spring, with spring pad as No. 6313 ... double, 13/3; single	0	6	9
6315	*Do. do. with spring pads and regulating pressure screw on band, leather-covered, double, 39/6; single	1	5	6
6316	MAW'S, with posterior pads, covered with morocco leather, and lined with white kid ... double, 8/–; single	0	4	0



6317



6318



6319

6317	*MAW'S Improved, for advanced cases, leather-covered, single											1	11	6
6318	*Springless band, with patent lever pads, covered with calf ... double, 63/–; single											2	2	0
6319	*Wood's, with bifurcated vulcanite pad ... ... ,, 16/6; ,,											0	10	3
6320	* Do. with bifurcated pneumatic pad ... ... ,, 21/3; ,,											0	13	6



6321



6322

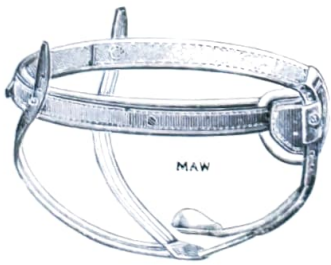


6323

6321	Salmon and Ody's pattern, extra light, covered with calf											0	4	3
6322	Do. do. do. with circular spring, double											0	6	8
6323	Do. do. do. with posterior pad, double											0	6	4
6324	*Springless, for night wear, with basil and moleskin band ... ... double, 8/6; single											0	5	0

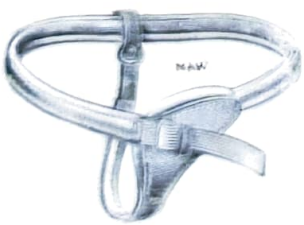


6325

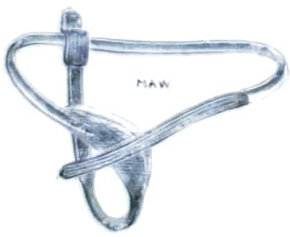


6326

6325	*LABIAL, with adjustable right-angled pad, covered with basil and moleskin and fitted with braces, single											1	1	0
6326	RECTAL, for Prolapse, leather-covered with ivory pad on spring											1	0	0
6327	* Do. for use after excision, Paul's											1	13	0



6328



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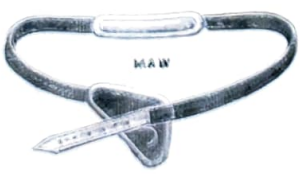


6330

Surgical (stock sizes, 30–40 in.)

6328	*Circular spring, Maw's improved, covered with calf and moleskin ... double, 28/–; single											0	15	9
6329	Circular spring, similar pattern, covered with calf and moleskin ... ... double, 13/6;											0	9	3
6330	*Circular spring, covered with elastic gum, and lined with india-rubber pads for hernia ... double, 14/3; single											0	9	3
6331	Hall-spring, Maw's, covered with morocco leather, and lined with white kid											0	7	9
												15		

* Male or female only.

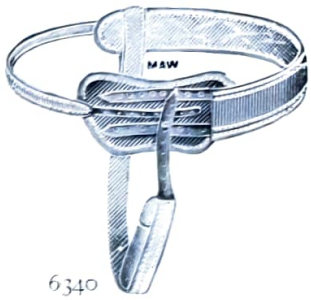
Surgical and Orthopædic Appliances, etc.—*continued.*



6332



6338



6340

No.		£	*s.*	*d.*
	Trusses, for Adults—*continued.*			
6332	Umbilical, with half-spring, leather-covered, sizes, 32–44 in....	0	8	9
6333	Do. do. sizes, 45–50 in.	0	12	0
6334	*Do. with circular spring, covered with basil and moleskin, sizes, 30–44 in.	0	8	9
6335	*Do. do. sizes, 45–50 in.	0	12	0
6336	Do. with springless band and patent lever pad, sizes, 30–44 in. ...	0	16	0
6337	Do. do. sizes, 45–50 in.	0	19	0
6338	*Do. springless, with spiral wire insertions, sizes, 30–44 in.	1	0	0
6339	*Do. do. sizes, 45–50 in.	1	3	0
6340	Uterine, for Prolapse, fitted with vulval pad and abdominal supporting plate	1	0	0
6341	*Do. with springless band and patent lever abdominal support	1	16	9

Extra large sizes are charged at a rate of – 6 per inch above stock sizes for singles, and – 9 per inch for doubles, but any special features, such as an extra strong spring, or large head, etc., etc., will necessarily increase the price of a truss.



6342



6344



6346



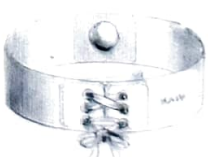
6349

Trusses, for Infants and Children—

6342	Inguinal, circular spring and pneumatic pad, covered with india-rubber, sizes, 12–20 in. ... ... double, 6 9; single	0	5	0
6343	Do. as No. 6342, but without spring, sizes, 12–18 in. ,, 4 9; ,,	0	4	0
6344	Do. with broad springless india-rubber band and pneumatic pads, sizes, 12–18 in. ... ... double, 2 9; single	0	2	0
6345	Do. circular spring, covered with morocco and moleskin, sizes, 12–27 in. double, 2 10; single	0	1	10
6346	Scrotal, circular spring and pneumatic pad, covered with india-rubber, sizes, 12–18 in. ... ... double, 7 6; single	0	5	9
6347	*Do. as No. 6346, but without spring, sizes, 12–18 in. ,, 5 6; single	0	4	9
6348	Do. circular spring, covered with morocco and moleskin, sizes, 12–27 in. double, 7 –; single	0	4	3
6349	*Undescended Testicle, with horse-shoe pad and circular spring, covered with morocco and moleskin ... ... single	0	5	6



6350



6351



6353



6354

Umbilical Belts, for Infants—sizes, 12–18 in.

6350	*Cotton elastic, to draw on	0	1	4
6351	Do. to lace	0	1	8
6352	India-rubber, as No. 6351, to draw on	0	1	0
6353	Do. with inflated pad, to draw on	0	1	9
6354	Do. porous, with steel fastening	0	1	9

*Extra sizes charged only.

Surgical and Orthopædic Appliances, etc.—*continued.*



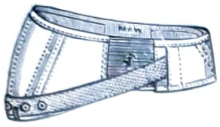
6355



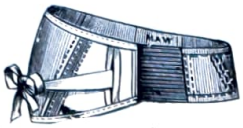
6356



6357



6358

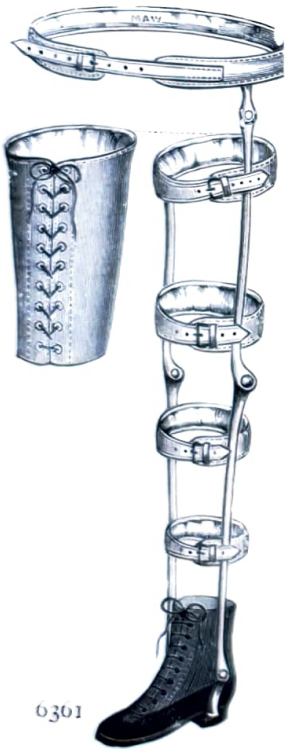


6359

No.	**Umbilical Belts,** for Infants—*continued.*	£	*s.*	*d.*
6355	Moleskin, with elastic sides and buckled fulcrum	0	2	6
6356	*Sateen, with elastic sides and buttoned fulcrum	0	2	6
6357	* Do. do. flannel lined, to lace	0	1	10
6358	* Do. do. with hook fulcrum	0	2	6
6359	* Do. do. with tie fulcrum	0	2	6



6360



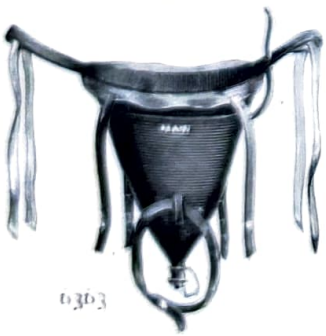
6361



6362

Un-united Fracture Support— BULA

6360	*For Tibia—Double side iron, with boot and laced leather sheath	3 7 6
6361	*For Femur—Double side iron jointed at knee, with boot, pelvic band and laced leather sheath	9 9 0
6362	***Instrument for Contracted Knee,** consisting of lateral steel supports with a leather-covered trough above and below knee. The chief advantage of this instrument is that it takes the whole weight of the body without encumbering the pelvis ; weight, about 4 lbs.	5 10 0



6363



6364

* Made to order only.

Surgical and Orthopædic Appliances, etc.—*continued.*

Urinals, Female—

No.		£	*s.*	*d.*
6363	For carriage use	0	10	6
6364	For night use, with sponge to absorb the urine	0	6	3



6365



6366



6367

6365	For night use, improved model, with inflated rim and long tube to conduct the urine into a receptacle outside the bed	0	12	9
6366	For night use	1	2	3
6367	For night use, with tube	0	8	6



0368



0369



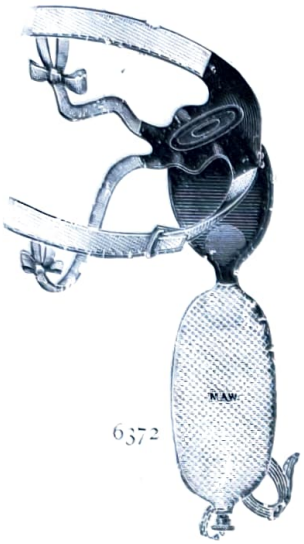
0370

0368	For day use and travelling	0	18	9
0369	For day use, with inflated rim and india rubber suspension straps ...	1	0	6
0370	For day or night use	0	15	6

Surgical and Orthopædic Appliances, etc.—*continued.*



6371



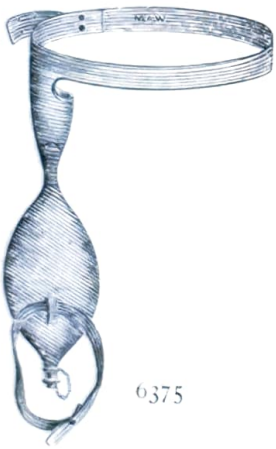
6372



6373

No.	**Urinals, Male—**	£	*s.*	*d.*
6371	For night use, with tube to conduct the urine into a receptacle outside the bed	0	8	9
6372	For night use, with inflated rim	0	14	0
6373	For day use and travelling, improved model, with inflated rim	0	14	0


6374



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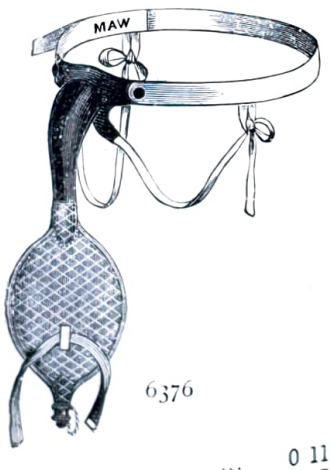


6376

6374	For day use	0	11	0
6375	For day use	0	7	0
6376	For day use and travelling	0	11	3



6377



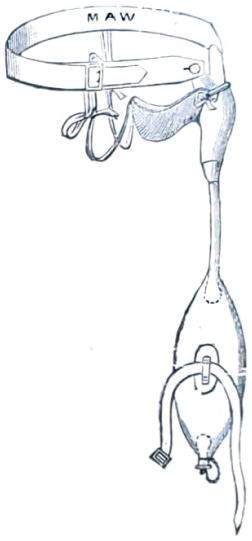
6378



6379

Surgical and Orthopædic Appliances, etc.—*continued.*

No.	**Urinals, Male**—*continued.*	£	s.	d.
6377	For day use, to contain penis and scrotum	0	12	0
6378	For temporary use during long meetings, etc.	0	4	0
6379	For day use ... ... child's, 7/6; adult's	0	9	0



6380



6381



6382

6380	For day or night use ... ... child's, 10/6; adult's	0	12	0
6381	For riding	0	5	3
6382	For day use, improved model with inflated rim	0	11	0



6383



6384

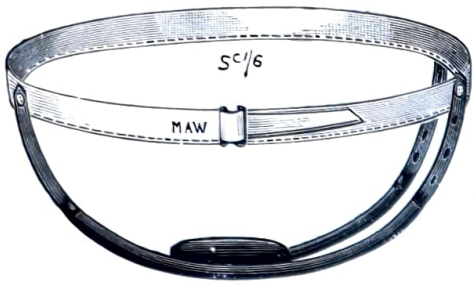


6385

6383	For receiving contents of both bowel and bladder, male or female ...	0	18	9
6384	*For extroversion of bladder	0	18	9
6385	Bag Urinal to slip over penis, with detachable thick walled tube, for use at night time ...	0	4	0

* Made to order only.

Surgical and Orthopædic Appliances, etc.—*continued.*

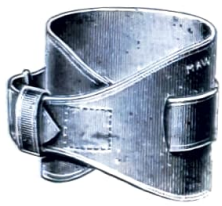


6386



6387

No.		£	*s.*	*d.*
	Vaginal and Rectal Supports—			
6386	Vaginal, with jean band and inflated pad	0	6	9
6387	Rectal, with jean band and inflated pad	0	6	9
6388	**Varicocele Ring**	0	0	8



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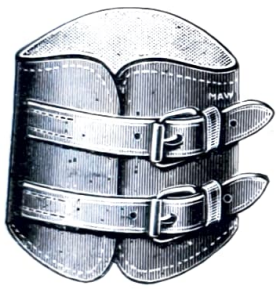

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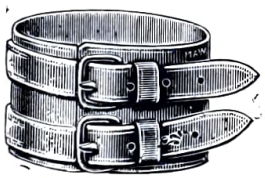


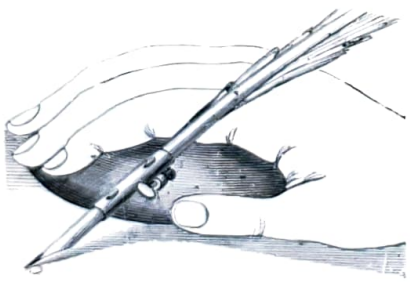
6391

Wristlets, leather—

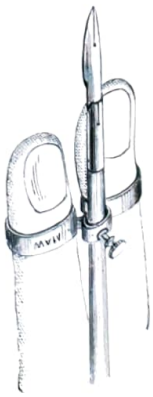
6389	With improved draw strap	0	1	0
6390	Broad, shaped to the wrist, with two straps	0	1	0
6391	Narrow, with two straps...	0	0	8



6392



6393



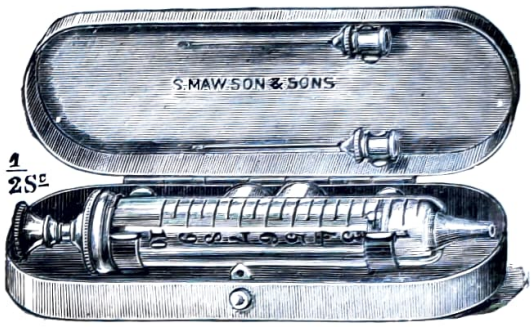
6394

Writer's Cramp Apparatus—

6392	*Mathieu's, for use between thumb and first finger	0	10	9
6393	*Duchenne's, with palm ball	0	18	6
6394	*Duchenne's, for use between first and second finger	0	10	6

* Made to order only.

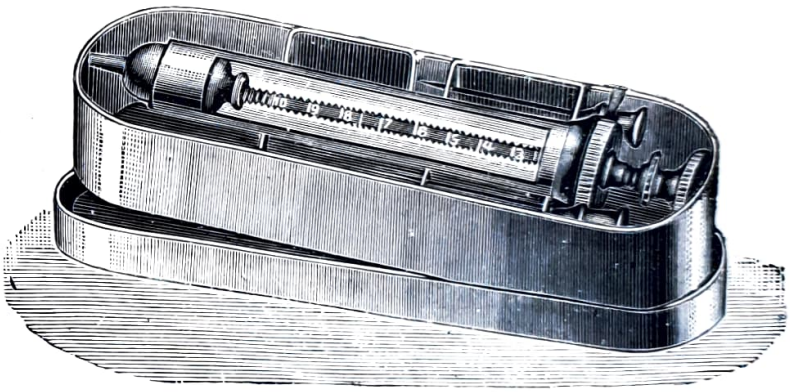
ANTITOXIN SYRINGES.

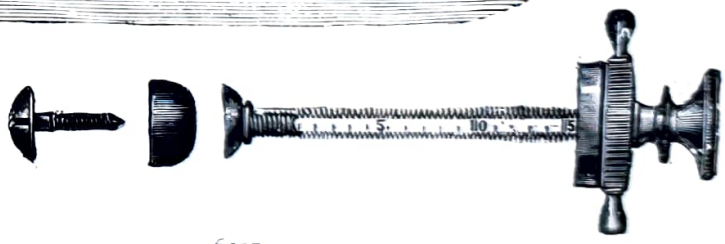


6395

No.		*£*	*s.*	*d.*
	With Asbestos Plunger—			
6395	10 c.c., with 2 steel needles in metal case	0	12	6
6396	20 c.c. do. do. do.	0	15	0

If supplied with platino-iridium needles 1¾ in. long, 4/6 per needle extra.



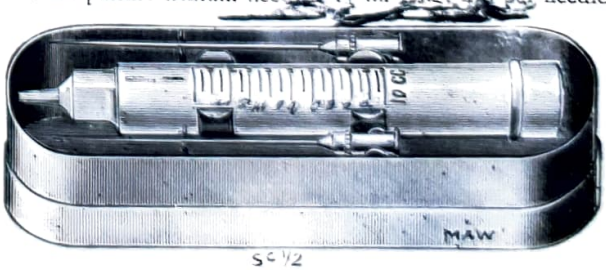


6397

With India-rubber Plunger—

6397	Roux's 10 c.c., with 2 steel needles, in metal case	0	10	0
6398	Do. 20 c.c., with 2 steel needles and spare barrel, in metal case ..	0	13	6

If supplied with platino-iridium needles 1¾ in. long, 4/6 per needle extra.



Sc ½

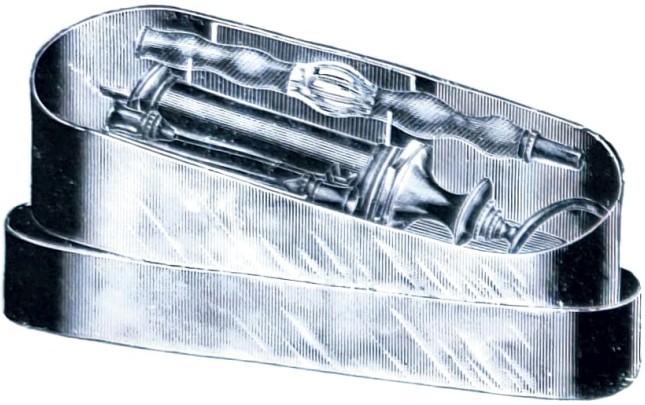
6399

With Glass Plunger—

6399	10 c.c. glass syringe, with removable ends, graduated barrel and 2 steel needles, in metal case	1	1	0
6400	5 c.c. do. do. do.	0	18	0

If supplied with platino-iridium needles 1¾ in. long, 4/6 per needle extra.

Antitoxin Syringes—*continued.*



6401



No.		£	s.	d.
	With Metal Plunger—			
6401	10 c.c. all Metal Syringe, with solid metal plunger and 2 steel needles in metal case...	0	12	6
6402	20 c.c. do. do. do.	0	15	0
	If supplied with platino-iridium needles $1\frac{3}{4}$ in. long, 4/6 per needle extra.			
	Accessories for Antitoxin Syringes—			
6403	India-rubber Tubing, extra stout ... ... per 4 in. length	0	0	4
6404	Needles, steel ... ... each, 2 in., 1/6; 3 in.	0	2	0
6405	Do. platino-iridium ... ... each, $1\frac{3}{4}$ in., 4/6; $2\frac{3}{4}$ in.	0	6	9
6406	Spare Barrels for Roux's Syringes ... ... each	0	0	6
6407	Spare Plungers for do. ... ... per doz.	0	3	0
6408	Spare Washers for do. ... ... ,,	0	1	0

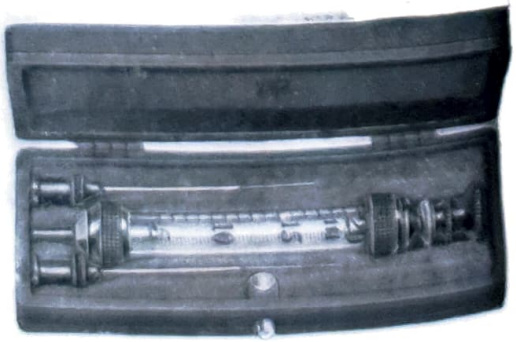
HYPODERMIC SYRINGES, Etc.



In Leather Cases—

6409 Glass Barrel, with plated sheath and mounts, and 6 patent aseptic interchangeable needles in glass tube 0 2 9



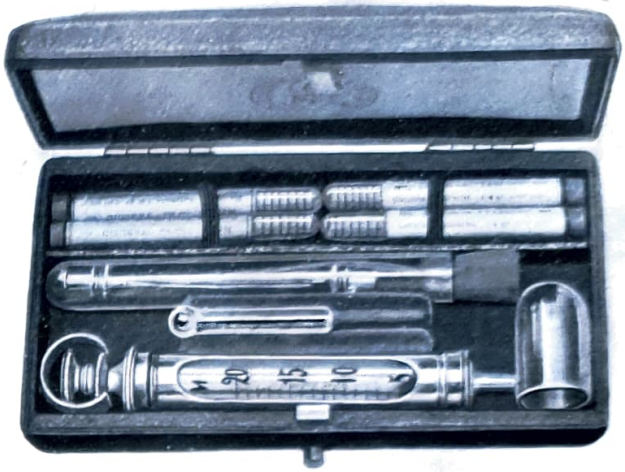


6410 Graduated Glass Barrel, with plated mounts and 2 steel needles

6411 Do. do. with Calorific Mounts, vulcanite barrel and 2 steel needles

Any of the above Syringes (except No.) can be supplied with platino-iridium needles at 4/6 per needle extra.

Hypodermic Syringes—*continued.*

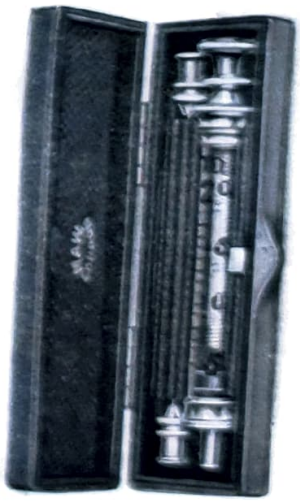


6412

No.	**In Leather Cases**—*continued.*	£ s. d.
6412	Old Army Regulation Pattern, nickel plated, with glass barrel, 2 platinum needles in glass tube, 4 tubes of tabloids, and glass pestle and mortar	0 12 6
6412*a*	Do. do. do. as No. 6412, but with 2 steel needles, and 1 platinum needle, and in metal, instead of leather, case	0 15 6



6413



6414

6413	Graduated glass barrel, with plated mounts, graduated piston rod, 2 steel needles, 12 tubes of tabloids, and glass pestle and mortar	0 12 6
6414	Graduated glass barrel, with side bars, plated mounts, self-lubricating piston, and 2 steel needles	0 8 0

If supplied with platino-iridium needles, 2/- per needle extra.



6415

½ Size

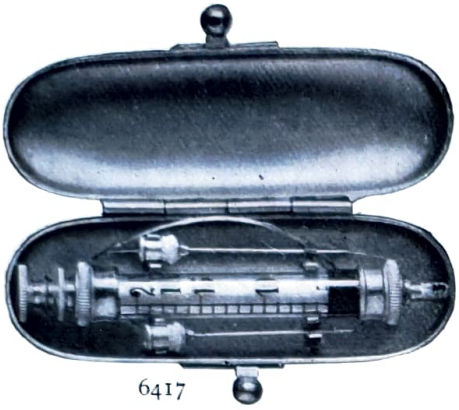
No. **In Metal Cases**—

6415 Graduated glass barrel, with plated mounts, fly nut, self-lubricating piston, 2 steel needles, exploring needle, glass pestle and mortar, and metal box for tabloids ... 0 15 0

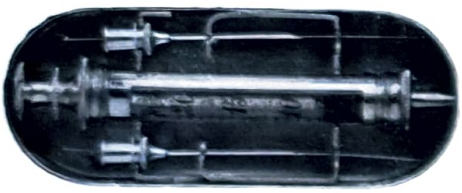
Hypodermic Syringes, etc.—*continued.*



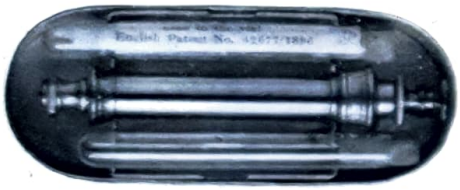
6416



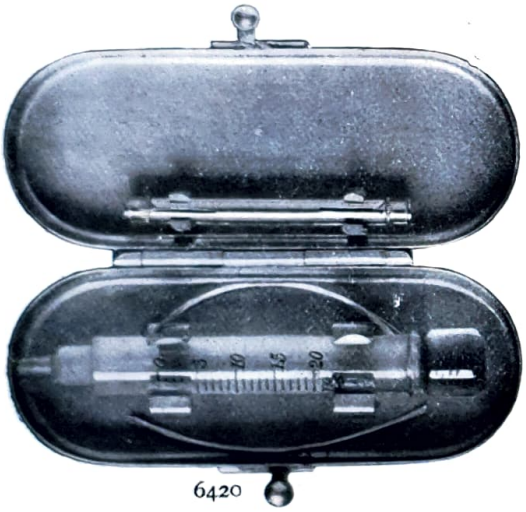
6417



6418



6419



6420

No.	**In Metal Cases**—*continued.*	£	*s.*	*d.*
6416	All Metal Syringe, with solid metal piston, fly-nut, and 2 steel needles...	0	5	0
6417	Plated Syringe, with glass barrel, fly-nut, leather piston and 2 steel needles...	0	4	6
6418	Glass Syringe, with plated mounts, with side bars, self-lubricating leather piston and 2 steel needles	0	8	6
6419	All Metal Syringe, with solid metal piston and 6 patent aseptic interchangeable needles	0	5	0
6420	All Glass Syringe, with solid glass piston and detachable end-piece	0	10	0

This is an improvement on the usual form of All Glass Syringe, in that the end is loose and is thus less liable to breakage by the sudden impact of the piston, and when the end is removed a tabloid can be dropped into the syringe.

Any of the above Syringes (except No. 6419) can be supplied with platino-iridium needles at an additional charge of 2/- per needle.

Hypodermic Accessories—

6421	Needles, with plated mounts, steel	each	0	1	0
6422	Do. do. platino-iridium ...	,,	0	2	0
6423	Do. with vulcanite mounts, steel	,,	0	0	5
6424	Extra charge for needles made to order	...	0	0	6
6425	Spare Glass Barrels	each from	0	1	0
6426	Renewal of Piston Leathers	...	0	0	8

6427 **Hypodermic Discs** (Savory & Moore), in small glass tubes ... per tube 0 2 6

Aconitia	gr. $\frac{1}{60}$	Ergotine	gr. $\frac{1}{2}$
Apomorphia ...	gr. $\frac{1}{10}$	Hyoscyamine ...	gr. $\frac{1}{100}$
Atropine Sulphate	gr. $\frac{1}{100}$	Morphia	gr. $\frac{1}{4}$
Atropine Sulphate	gr. $\frac{1}{150}$	Physostigmine ...	gr. $\frac{1}{100}$
Morphia	gr. $\frac{1}{4}$	Pylocarpine ...	gr. $\frac{1}{2}$
Caffeine	gr. $\frac{1}{2}$	Strychnine ...	gr. $\frac{1}{60}$
Digitalin	gr. $\frac{1}{100}$		

Hypodermic Syringes, etc.—*continued.*

Hypodermic Solutions (Huggett's), in Glass Tubes—

No.			No.		
6428	Apomorphine, per case of 6 tubes	2/0	6431	Eserine ... per case of 6 tubes	2/6
			6432	Ergotine ... ,, ,, 6 ,,	2/0
6429	Chloral ,, ,, 6 ,,	2/0	6433	Morphia ... ,, ,, 6 ,,	2/0
6430	Cocaine ,, ,, 6 ,,	2/6	6434	Pilocarpine ,, ,, 6 ,,	3/6

Hypodermic Solutions (Huggett's), in Stoppered Bottles—

		¼-oz.	½-oz.	1-oz.	No.		¼-oz.	½-oz.	1-oz.
6435	Aconitine ...	1/–	1/6	2/6	6444	Eserine	3/–	5/6	10/–
6436	Apomorphine ...	1/6	2/6	5/–	6445	Hyoscyamine ...	2/6	4/6	8/–
6437	Atropine ...	1/3	2/–	3/6	6446	Morphia ...	1/–	1/6	2/6
6438	Caffeine	1/3	2/–	3/6	6447	Do. and Atropine ...	1/3	2/–	3/6
6439	Chloral	1/3	2/–	3/6					
6440	Cocaine	1/6	2/6	5/–	6448	Nitroglycerine ...	1/3	2/–	3/6
6441	Curare	1/6	2/6	5/–	6449	Pilocarpine ..	5/–	9/4	17/6
6442	Digitalis ...	1/6	2/6	5/–	6450	Strychnine ...	1/3	2/–	3/6
6443	Ergotine ...	1/–	1/6	2/6					

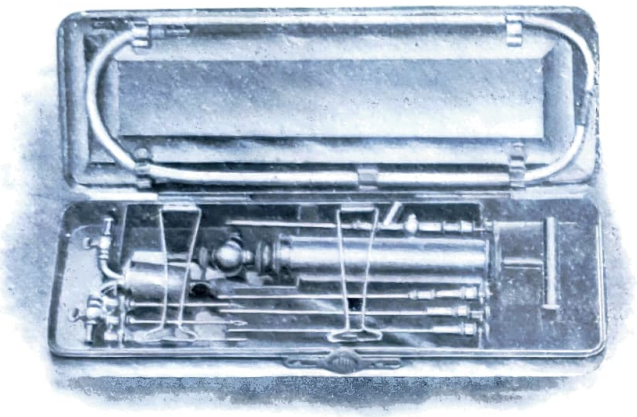
The stoppered bottles are recommended in preference to the glass tubes, as the latter are liable to leak and the solutions to become discoloured.

Hypodermic "Tabloid" brand products (B. W. & Co.)—

		Per doz. tubes. £	s.	d.
6451	* Anæsthetic Compound, A. ... ... ℞ Cocainæ Hydrochlor. ... ... gr. 1/10 [0.0065 gm.] Morphinæ do. ... ... gr. 1/50 [0.0013 gm.] Sodii Chlordii ... ... gr. ½ [0.013 gm.]	0	8	0
	One to be dissolved in min. 110 *of sterile water.*			
6452	Apomorphine Hydrochloride ... ... gr. 1/75 [0.0043 gm.]	0	6	0
6453	Atropine Sulphate... ... ... gr. 1/100 [0.00065 gm.]	0	6	0
6454	*Caffeine Sodio-salicylate ... ... gr. ½ [0.032 gm.]	0	8	0
6455	Cocaine Hydrochloride ... ... gr. ⅙ [0.011 gm.]	0	6	0
6456	* Do. do. ... ... gr. ¼ [0.016 gm.]	0	6	0
	Cocaine is liable to sudden and wide fluctuations in price.			
6457	Digitalin ... ... gr. 1/100 [0.00065 gm.]	0	6	0
6458	Digitalin ... ... gr. 1/100 [0.00065 gm.] Strychnine Sulphate ... ... gr. 1/100 [0.00065 gm.]	0	6	0
6459	Ergotinine Citrate ... ... gr. 1/200 [0.00032 gm.]	0	8	0
6460	Eserine Salicylate (Physostigmine Salicylate) ... gr. 1/100 [0.00065 gm.]	0	6	0
6461	*Eucaine Hydrochloride ... ... gr. ½ [0.022 gm.]	0	6	0
6462	Hyoscine Hydrobromide ... ... gr. 1/500 [0.00032 gm.]	0	6	0
6463	Hyoscine Compound, A. ... ... ℞ Hyoscinæ Hydrobrom. ... gr. 1/150 [0.00065 gm.] Morphinæ Sulphatis ... gr. ¼ [0.011 gm.] Atropinæ do. ... gr. 1/150 [0.00030 gm.]	0	8	0
6464	Morphine Hydrochloride ... ... gr. ⅛ [0.011 gm.]	0	6	0
6465	Do. do. ... ... gr. ¼ [0.016 gm.]	0	6	0
6466	* Morphine Hydrochloride ... ... gr. ⅙ [0.011 gm.] Atropine Sulphate ... ... gr. 1/150 [0.0009 gm.]	0	6	0
6467	Morphine Sulphate ... ... gr. ⅛ [0.008 gm.]	0	6	0
6468	Do. do. ... ... gr. ⅙ [0.011 gm.]	0	6	0
6469	Do. do. ... ... gr. ¼ [0.016 gm.]	0	6	0
6470	Morphine Sulphate ... ... gr. ⅙ [0.011 gm.] Atropine Sulphate ... ... gr. 1/150 [0.00030 gm.]	0	6	0
6471	Morphine Sulphate ... ... gr. ¼ [0.016 gm.] Atropine Sulphate ... ... gr. 1/100 [0.00043 gm.]	0	6	0
6472	Morphine Sulphate ... ... gr. ¼ [0.016 gm.] Strychnine Sulphate ... ... gr. 1/60 [0.00108 gm.]	0	6	0
6473	Morphine Tartrate ... ... gr. ¼ [0.016 gm.]	0	6	0
6474	Pilocarpine Nitrate ... ... gr. 1/100 [0.0065 gm.]	0	9	0
	Pilocarpine is liable to sudden and wide fluctuations in price.			
6475	*Potassium Permanganate ... ... gr. 2 [0.13 gm.] ...	0	6	0
6476	*Quinine Bihydrochloride (Quinine Acid Hydrochloride) ... ... gr. 1 [0.065 gm.]...	0	6	0
6477	*Quinine Hydrobromide ... ... gr. ½ [0.032 gm.]...	0	8	0
6478	Strychnine Nitrate ... ... gr. 1/75 [0.0043 gm.]	0	8	0
6479	Do. Sulphate ... ... gr. 1/100 [0.00065 gm.]	0	6	0
6480	Do. do. ... ... gr. 1/60 [0.00108 gm.]	0	6	0
6481	Trinitrin (Nitroglycerine) ... ... gr. 1/400 [0.00026 gm.]	0	6	0

In Tubes containing 20 *each, except those marked with an asterisk, which contain only* 12.

ASPIRATORS AND EXPLORING SYRINGES.



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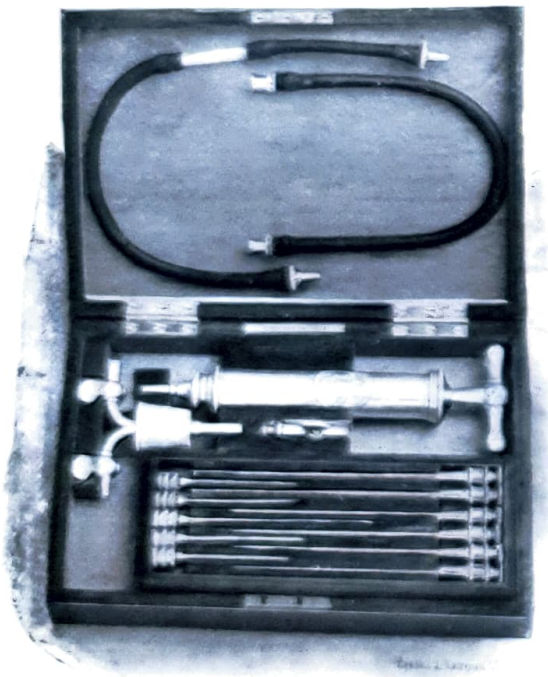
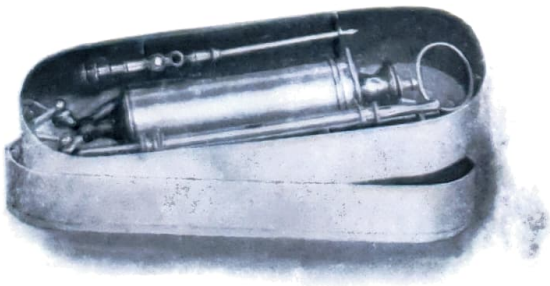


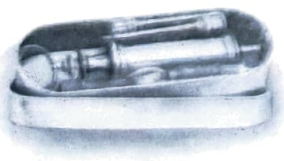
6483



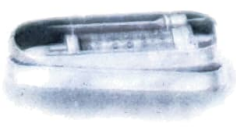
6484



6485



6486



6490

Aspirators and Exploring Syringes—*continued.*

No.		£	*s.*	*d.*
	Aspirators—			
6482	Potain's, with solid metal plunger, 3 trocars, canulæ and blunt pilots, and 2 needles, in aseptic metal case, with lift-out rack	2	10	0
6483	Do. do. superior make, in polished oak case	3	10	0
6484	MAW's, brass, adaptable to any size bottle, with 3 needles, in polished oak case	1	5	6
6485	Dieulafoy's, all metal, with solid metal plunger, trocar and canula, 2 needles, and 2 ear pipes, in aseptic metal case	2	10	0
6486	Do. with glass barrel, plated mounts, 2 trocars and canulæ, and 4 needles, in aseptic metal case, with lift-out rack	3	0	0
6487	Do. with glass barrel, plated mounts, 2 trocars and canulæ, and 4 needles, in leather covered case	2	12	6
6488	"Miniature," with 2 needles, in aseptic metal case	1	0	0
	Exploring Syringes—			
6489	All Metal Syringe, 10 c.c., with solid metal plunger and 2 long exploring needles, in aseptic metal case	0	14	0
6490	Glass Syringe, 60 m., with side bars, nickel plated mounts, self-lubricating piston, 2 needles, and silver sinus pipe, in aseptic metal case	0	17	6
6491	Do. 80 m. do. do. do. ...	1	0	0



6492

6492	Glass Syringe, 60 m., with nickel plated mounts and side bars, self-lubricating piston and 2 needles, in leather case	0	15	0
6493	Do. 80 m. do. do.	0	17	0
6494	Do. 60 m., as No. 6492, but with the addition of a silver sinus pipe ...	0	17	0
6495	Do. 80 m. do. do. do. do. ...	0	19	0

TROCARS.



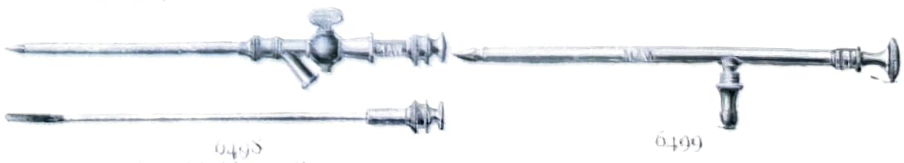
6496



6497

Ascites—

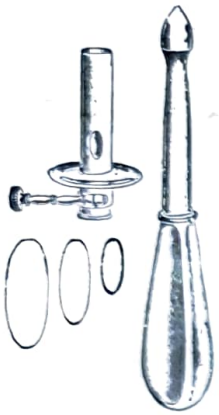
6496	With shoulder at proximal end of canula for attachment of tubing, 2 sizes, 6/6 and	0	7	6
6497	With stop-cock, two sizes... ... ... 16/- and	0	17	0



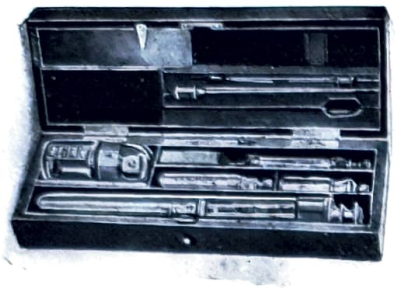
6498 6499

6498	Potain's, with blunt pilot	0	9	6
6499	Thompson's, with side branch	0	7	6

Trocars—*continued.*



6500



6501



6502

No.		*£*	*s.*	*d.*
	For Empyema—			
6500	Turner's, with adjustable silver canula, 3 sizes ... ... per set	2	10	0
	For Exploring—			
6501	Rhodes's set, consisting of bottle of ether for cleansing the skin, cocaine 1 per cent., hypodermic syringe, pure carbolic for applying to the seat of operation, aseptic exploring syringe with 2 needles in glass tube, and space for isinglass plaster, in polished mahogany case	1	16	0
6502	Pocket Exploring Trocar, with silver canula, in screw metal case, 4 sizes each	0	5	0

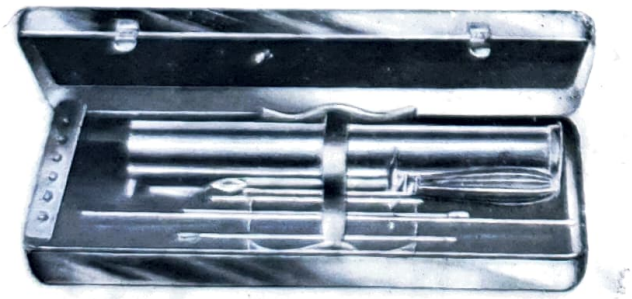
Sc/2



6503

For Hydrocele—

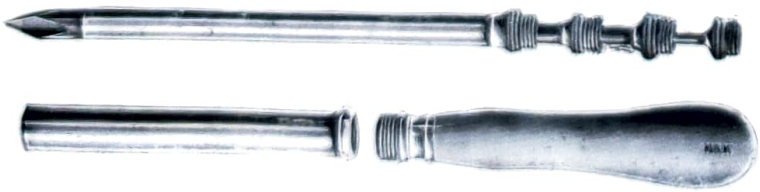
6503	With canula to fit hydrocele syringe	0	5	6
6504	Do. do. with hydrocele syringe, in leather case	0	18	0
6505	Syringe alone, ivory mounted	0	7	6



6507

For Liver Abscess—

6505*a*	Cantlie's, in japanned tin case	3	15	0
6506	Godlee's, grooved, with metal handle	1	0	0
6507	Patrick Manson's, in aseptic metal case	3	0	0

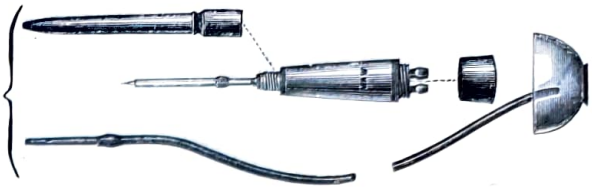


6508

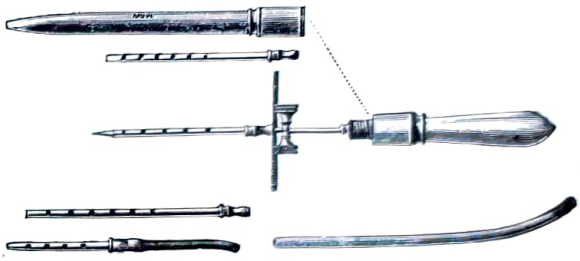
Pocket Trocars—

6508	Set of 3, nested, with metal handle and screw cap	0	7	6
6509	Set of 4 do. do. do. do.	0	9	6

Trocars—*continued.*

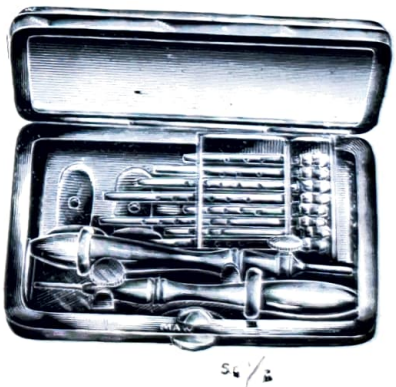


6510



6512

No.	**Southey's Capillary Trocars—**	£	s.	d.
6510	For Anasarca, with metal handle, and 4 ft. of capillary tubing	0	8	6
6511	Do. do. do. in aseptic metal case	0	12	6
6512	For Ascites, with metal handle, shield, and 4 ft. of capillary tubing	0	13	6
6513	Do. do. do. in aseptic metal case	1	1	0



6514

6514	Combined set, for Anasarca and Ascites, with metal handles and shield, in aseptic metal case, with 4 ft. of capillary tubing	1	10	0
6514*a*	Do. do. do., in leather case...	1	8	0



6515



6516

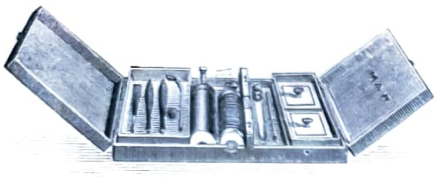
Thoracic Trocars—

6515	Douglas Powell's	0	15	6
6516	Roberts's, with stop-cock and silver canula, in metal handle, 3 sizes ... each	0	12	6

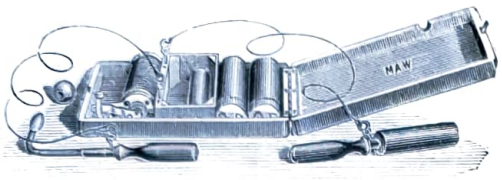
(For Bladder Trocars, see pages 157 and 158.)

ELECTRO-MEDICAL APPARATUS.

BATTERIES AND ELECTRODES.

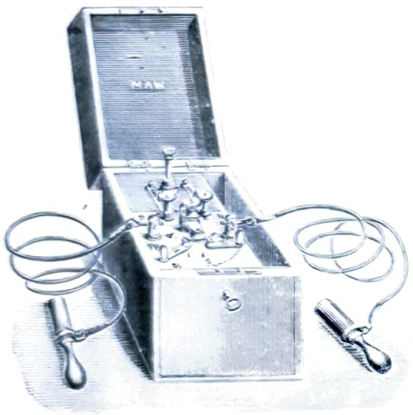


6517

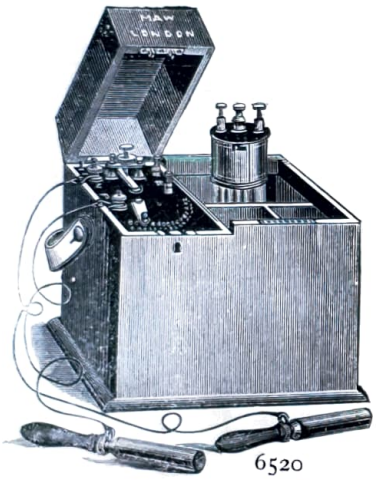


6518

No.	**Batteries,** Induced Current for Faradization—	£	s.	d.
6517	Gaiffe's, with two bisulphate of mercury cells, cords, and handles, in polished mahogany case: size, 6½ in. by 3¾ in. by 1½ in.; weight, 19 oz.	1	4	0
6518	Gaiffe's, with two chloride of silver cells, cords, handles, and two electrodes in polished mahogany case; size, 6½ in. by 4 in. by 1½ in.; weight, 19 oz.	2	2	0

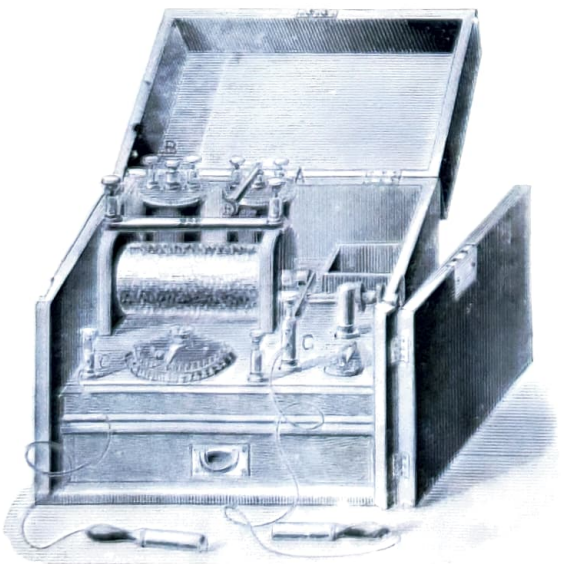


6519



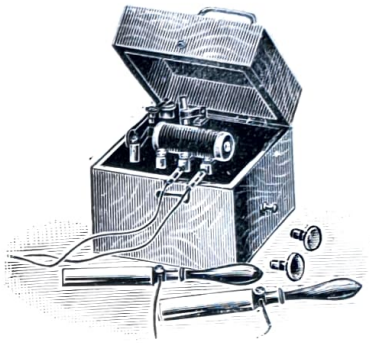
6520

6519	Mackenzie's, with large glass bichromate cell, commutator for primary and secondary current, lever for regulating the strength of the current, cords, handles, and two electrodes, in polished mahogany case; size, 6½ in. by 5 in. by 5 in.; weight, 3¾ lbs.	2	5	0
6519a	Do. do. with dry cell	2	3	6
6520	Middlesex Hospital Model, with bottle bichromate cell in separate lead-lined compartment, commutator for primary and secondary current, lever for regulating the strength of the current, cords, handles, and two electrodes, in polished mahogany case; size, 7½ in. by 6½ in. by 7½ in.; weight, 8¼ lbs.	3	17	6

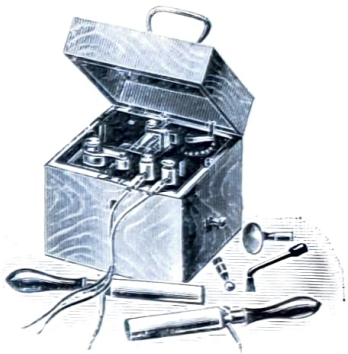


Electro Medical Apparatus—*continued.*

No.	**Batteries,** Induced Current—*continued.*	£	s.	d.
6521	Police Surgeon's Battery, with fittings as No. 6520, but with two bichromate cells instead of one ... ... Size, 11½ in. by 10½ in. by 9 in.; weight, 17 lbs.	7	12	6
6522	Bichromate salts for charging bichromate cells, in bottles sufficient for ½ pt., 1 pt. or 2 pts. ... ... per bottle, –/7, 1/2 and	0	2	0
6523	Conducting Cords, silk covered ... ... per pair	0	1	0

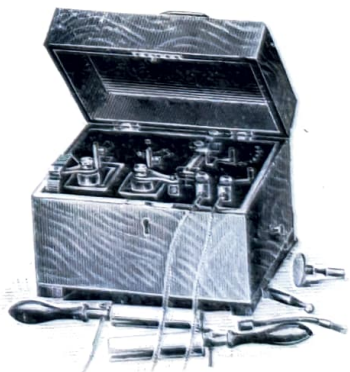


6524



6526

6524	Spamer's, with single bichromate cell, cords, handles, sponge carriers, spare zincs and 2 electrodes, in polished mahogany case ... ... Size, 6½ in. by 3 in. by 5 in.; weight, 2½ lbs.	1	0	0
6525	Do. do. with dry cell	1	0	0
6526	Spamer's, with single bichromate cell, commutator for primary and secondary current, lever for regulating the strength of the current, cords, handles, sponge carriers, spare zincs and three electrodes, in polished mahogany case ... ... Size, 5 in. by 5 in. by 5 in.; weight, 3½ lbs.	1	13	0
6527	Do. with dry cell do. do.	1	13	0

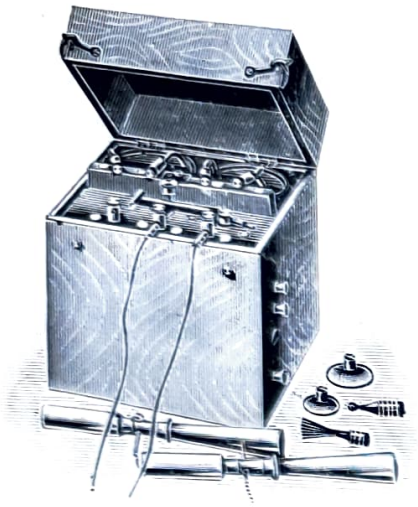


0528

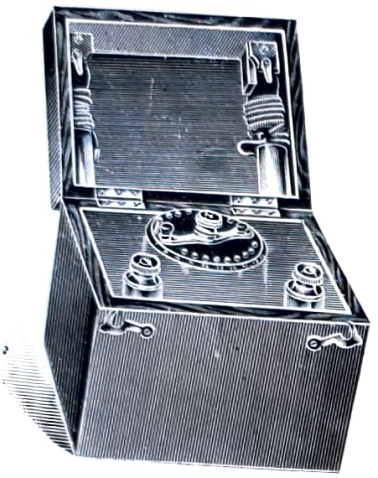
6528	Spamer's, with connections and fittings as No. 0526, but with two bichromate cells instead of one, and polished mahogany case ... ... Size, 7¼ in. by 5¼ in. by 5 in.; weight, 5½ lbs.	2	8	0
6529	Do. do. with two dry cells	2	8	0
6530	Spare Dry or Wet Cells for recharging batteries Nos. 0524 to 0529, each	0	3	6
6531	Spare Zincs for do. ... per doz., round, 2/–; square	0	2	6

N.B.—All batteries supplied by S. MAW, SON & SONS are carefully tested before being sent out, but a safe delivery cannot be guaranteed since they often meet with rough treatment during transit. A battery that has once been used cannot under any circumstances be exchanged or credited.

Electro-Medical Apparatus—*continued.*



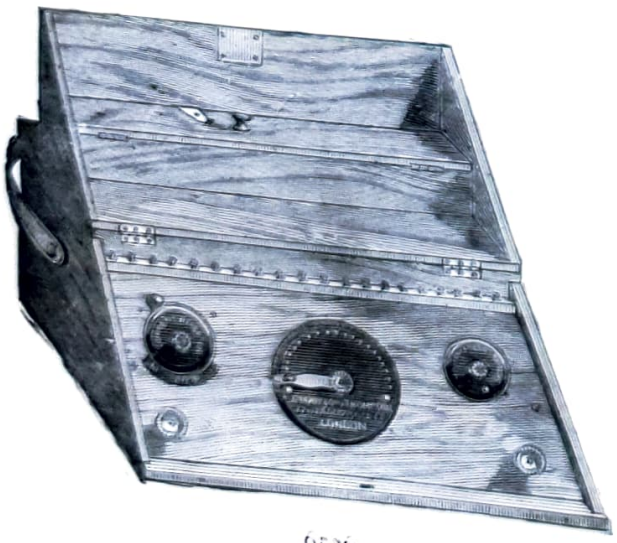
6532



6534

No.		£	*s.*	*d.*
6532	**Batteries,** Induced Current—*continued.* "The Stirling," with 2 dry cells, commutator for primary and secondary current, rack for regulating the strength, cords, handles, sponge carriers, and four electrodes, in oak case ... ... Dimensions, 7 in. by 6¾ in. by 8 in.; weight, 9 lbs. 10 oz.	1	17	6
	Batteries, Constant Current, for Galvanism— Leclanché, dry cell, with MAW's registered "cut-out" mechanism, cords, handles, and sponge carriers, in polished walnut case, 3 sizes—			
6533	12 cells, size 7 in. by 7 in. by 7½ in.; weight 10 lbs.	3	0	0
6534	20 cells, size 8½ in. by 7 in. by 7½ in.; weight 14 lbs.	3	17	6
6535	40 cells, size 13 in. by 12 in. by 7½ in.; weight 29 lbs.	10	0	0

The advantage gained by the above-mentioned "cut-out" mechanism is considerable since each set of cells of which the battery is composed can be used to an equal extent until all are worn out, whereas in the usual form of battery the first few cells, from constant use, are soon exhausted, and the whole battery is thereby rendered useless until they are replaced



6536

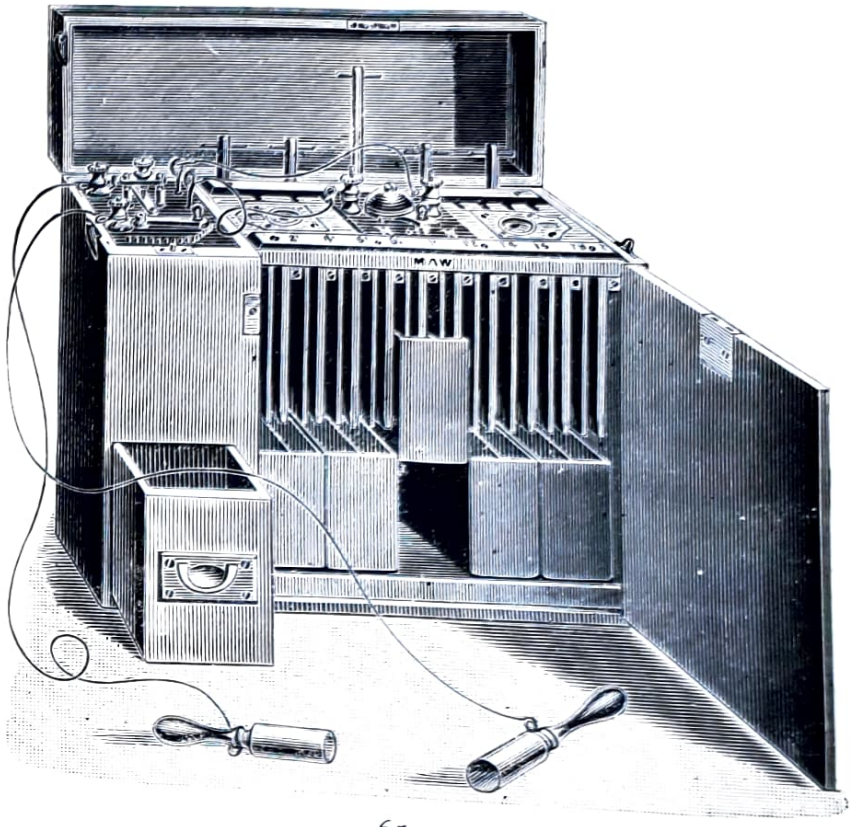


6539

Leclanché, with current reverser and interruptor, cords, handles and sponge carriers, in polished walnut case, 3 sizes—

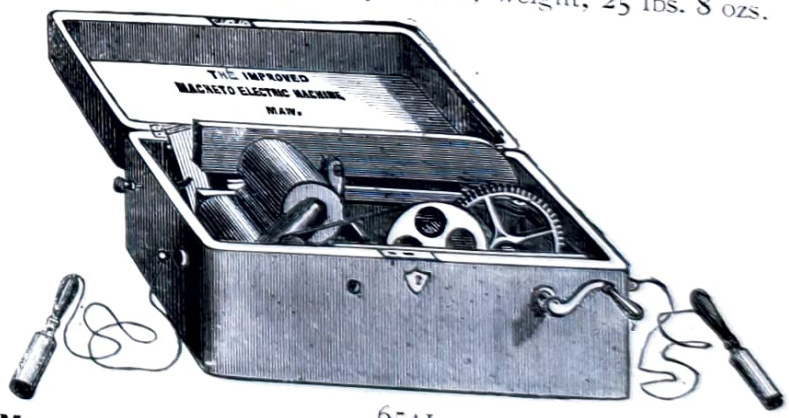
6536	20 cells, size 12½ in. by 9½ in. by 8 in.; weight 18 lbs.	6	12	6
6537	32 cells, size 14½ in. by 12½ in. by 8 in.; weight 30 lbs.	9	5	0
6538	50 cells, size 16½ in. by 13½ in. by 8 in.; weight 38 lbs.	12	12	0
6539	Grenet's Bichromate Bottle, 4 sizes ½ pt. 4/- ... 1 pt. 5/6 ...			

Electro-Medical Apparatus—*continued.*



6540

No.		£	*s.*	*d.*
6540	**Battery,** Combined, for Constant and Induced Current— MAW'S, 20 cells, with current collector, current reverser, cords and handles, in polished mahogany case ... ... Sizes, 14½ in. by 6½ in. by 12 in.; weight, 25 lbs. 8 ozs.	10	0	0

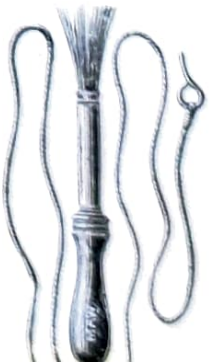


6541

6541	**Electro Magnetic Machines**— Best quality only, double action, with double magnet, cords, handles and sponge carriers; dimensions, 10 in. by 5¼ in. by 4½ in.; weight, 0¾ lbs. ..	2	0	0
6542	Common quality, single action, with single magnet	1	4	0

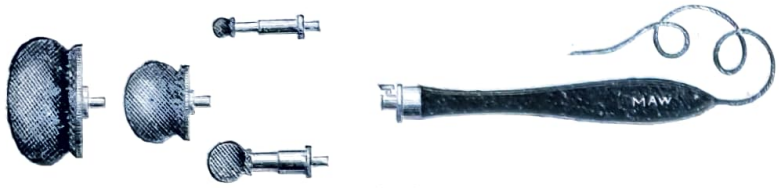


6543



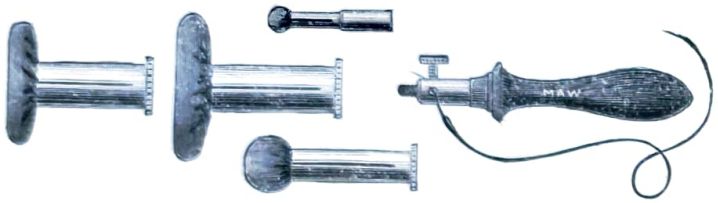


Electro-Medical Apparatus—*continued.*



6546

No.	**Electrodes**—*continued.*	£	*s.*	*d.*
6546	Carbons, button shape, set of 4, chamois-covered, with handle	0	12	9



6547

6547	Carbons, flat, set of 4, chamois-covered, with brass stems and handle ...	0	11	6



6548

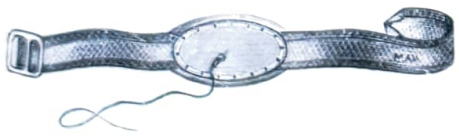


6549

6548	Ear Rod, with handle and connecting wire	0	6	0
6549	Eye Cup, with rod, handle and connecting wire	0	5	6
6550	Brush for skin massage	0	7	6

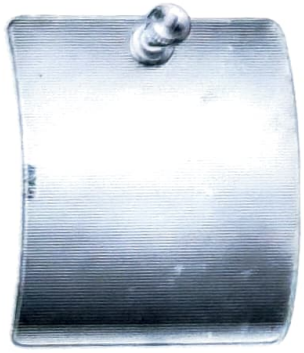


6551

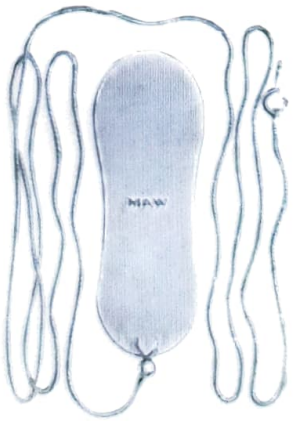


6552

6551	Knee Strap, with buckle and chamois-covered pad	0	4	6
6552	Throat Band, with buckle and chamois-covered pad	0	4	0



6553



6554

6553	Stomach Plate, with leather cover	0	4	0
6554	Foot Plate do. with long connecting wire	0	3	9

Electro-Medical Apparatus—*continued.*



6555



6556

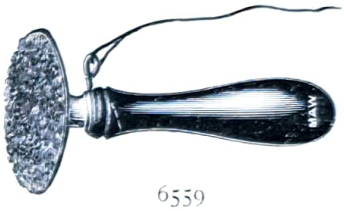


6557

No.	**Electrodes**—*continued.*	£	*s.*	*d.*
6555	Rod Electrode, for bladder, with connecting cord	0	5	6
6556	Do. do. for vocal chords, with contact breaker on handle	0	6	6
6557	Roller Electrode, for sciatica, etc., with handle	0	5	6



6558



6559



6560

6558	Sponge Electrode, round	0	3	6
6559	Do. do. do. with handle	0	4	9
6560	Do. do. oval	0	3	6

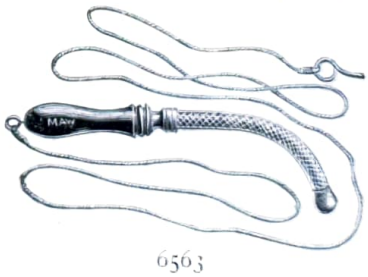


6561

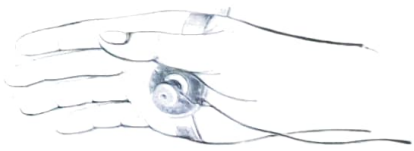


6562

6561	Tooth Electrode, with connecting wire	0	3	6
6562	Uterine Electrode, cup shape, with connecting wire	0	6	0

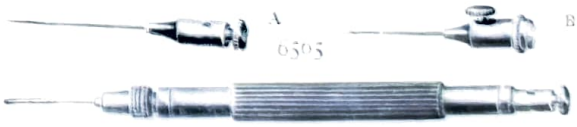


6563



6564

6563	Vaginal Electrode, covered with elastic gum	0	6	3
6564	Writer's Cramp Electrode, for palm of hand, with strap and buckler ...	0	5	6



6565

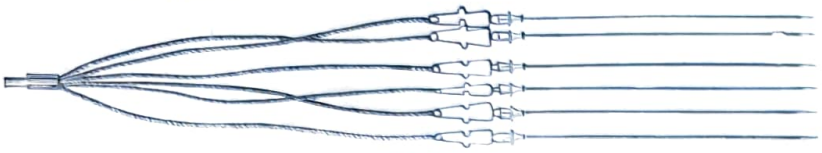
6568

Electrodes, for Electrolysis and the treatment of Strictures, etc.—

For ELECTROLYSIS NEEDLES, for the treatment of Hairs and Nævi, etc.—

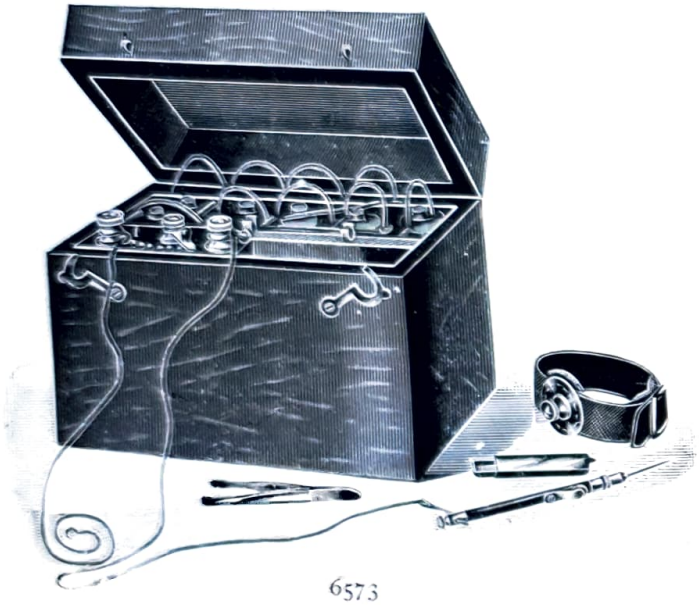
6565	Mount, with steel needle, A and B ... ... each	0	1	6
6566	Do. with platinum needle ... ... ,,	0	3	6
6567	Do. with gold needle ... ... ,,	0	3	6
6568	Needle Holder, for use with steel, platinum or gold needle ... ,,	0	4	6
6569	Do. do. with interruptor ... ... ,,	0	10	6
6570	Needles for use with needle holder, steel, per doz., 1/9; platinum, each, 2/6; gold, 9-ct., each	0	2	0
6571	Do. do. with insulated shafts and flat platinum points for destruction of tumours, etc. ... ... each	0	1	9

Electro-Medical Apparatus—*continued.*



6572

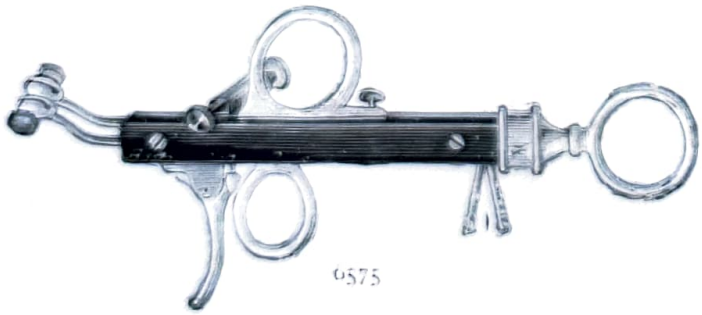
No.	**Electrodes,** for Electrolysis, etc.—*continued.*	£	s.	d.
6572	Needles, with elastic gum covered platinum needles—Leash of 2, 8/-; leash of 4, 16 6; leash of 6	1	1	0



6573

6573	Complete set of apparatus for destruction of hairs, etc., consisting of 10 cell battery, with lever for inserting the cells two by two, needle holder, No. 6568, bracelet electrode, No. 6543, platinum needles, connecting wires and epilation forceps	3	5	0
6574	Milliampère Meter, for use with above	2	8	0

GALVANO-CAUTERY APPLIANCES.



6575

Cautery Handles—

6575	Universal Handle, Scheeh's, for burners and snares	1	5	0



6576

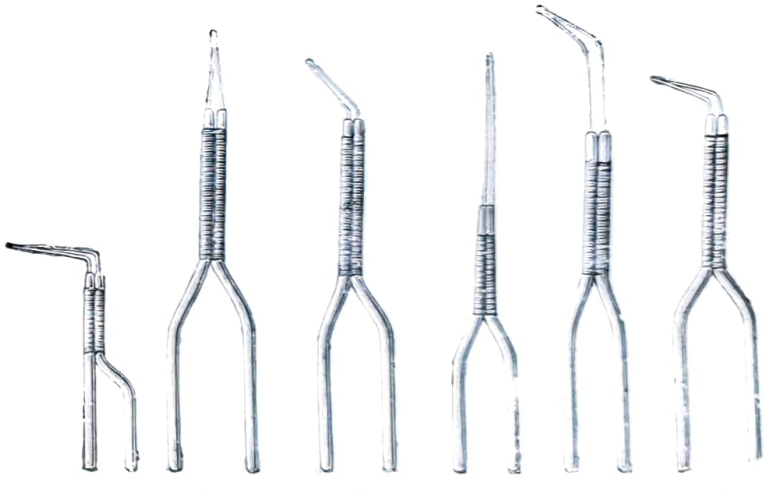
6576	Ordinary Handle ... ... for general work, 12/6; for eye work	0	13	6

Electro-Medical Apparatus—*continued.*



6577

No.	**Cautery Handles, etc.**—*continued.*	*£ s. d.*
6577	Universal Handle, Kutner's, for burners and snares (exclusive of snare shewn in illustration)...	1 7 6



6578

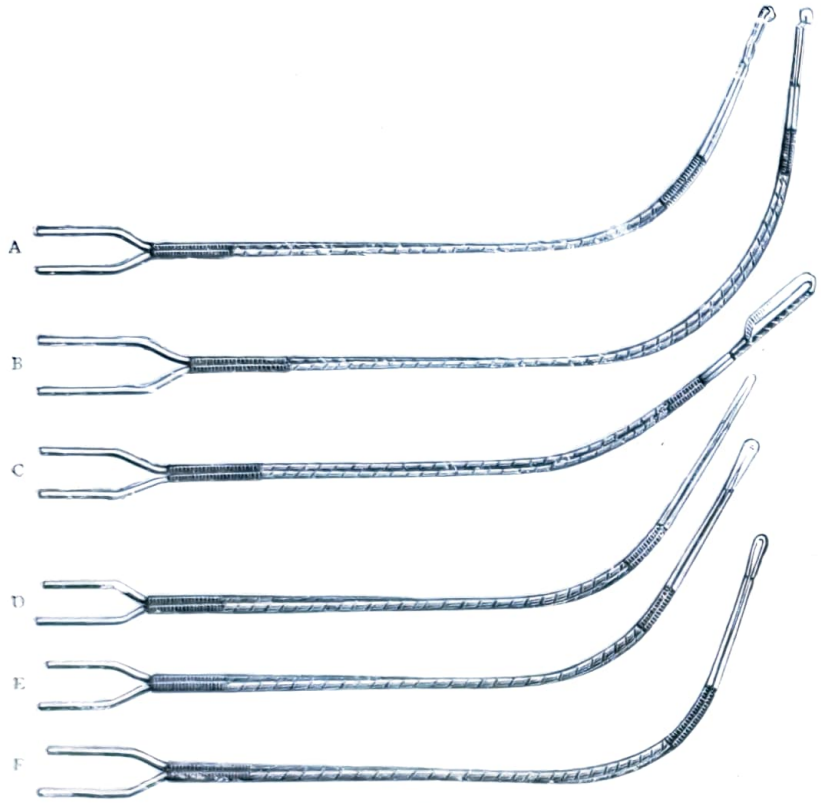
6578	**Cautery Points,** with platinum burners— For the eye, 6 varieties, A, B, C, D, E, F ... ... each	0 2 0



6579

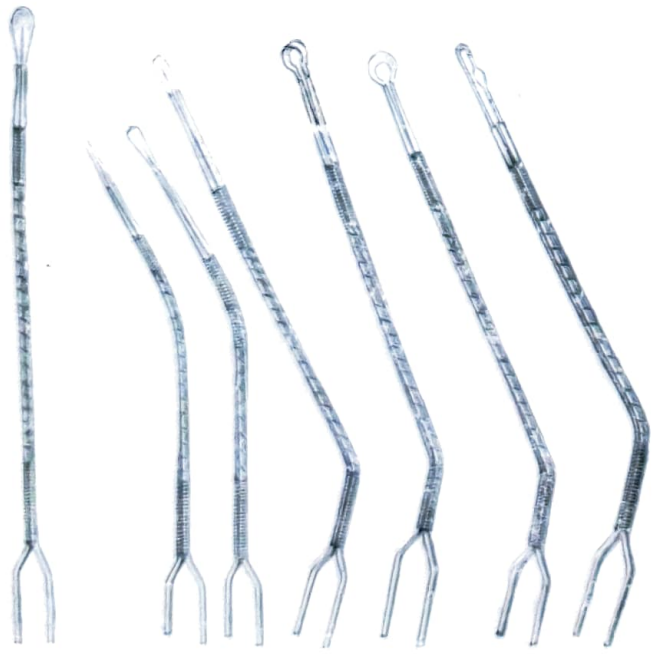
6579	For the ear, 5 varieties, A, B, C, D, E ... ... each	0 2 6

Electro-Medical Appliances—*continued.*



6580

No.	**Cautery Points,** with platinum burners—*continued.*	£	*s.*	*d.*
6580	For the larynx, 6 varieties, A, B, C, D, E, F ... ... each	0	3	6



6581

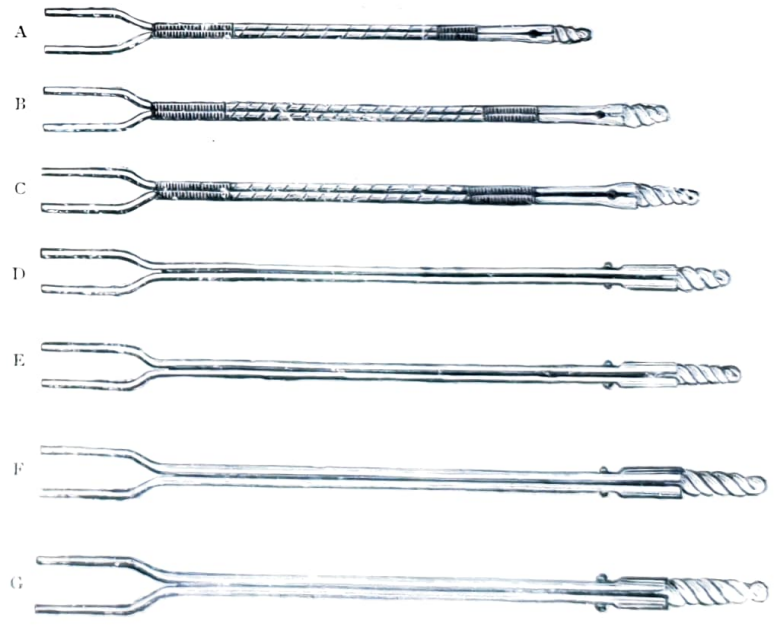
6581	For the nose, 7 varieties ... ... each A, B, C, D, E, F, G	0	3	6

Electro-Medical Appliances—*continued.*



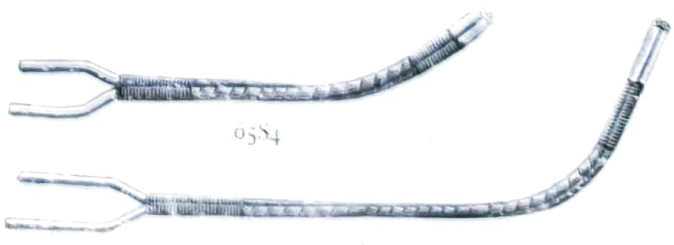
6582

No.	**Cautery Points,** with platinum burners—*continued.*	£	s.	d.
6582	For the nose, 4 varieties, A, B, C and D ... ... each	0	3	0



6583

6583	**Cautery Points,** with porcelain burners, 7 varieties A, B, C, D, E, each, 3 – ; F, 4/6 ; G	0	6	0



6584

6585

6584	**Snare Canula,** for nose ... ... each	0	2	6
6585	Do. for larynx ... ... ,,	0	3	0

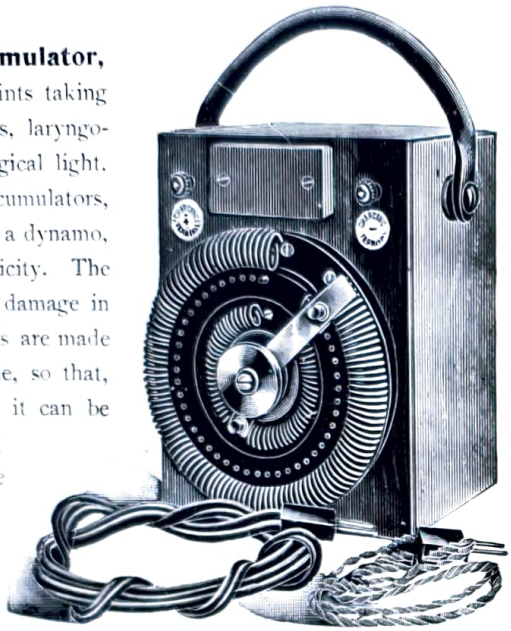
No. **Electro-Medical Apparatus**—*continued.*

6586 **Cautery and Electric Light Accumulator,** 4 cell, 10 a.h., suitable for cautery points taking from 4–15 amperes, and for cystoscopes, laryngoscopes, or any other special form of surgical light. The cells are of the type known as accumulators, and require periodically charging from a dynamo, or other source of direct current electricity. The rheostat is detachable, and the risk of damage in transit is thereby minimised. The cells are made of celluloid, and are readily detachable, so that, in the event of one becoming broken, it can be replaced by the owner without having to return the whole apparatus to the maker.

Dimensions, 4½ in. by 5½ in. by 6½ in.

Weight, 10 lbs.

£6 6*s.* 0*d.*



6586

(For other Accumulators, see page 385.)

6587 **Cautery and Electric Light Bichromate Battery,** for use with platinum cautery points, etc.—



6587

The acid for use in this Battery is made by dissolving 1 lb. of bichromate of potash in a gallon of warm water, and slowly adding 2½ lbs. of strong sulphuric acid, gently stirring all the while. Whilst still hot, 4 ozs. of bisulphate of mercury must be added to the solution.

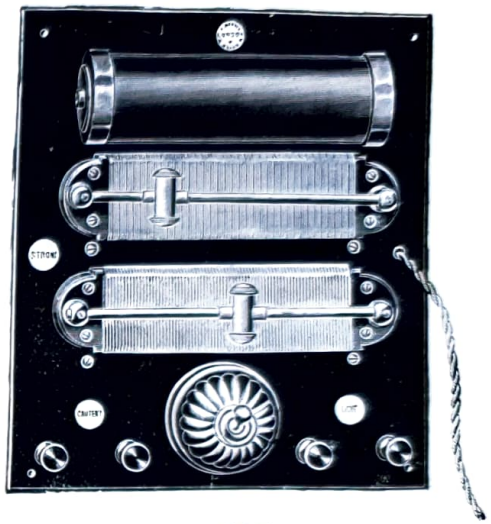
When the central switch is pushed over towards the word "Cautery," the glass cells in the battery are connected "parallel," and can be used for heating loops, snares, platinum knives and porcelain burners, etc., and when pushed towards the word "Light," with are connected in "series," and can be used for the various forms of surgical lights.

When not in use, the cells of the battery should always be lowered from the plates by lowering the lever at the side of the case.

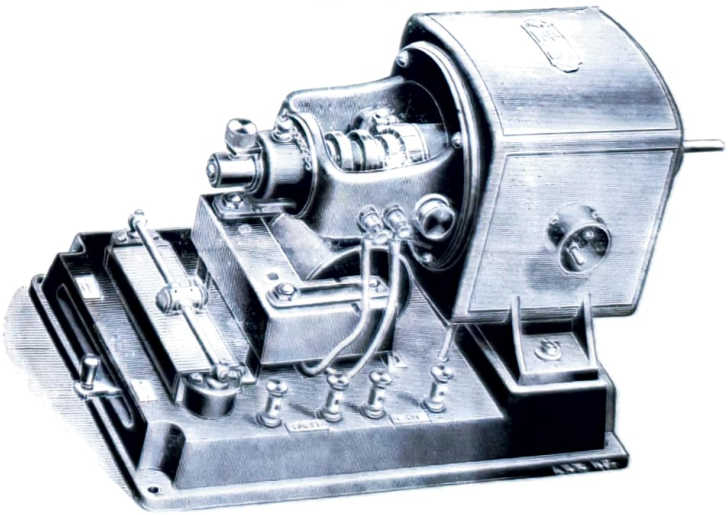
The battery cells should be thoroughly cleaned out each time before fresh acid is poured in, or at least once in every four months, whether in use or not.

	£	*s.*	*d.*
Battery as above, with 6 glass cells, in oak case	7	5	0

APPARATUS FOR UTILISING CURRENTS FROM THE MAINS.



No.	6588	*£ s. d.*
6588	**Transformer,** for Alternating Current Circuit, suitable for cautery work or surgical lamps ... ... The current for cautery can be varied, with this apparatus, between 6 and 25 amperes, and the current for light between 3 and 15 volts without jumps. The cautery and light can be used simultaneously. Dimensions, 9½ in. by 9¼ in. by 2½ in.	4 4 0



6589

6589	**Motor Transformer,** for Alternating Current, suitable for either cautery work, surgical lamps, massage, surgical drills, air pump for pneumatic massage of the ear, or sinusoidal Faradization	16 16 0

INSTRUCTIONS FOR USE.—The bearings of the motor must be kept oiled, but no oil must be put on the collectors. Before the current is switched on see that the crank which regulates the speed of the motor stands at "weak"; if this precaution be not taken there is danger of damaging the insulation of the wire.

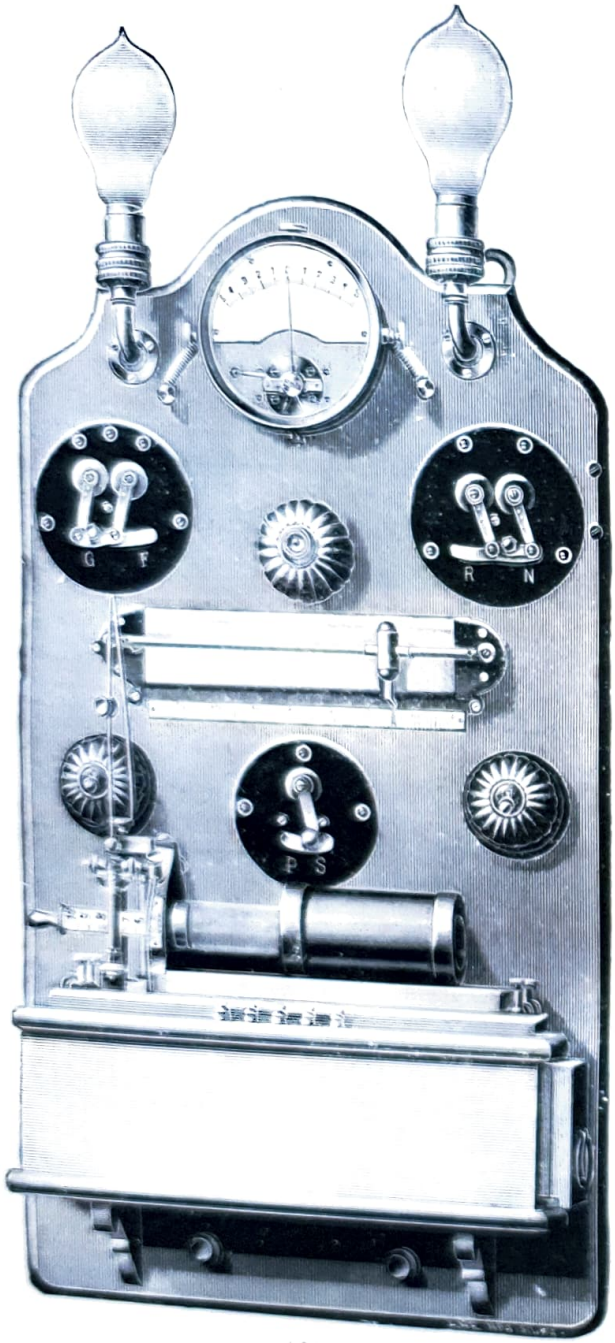
For Cautery.—Connect the cords with the terminals marked "Cautery," and while pressing the trigger of the cautery handle, move the crank slowly towards "Strong" till the burner shows the desired degree of incandescence.

For Surgical Lamp.—Connect the cords with the terminals marked "Light," turn the crank towards the left till the motor has obtained a fair speed, and then move the sliding spring of the rheostat towards the left, till the necessary amount of light is obtained.

For Massage or Surgical Drills.—Attach the flexible shaft to the motor, and regulate the speed by moving the crank towards "Strong." The motor can be stopped "dead beat" by moving the crank sharply to the right as far as it will go.

The motor is connected by means of a flexible cord with nearest wall plug or lamp holder, no special wiring being required. It does not consume more than about 2 amperes.

Apparatus for Utilising Currents from the Mains—*continued.*

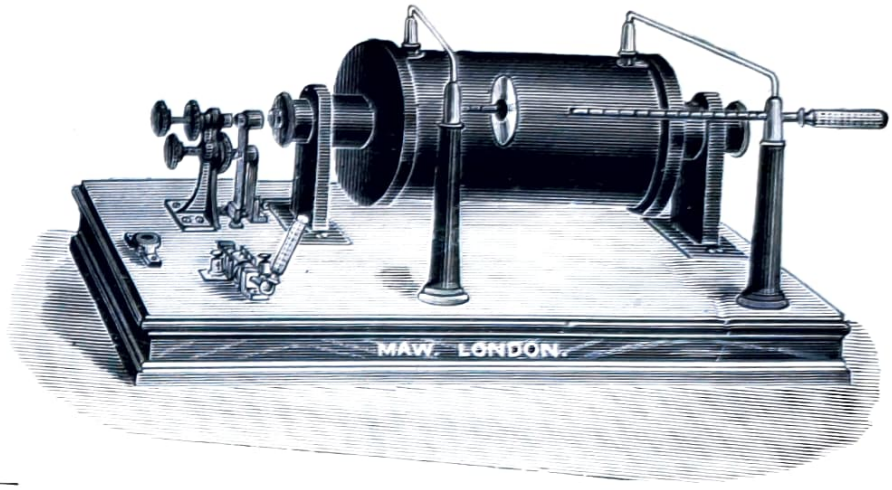


6591

No.		£	s.	d.
	Rheostats, for Continuous Currents.			
6591	For 100–115 volt circuit, mounted on polished marble or slate	17	6	9
6592	For 200–250 volt circuit, mounted on polished marble or slate	17	7	6

The above are suitable for either Incandescent Installations or Electrolysis. They are fitted with two switches, single pole, one switching on the resistance current at each end, and one switching on the whole current at one end, and are fitted with a double pole fuse. They are suitable for use in connection with Dynamos or Accumulators, and are supplied with clear glass shades to enclose the resistance coils, as shown in the illustration.

X-RAY APPARATUS, Etc.



No. **Coils**—

		£	s.	d.
6593	8 in. spark, without interruptor	18	0	0
6594	10 in. ,, do. do.	22	10	0
6595	12 in. ,, do. do.	30	0	0
6597	16 in. ,, do. do.	48	0	0
6598	18 in. ,, do. do.	60	0	0
6599	20 in. ,, do. do.	70	0	0
6600	24 in. ,, do. do.	90	0	0
6601	Motor Mercury Interruptor, for above coils	9	0	0

With coils giving long sparks (from 15 in. to 24 in.) it is advisable to use a Motor Quick-silver Interruptor, as it greatly increases the number and frequency of the vibrations, and thus ensures better results.

Accumulators, for working X-ray Coils or for Surgical Lamps—

	Number of Volts.	14 Ampère Hours.			21 Ampère Hours.			30 Ampère Hours.		
		Dimensions.	Price.		Dimensions.	Price.		Dimensions.	Price.	
			£	s. d.		£	s. d.		£	s. d.
6602	6	$4\frac{1}{4} \times 6\frac{3}{4} \times 8$ in.	1	14 9	$4\frac{1}{4} \times 8\frac{3}{4} \times 8$ in.	2	4 0	$7\frac{1}{2} \times 7\frac{1}{2} \times 8\frac{1}{2}$ in.	2	17 0
6603	8	$4\frac{1}{4} \times 8\frac{3}{4} \times 8$ in.	2	3 6	$4\frac{1}{4} \times 11\frac{1}{2} \times 8$ in.	2	15 6	$7\frac{1}{2} \times 9\frac{5}{8} \times 8\frac{1}{2}$ in.	3	13 0
6604	10	$4\frac{1}{4} \times 10\frac{1}{4} \times 8$ in.	2	12 6	$4\frac{1}{4} \times 14 \times 8$ in.	3	7 0	$7\frac{1}{2} \times 11\frac{3}{4} \times 8\frac{1}{2}$ in.	4	9 0
6605	12	$4\frac{1}{4} \times 12 \times 8$ in.	3	1 0	$4\frac{1}{4} \times 16 \times 8$ in.	3	18 6	$7\frac{1}{2} \times 14 \times 8\frac{1}{2}$ in.	5	5 0

The above are fitted in polished walnut cases, with leather handles. The 10 and 12 volt accumulators can be fitted with terminals attached to each cell, so that any number of volts can be taken at will, at an additional cost of 7/6.



6606

6606 **Fluoroscopes**, collapsible, with polished mahogany frame,
6607 For screen 10 in. by 7 in.
For screen 14 in. by
The

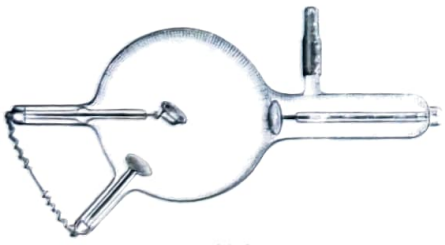
X-Ray Apparatus, etc.—*continued.*

No.		£	*s.*	*d.*
	Fluorescent Screens, prepared with barium platino-cyanide, double coated (English manufacture)—			
6608	10 in. by 7 in.	2	8	0
6609	12 in. by 9 in.	3	12	0
6610	15 in. by 11 in.	5	18	0
	The above are the measurements of the screen itself, not including the frame.			
	Localizers, for foreign bodies, etc.—			
6611	Mackenzie Davidson's	6	6	0
6612	Do. do. portable cross thread pattern, with stand and accessories	8	16	0



6613

6613	**Skiography Couch,** with tube holder and localizer	12	0	0
	The use of the above couch enables the operator to replace the plates without disturbing the patient.			
	Shutters, for photographic plates—			
6614	For plates, $6\frac{1}{2}$ in. by $4\frac{3}{4}$ in., $8\frac{1}{2}$ in. by $6\frac{1}{2}$ in., and 10 in. by 8 in.	0	18	0
6615	Do. 12 in. by 10 in., 15 in. by 10 in., and 20 in. by 16 in.	1	6	0



6616



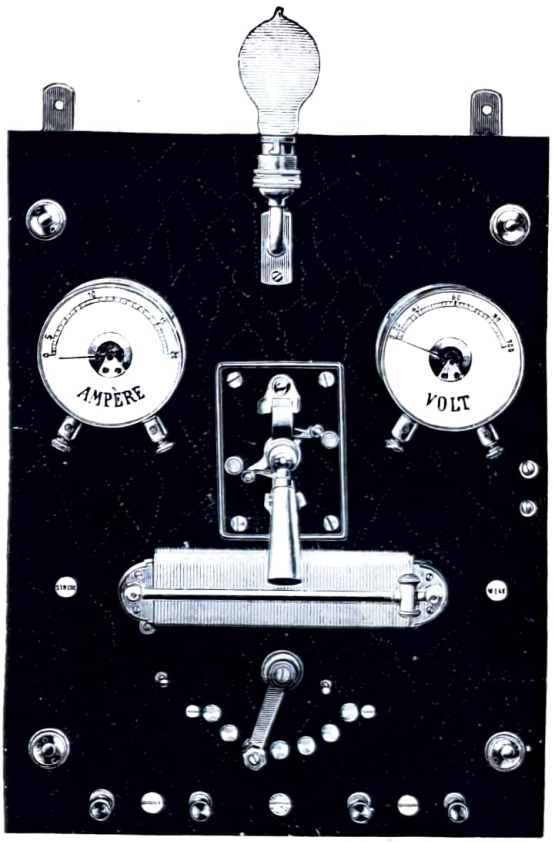
6617

	Tubes, X-Ray, with double anode—			
6616	For 8-10 in. spark, 20/- ; for 10-12 in. spark, 23/- ; for 14-16 in. spark, 26/- ; for 18-20 in. spark	1	10	0
	X-ray Tubes being of an exceedingly fragile construction are sent out at the purchaser's risk, and safe transmission cannot be guaranteed.			
6617	**Tube Holder,** wood, so arranged that the tube can be placed in any position...	2	5	0

X-Ray Apparatus, etc.—*continued.*

No.	**Rheostats,** for utilizing current from the Main—	£	s.	d.
6618	For 100 volt continuous current circuit ...	13	10	0
6619	For 220 volt circuit ...	15	0	0
6620	Current reverser, extra .	1	12	0
6621	Extra resistance to control the speed of a motor interruptor ...	1	10	0

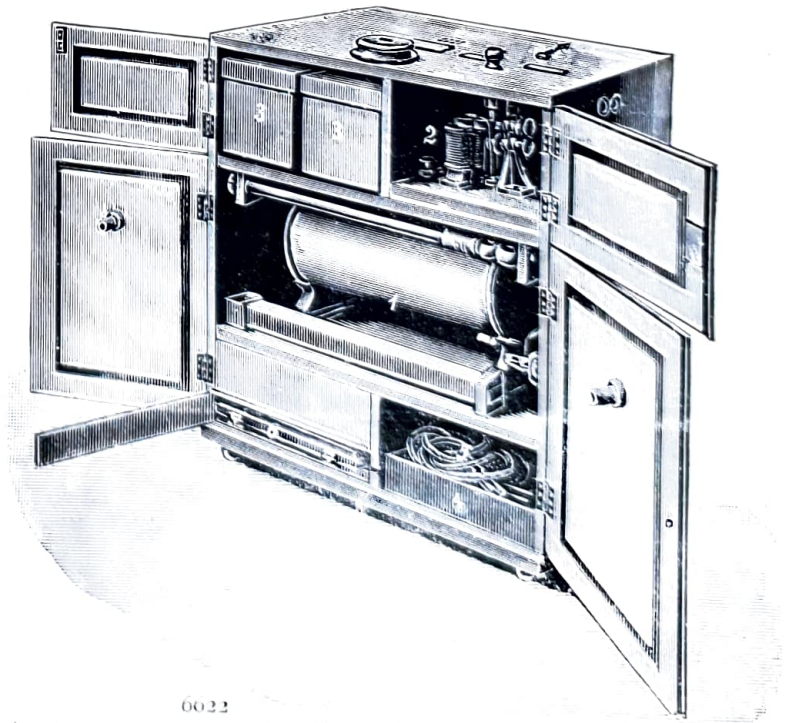
These Rheostats are fitted with crank to vary the number of volts, small sliding rheostat to vary the number of ampères, switch, signal lamp and terminals for coil and interruptor, and are mounted on slate or marble slab. They are arranged for a maximum current of 10 ampères, which is sufficient for any coil.



6618

6622 ***X-Ray Apparatus,** complete, in handsome oak case, on wheels, measuring 32 in. by 30 in. by 15 in. and weighing 136 lbs.

This outfit consists of a 10 in. coil, collapsible fluoroscope, with screen 12 in. by 10 in., 2 X-ray tubes, tube stand, pair of cords, 2 dark shutters and rheostat 50 0 0



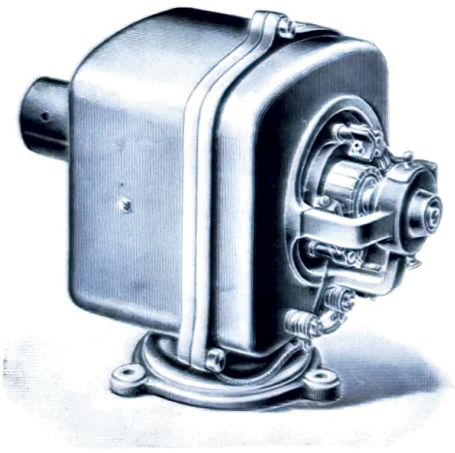
6622

It is not necessary to remove the coil, etc., from the case when the apparatus is in use.

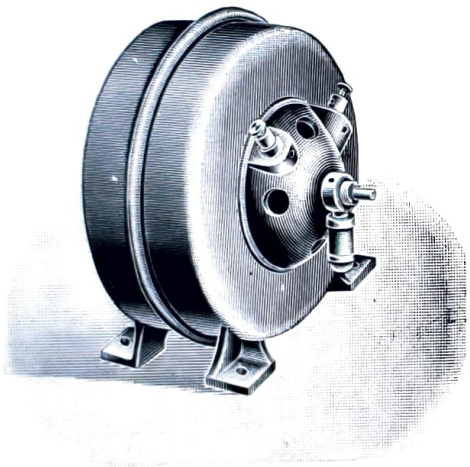
* Made to order only.

ELECTRIC MOTORS, Etc.

Electric Motors have of late years come into general use, and are found very convenient for various kinds of surgical and dental work, for massage, for working centrifugal machines, etc., etc. They can be driven either from accumulators or from the current supplied by public companies for house lighting. The latter is the more convenient if at hand, but the motor has to be specially adapted to the particular form of current with which it is to be used. A motor made for a continuous current supply cannot be used with an alternating current, and *vice versâ*. These points must be determined before ordering the apparatus, and it is also necessary to ascertain the voltage of the current. If the current from the mains is not available, a 6 cell accumulator will answer the purpose, but the motor must be made accordingly. The apparatus can be mounted either on a flat polished board with terminals and connecting wires, or on a telescopic stand. A rheostat should be used with every motor, since much damage may be done if the full current is switched on suddenly; it is useful also as a means for controlling the speed



6623



6624

No.		£	*s.*	*d.*
6623	**Continuous Current Motor,** mounted on enamelled metal base, with switch, 12 volt, £7 0 0; 100 volt, £7 15 0; 220 volt	8	10	0
6624	**Alternating Current Motor,** mounted on enamelled metal base, with switch and fuse	8	0	0
6625	Telescopic Stand, with rubber-covered castors, for either of the above ...	3	6	0



6625

6626	**Flexible Shaft and Hand-piece,** for use with Motors	3	5	0
6627	Do. do. do. with arrangement for suddenly stopping the tools	4	15	0
6628	**Foot Contact,** for making and breaking the current	2	4	0
6629	Do. do. combined with rheostat so that the speed of the motor can be regulated	5	10	0

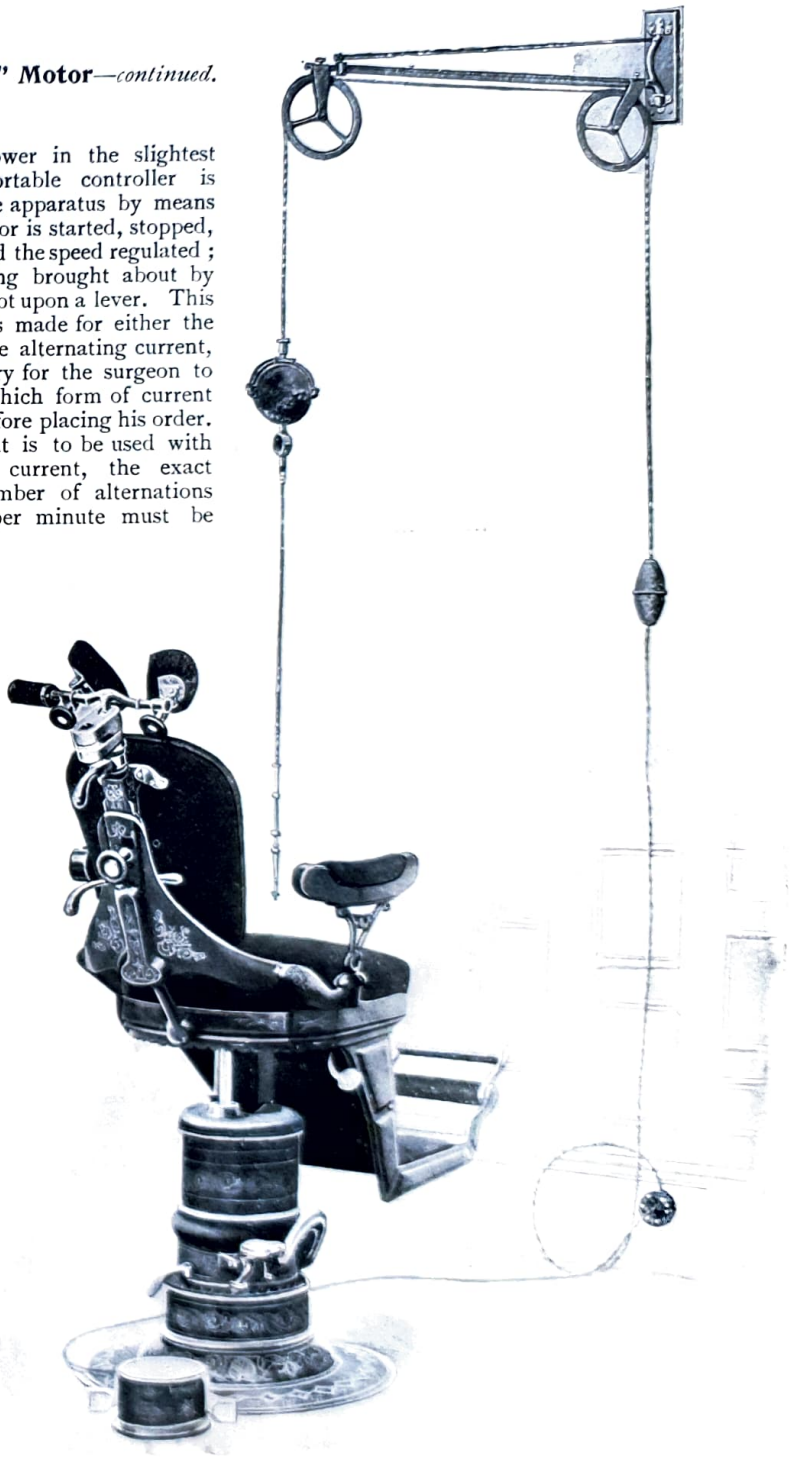
6630 **The "Columbia" Motor,** specially arranged for dental work—

This motor hangs freely from a flexible conducting cord passing over two pulleys on a bracket, and is counterbalanced by a suitable weight which enables it to be raised or lowered by the slightest touch. It is enclosed in an antique silver-plated sphere, 4½ in. in diameter, made in two segments which can be readily taken apart if necessary. The speed can be varied at will from 1,000 to 4,000 revolutions per minute without

Electric Motors, etc.—*continued.*

The "Columbia" Motor—*continued.*

altering the power in the slightest degree. A portable controller is supplied with the apparatus by means of which the motor is started, stopped, and reversed, and the speed regulated; these results being brought about by pressure of the foot upon a lever. This form of motor is made for either the continuous or the alternating current, and it is necessary for the surgeon to ascertain with which form of current he is supplied before placing his order. If the instrument is to be used with an alternating current, the exact voltage and number of alternations of the current per minute must be specified.



No.	0630	£	s.	d.
0630	For Continuous Current (100-110 volts), including motor, controller, bracket conducting cord, flexible steel cable and sleeve	23	10	0
0631	Resistance for working the above on a 200 volt circuit	1	7	6
0632	For Alternating Current, including motor, controller, bracket, suspension cord, flexible cable and sleeve	26	5	0

The above prices do not include the chair.

Electric Motors, etc.—*continued.*



6033–34

No.	**Tools,** for use with Motors—	£	*s.*	*d.*
6033	Burrs, round ... ... from 3/– to	0	4	0
6034	Do. conical ... ... ,, 4/– to	0	5	0



6035 6636

6035	Drills, from 2–4 m/m diameter ... ... each	0	2	3
6636	Trephines, 4 sizes ... ... 4 m/m, 4/– ; 6 m/m, 5/6 ; 8 m/m, 9/– ; 12 m/m	0	16	0



6637 6638

6637	Saw, circular, with handle, and key for fixing blade	1	1	0
6638	Saw, straight, with handle for converting the circular into a longitudinal movement	1	8	0
6639	Do. do. do. with arrangement for suddenly stopping the movement	2	10	0

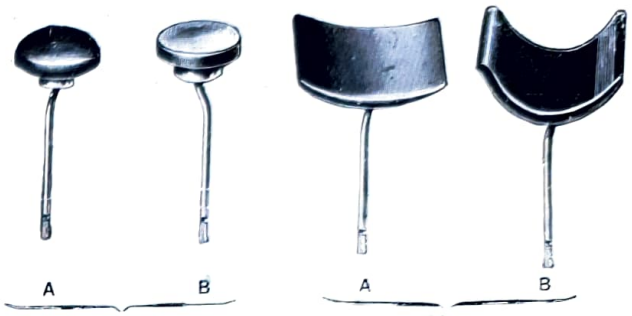


6640 6641

Instruments, for Massage, etc., for use with Motors

6640	Roller, with 8 rotating ebonite cylinders	0	10	6
6641	Rotating Hammer	0	11	0

Electric Motors, etc.—*continued.*



6642 6643

No.	**Instruments,** for Massage, &c.—*continued.*	£	*s.*	*d.*
6642	Concussor Plates, round, for general use, A and B ... ... each	0	4	0
6643	Do. do. square, for spine, A and B ... ... ,,	0	4	0



6644 6645

6644	Concussor Plate, round, for abdomen ... ... each	0	8	0
6645	Do. do. square do. ... ... ,,	0	8	0



6646 6647 6648

6646	Concussor Plates, for mucous membrane of nose, A, B and C ... each	0	4	0
6647	Do. do. for general use ...	0	4	0
6648	Do. do. for spine ...	0	7	6

MATERIALS FOR DRESSING WOUNDS, LIGATURES, Etc.

Prices of all Dressings and Bandages are liable to fluctuations



6649

Accouchement Requisites—

Accouchement Set, MAW'S Antiseptic, consisting of—Antiseptic Accouchement Sheet, 42 in. by 36 in. ; do. 30 in. by 27 in. ; Antiseptic Binder, 54 in. by 18 in. ; 1 doz. Antiseptic Napkins for Infants ; 1 box of Fuller's Earth ; 1 box of Violet Powder, with Puff ; 1 bottle Tablets of Permanganate of Potash ; 1 bottle of MAW'S Carbolised Petroleum Jelly ; *1 cake of MAW'S Carbolic Soap ; 1 skein of Accouchement Thread ; 1 doz. Safety Pins ; 1½ doz. Straight Steel Pins ; 1 doz. large size Antiseptic Towels with Waistband ; 1 doz. medium size do. ; 1 Mackintosh Sheet (double-faced), 60 in. by 36 in., for the bed ; *1 do. (single-faced), 60 in. by 36 in., for the floor, and 1 packet of Antiseptic Dressing for the cord—

No.		*£*	*s.*	*d.*
6649	Complete in strong dark green cardboard box, with silver lettering	1	8	0
6650	Do. do. do. do. without the articles marked *	1	4	0



6651 Sc 1/8



MAW. Sc/8

6653

Accouchement Sheets—

6651	MAW'S, Antiseptic, covered with gauze, and packed in dark green wrappers with silver lettering, 2 sizes ... ... per doz., 42 in. by 36 in., 36/- ; 30 in. by 27 in.	1	1	0
6652	Do. do. covered with cotton net ...per doz., 42 in. by 36 in., 54/- ; 30 in. by 27 in.	1	19	0
6653	Infants' Diapers, antiseptic, MAW'S, in dark green wrappers with silver lettering ... per doz. ...	0	2	11



Sc 1/6

6655



Sc 1/6

6658

Materials for Dressing Wounds, Ligatures, etc.—*continued.*

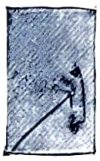
Bandages, Rolled (prices liable to fluctuations)—

No.		2 in.	2½ in.	3 in.	3½ in.	4 in.	6 in.
6654	Antiseptic, Alembroth, open wove, 6 yds. long, per doz.	2/10	3/4	3/9	4/6	5/-	6/6
6655	Do. do. Gauze ,, ,, per gross	12/-	14/3	16/-	20/-	22/-	30/6
6656	Do. Carbolised Gauze ,, ,, ,, ...	12/6	15/-	17/-	19/-	21/6	32/-
6657	Do. Iodoform Gauze ,, ,, ,, ...	19/6	24/6	29/-	33/9	37/-	46/-
6658	Do. Lister's Cyanide Gauze ,, ,, ,, ...	14/-	17/-	19/6	22/-	25/-	37/-

Each of the above bandages is fitted with a safety pin.



6659



6665



6669



6670



6671



6672



6673



6675



6676



6677

		1 in.	1½ in.	2 in.	2½ in.	3 in.	3½ in.	4 in.	6 in.
6659	Black Cloth, 6 yards long ... ... per doz.	2/9	3/6	4/6	5/6	6/6	—	—	13/6
6660	Calico, bleached, 3 yards long ... ... ,,	-/8	-/11	1/3	1/7	1/9	—	2/6	3/6
6661	Do. do. 4 yards long ... ... ,,	—	—	1/10	2/2	2/4	—	3/4	4/9
6662	Do. do. 6 yards long ... ... ,,	—	—	2/8	3/-	3/6	—	5/-	7/10
6663	Calico, unbleached, stout, 3 yards long... ,,	—	—	—	1/8	2/0	—	2/6	3/9
6664	Do. do. do. 4 yards long... ,,	—	—	—	2/3	2/9	—	3/3	5/3
6665	Do. do. do. 6 yards long... ,,	—	—	—	3/3	4/-	-	5/-	7/9
6666	Do. do. common, 3 yards long, per gross	—	—	—	12/9	—	16/9	13/9	—
6667	Do. do. do. 4 yards long ,,	—	—	—	17/-	—	22/-	26/-	—
6668	Do. do. do. 6 yards long ,,	—	—	—	24/9	—	32/9	38/9	—
6669	Crêpe Geneva ... ... per doz.	—	6/-	8/-	10/-	12/-	14/-	16/-	24/-
6670	Crêpe Velpeau ... ... ,,	—	—	12/-	15/-	—	18/-	—	—
6671	Crinoline (for plaster of Paris), 6 yards long ,,	—	—	—	3/9	4/4	—	6/-	—
6672	Domette, 6 yards long ... ... ,,	—	—	—	4/9	5/9	—	8/-	11/-
6673	Flannel, 6 yards long ... ... ,,	—	—	—	10/-	13/-	—	17/-	24/-
6674	Flannelette, 6 yards long ... ... ,,	—	—	—	3/3	3/9	—	—	—
6675	Ideal, 6 yards long ... ... ,,	—	—	—	6/-	7/3	—	—	—
6676	Muslin, 6 yards long ... ... ,,	—	—	—	3/9	4/4	—	6/-	—
6677	Water-dressing, bleached, fast edge, 6 yards long ... ... ,,	2/4	2/11	3/3	3/9	4/-	—	5/-	—
6678	Water-dressing, unbleached, fast edge, 6 yards long ... ... ,,	2/4	2/11	3/3	3/9	4/-	—	5/-	—
6679	Water-dressing, bleached, rough edge, 6 yards long ... ... ,,	1/2	1/6	1/10	2/-	2/4	—	3/3	4/6
6680	Water-dressing, unbleached, rough edge, 6 yards long ... ... ,,	1/-	1/3	1/6	1/9	2/-	—	—	—

Each of the above bandages is fitted with a safety pin.

Bandages, various—

6681	Plaster of Paris, each, in sealed tin ... per doz.	—	—	7/-	7/6	8/3	—	—	—
6682	Do. do. in tins of 6 ... ... per tin	—	—	3/4	3/8	4/1	—	—	—
6683	Do. do. in tins of 12 ... ... ,,	—	—	6/6	7/3	8/-	—	—	—



6684



6685

Materials for Dressing Wounds, Ligatures, etc.—*continued.*

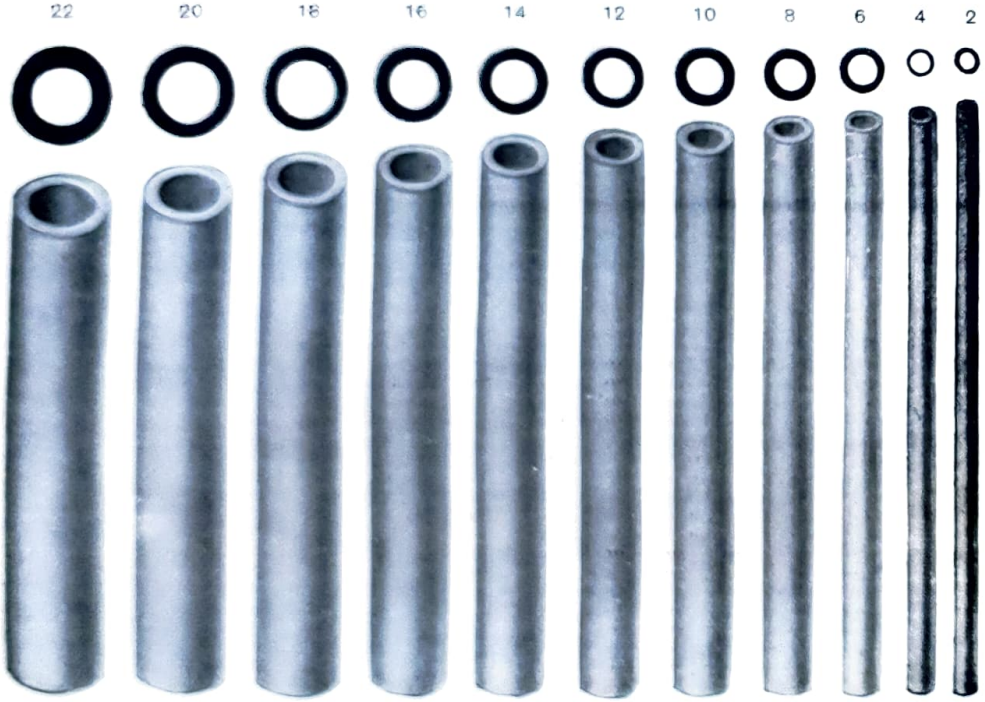
No.	**Bandages,** various—*continued.*	£	*s.*	*d.*
6684	"Stockinette" cotton ... ... per doz. yds., 2 in., 2 - ; 2½ in., 2 3 ; 3 in., 2 6 ; 3½ in., 2 9 ; 4 in.	0	3	0
6685	Wool, undyed, Varicose ... ... per doz. yds., 2 in., 3 9 ; 2½ in., 4 - ; 3 in., 4 4 ; 4 in.	0	5	3
6686	T-Bandages, Perineal ... ... per doz.	0	10	6
6687	Triangular, Esmarch's, printed	0	3	0
6688	Do. Antiseptic (Sal-Alembroth)	0	4	6



6600

Drainage Tubing, India-rubber—

6689	Capillary, for Southey's Tubes, etc. ... ... per doz. yds.	0	5	0
6690	Carbolised, assorted sizes, in 6 in. glass tube, plain or perforated (10 pieces in each tube) per tube	0	1	4



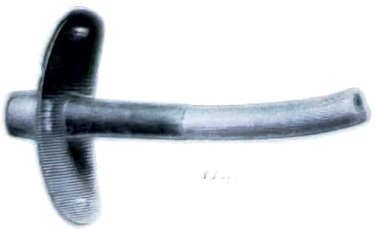
6691

6692 Best India-rubber, best quality

No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Price	6	6	6	6	7	7	8	9	11	11	14	16												

The gauge for the above is approximately the same as the Catheter gauge.
Intermediate or extra large sizes can be supplied if required, and any size can be supplied perforated at an additional cost of 1/2 per doz. yds.

The sizes, illustrated at Nos. 6693 and 6694, are those in general use for the various purposes.



6693



6694

Drainage Tubes, etc., for Special Purposes—

6695	Knotted Tubes, for India-rubber, with Rings ...	per doz.		
6696	Lithotomy Tube, with Catheter sliding within ...	Each		
6697	Do. do. Bulbous at one end			
6698	Do. do. Silver, Goodhart's			

Materials for Dressing Wounds, Ligature, etc.—*continued.*



6696

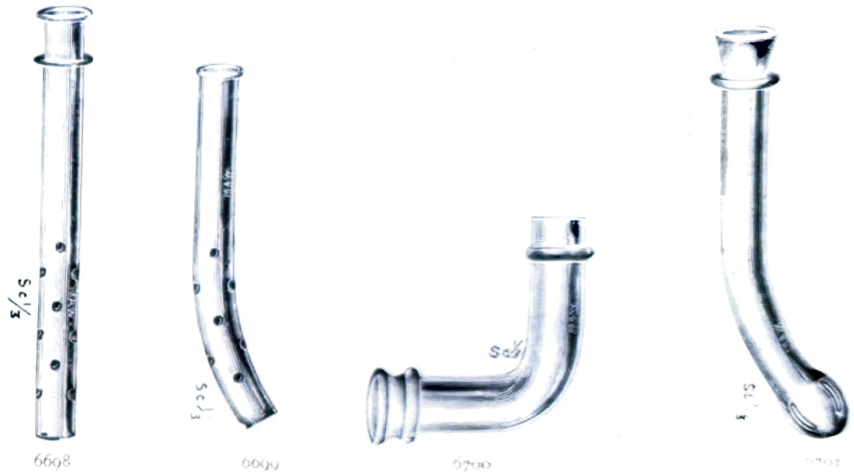


6697

Drainage Tubes, etc., for Special Purposes—*continued.*

No.		£ s. d.
6696	Glass Tubes, for Cervical Sinuses, etc.— Ormsby's straight ... ... per doz.	0 6 0
6697	Do. curved ... ... ,,	0 6 0

These tubes are intended for the after-treatment of small abscesses or fistulæ in the neck, in which it is difficult to keep an ordinary drain *in situ*.



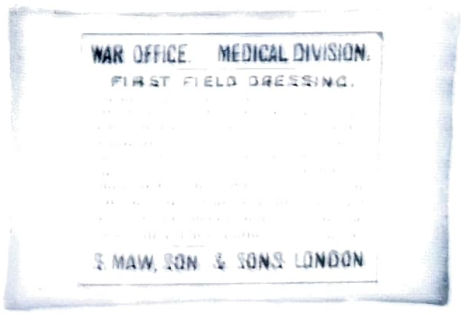
6698 6699 6700 6701

6698	Glass Tubes, for Pelvic Drainage, Keith's	per doz.	0 6 0
6699	Do. do. do. Lawson Tait's	,,	0 9 0
6700	Do. for colotomy cases, Paul's, 3 sizes	,,	0 7 6
6701	Do. for pelvic drainage, Thomas's, 3 sizes	,,	0 12 0



6704

6702	Horsehair, black	per hank	0 0 6
6703	Pewter Wire ...	,,	0 0 6
6704	Spiral Wire, gilt	per foot	0 1 3



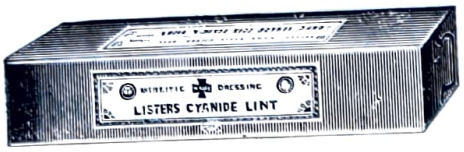
6705

Dressings, etc.

6706	Aseptic Tissue, Wade's, similar to Cottage Tissue	per lb., 12 and	0 1 4
6707	Mammoth Tissue, Wade's, in paper packets	per lb.,	0 2 3
6708	Cutaneo Wadding, similar to Ellman's Dressing	,,	0 0 8
6709	Cyanide Tissue, Wade's, in paper packets	,,	0 3 6
6710	Dermopaic Wool, for gastronomi jackets, etc.	,,	0 6 6
6711	Rifle Field Dressings, as supplied to His Majesty's Government for troops on active service	per two packets	2 4 0
6712	Gauze, aseptic, 36 inch wide, in 1 yd. packets	per doz.,	0 10 0
6713	Lint, aseptic, 4 qualities	per lb., 15, 17 and	0 2 0
6714	Lint, iodoform, sodium salicylate	per lb.	0 1 0

Prices of Dressings and Bandages are liable to fluctuation.

Materials for Dressing Wounds, Ligatures, etc.—*continued.*



6717



6724



6734

Dressings, MAW's Antiseptic* (prices liable to fluctuations)—

In Collapsible Cartons—

No.	Lints—	Percentage.		1 lb.	½ lb.	¼ lb.
6714	Boric	45	per doz.	21/-	12/-	6/6
6715	Carbolic	5	,,	29/-	16/-	8/6
6716	Iodoform	10	,,	65/-	34/-	17/6
6717	Lister's Cyanide	3	,,	44/-	23/6	12/3
6718	Sal-Alembroth	2	,,	30/-	16/6	8/9
6719	Salicylic	4	,,	33/-	18/-	9/6
6720	Sublimate	¼	,,	30/-	16/6	8/9
	Wools—					
6721	Boric	45	,,	20/-	11/3	6/-
6722	Carbolic	5	,,	23/-	12/9	6/9
6723	Iodoform	10	,,	61/-	31/9	16/3
6724	Lister's Cyanide	3	,,	37/-	19/9	10/3
6725	Sal-Alembroth	2	,,	24/-	13/3	7/-
6726	Salicylic	4	,,	25/-	13/9	7/3
6727	Sublimate	¼	,,	22/-	12/3	6/6
6728	Styptic	15	,,	31/-	16/9	8/9
	Gauzes, in Cartons containing 6 yds. each—	Percentage.				
6729	Boric	25	... ...		per doz.	13/-
6730	Carbolic, bleached	5	... ...		,,	13/-
6731	Do. unbleached	5	... ...		,,	13/-
6732	Iodoform	5	... ...		,,	20/-
6733	Iodoform	10	... ...		,,	25/-
6734	Lister's Cyanide	3	... ...		,,	15/-
6735	Sal-Alembroth	1	... ...		,,	12/-
6736	Salicylic	4	... ...		,,	15/-
6737	Sublimate, bleached	¼	... ...		,,	11/6
6738	Do. unbleached	¼	... ...		,,	11/6



6742

Sc. ⅛



6749



6759

In Paper Packets—

	Lints—	Percentage.		1 lb.	½ lb.	¼ lb.	2 oz.	1 oz.
6739	Boric	45	per doz.	19/-	10/3	5/6	3/2	2/-
6740	Carbolic	5	,,	27/-	14/3	7/6	4/2	2/6
6741	Iodoform	10	,,	63/-	32/3	16/6	8/8	4/9
6742	Lister's Cyanide	3	,,	42/-	21/9	11/3	6/-	3/6
6743	Sal-Alembroth	2	,,	28/-	14/9	7/9	4/3	2/6
6744	Salicylic	4	,,	31/-	16/3	8/6	4/8	2/9
6745	Sublimate	¼	,,	28/-	14/9	7/9	4/3	2/6
	Wools—							
6746	Boric	45	,,	17/-	9/3	5/-	2/11	1/10
6747	Carbolic	5	,,	20/-	10/9	5/9	3/3	2/-
6748	Iodoform	10	,,	58/-	29/9	15/3	8/-	4/5
6749	Lister's Cyanide	3	,,	34/-	17/9	9/3	5/-	2/11
6750	Sal-Alembroth	2	,,	21/-	11/3	6/-	3/5	2/1
6751	Salicylic	4	,,	22/-	11/9	6/3	3/6	2/2
6752	Sublimate	¼	,,	19/-	10/3	5/6	3/2	2/-
6753	Styptic	15	,,	28/-	14/9	7/9	4/3	2/6

* All MAW's Antiseptic Dressings are sent out in collapsible cartons, unless specially ordered to the contrary.

Materials for Dressing Wounds, Ligatures, etc. —*continued.*

Dressings MAW's Antiseptic (prices liable to fluctuations)—*continued*

In Paper Packets—*continued.*

No.	Gauzes—	Percentage.		6 yds.	3 yds.	1 yd.
6754	Boric...	25 ...	per doz.	12/-	6/9	2/9
6755	Carbolic, bleached	5 ...	,,	12/-	6/9	2/9
6756	Do. unbleached	5 ...	,,	12/-	6/9	2/9
6757	Iodoform	5 ...	,,	19/-	10/3	3/11
6758	Iodoform	10 ...	,,	24/-	12/9	4/9
6759	Lister's Cyanide	3 ...	,,	14/-	7/9	3/1
6760	Sal-Alembroth	1 ...	,,	11/-	6/3	2/6
6761	Salicylic	4 ...	,,	14/-	7/9	3/1
6762	Sublimate, bleached	½ ...	,,	10/6	6/3	2/6
6763	Do. unbleached	¼ ...	,,	10/6	6/3	2/6



6767



6774



6784

In Sealed Tins—

	Lints—	Percentage.		1 lb.	½ lb.	¼ lb.
6764	Boric...	45 ...	per doz.	25/-	15/3	8/6
6765	Carbolic	5 ...	,,	33/-	19/3	10/6
6766	Iodoform	10 ...	,,	69/-	37/3	19/6
6767	Lister's Cyanide	3 ...	,,	48/-	26/9	14/3
6768	Sal-Alembroth	2 ...	,,	34/-	19/9	10/9
6769	Salicylic	4 ...	,,	37/-	21/3	11/6
6770	Sublimate	¼ ...	,,	34/-	19/9	10/9
	Wools—					
6771	Boric...	45 ...	,,	23/-	13/9	8/9
6772	Carbolic	5 ...	,,	26/-	15/3	9/6
6773	Iodoform	10 ...	,,	54/-	33/9	18/9
6774	Lister's Cyanide	3 ...	,,	40/-	22/3	13/-
6775	Sal-Alembroth	2 ...	,,	27/-	15/9	9/9
6776	Salicylic	4 ...	,,	28/-	16/3	10/-
6777	Sublimate	¼ ...	,,	25/-	14/9	9/3
6778	Styptic	15 ...	,,	34/-	19/9	11/9

	Gauzes, in Tins containing 6 yds. each—	Percentage.						
6779	Boric	25 ...	...	...	...	per doz.	18/-
6780	Carbolic, bleached	5 ...	...	...	...	,,	18/-
6781	Do. unbleached	5 ...	...	...	...	,,	18/-
6782	Iodoform	5 ...	...	...	...	,,	25/-
6783	Iodoform	10 ...	...	...	...	,,	30/-
6784	Listers Cyanide	3 ...	...	...	...	,,	20/-
6785	Sal-Alembroth	1 ...	...	...	...	,,	17/-
6786	Salicylic	4 ...	...	...	...	,,	20/-
6787	Sublimate, bleached	½ ...	...	...	...	,,	16/6
6788	Do. unbleached	¼ ...	...	...	...	,,	16/6



6809



6817

In Small Flat Cartons—

	Lint—	Percentage.		2 oz.	1 oz.
6789	Boric	45 ...	per doz.	4/6	3/-
6790	Carbolic	5 ...	,,	5/6	3/6
6791	Iodoform	10 ...	,,	10/-	5/9
6792	Lister's Cyanide	3 ...	,,	7/3	4/6
6793	Sal-Alembroth	2 ...	,,	5/6	3/6
6794	Salicylic	4 ...	,,	6/-	3/9
6795	Sublimate	¼ ...	,,	5/6	3/6

Materials for Dressing Wounds, Ligatures, etc.—*continued.*

Dressings, MAW'S Antiseptic (prices liable to fluctuations)—*continued.*

In Small Flat Cartons—*continued.*

No.		Percentage.		2 oz.	1 oz.
	Wools—				
6796	Boric	45	per doz.	4/2	2/10
6797	Carbolic	5	,,	4/6	3/-
6798	Iodoform	10	,,	9/3	5/5
6799	Lister's Cyanide	3	,,	6/3	3/11
6800	Sal-Alembroth	2	,,	5/2	3/1
6801	Salicylic	4	,,	4/9	3/2
6802	Sublimate	¼	,,	4/5	3/-
6803	Styptic	15	,,	5/6	3/6
	Gauzes—				
6804	Boric	25	,,	8/-	3/9
6805	Carbolic, bleached	5	,,	8/-	3/9
6806	Do. unbleached	5	,,	8/-	3/9
6807	Iodoform	5	,,	11/6	4/11
6808	Iodoform	10	,,	14/-	5/9
6809	Lister's Cyanide	3	,,	9/-	4/1
6810	Sal-Alembroth	1	,,	7/6	3/6
6811	Salicylic	4	,,	9/-	4/1
6812	Sublimate, bleached	¼	,,	7/6	3/6
6813	Do. unbleached	¼	,,	7/6	3/6

Gauzes, Antiseptic, for Plugging—

	On reels of 6 yds., per doz.—	Percentage.	½ in.	1 in.	1½ in.	2 in.
6814	Boric	25	5/-	5/3	5/6	6/3
6815	Carbolic	5	5/-	5/3	5/6	6/3
6816	Iodoform	10	6/-	6/3	7/-	7/9
6817	Lister's Cyanide	3	5/4	5/9	6/-	6/6
6818	Sublimate	¼	5/-	5/3	5/6	6/3

Tin boxes for the above, to hold from 4 to 6 reels, each 1/2.



6832

Sterilised Dressings, MAW'S, in Germ-proof Sack-mouthed Packets—

		Percentage.	1 yd.	3 yds.
	Gauzes, per doz. packets—			
6819	Boric	25	6/9	11/6
6820	Lister's Cyanide	3	7/-	13/-
6821	Plain Absorbent	—	5/9	9/9
6822	Sal-Alembroth	1	6/6	11/-
	Lints, per doz. packets—		1 oz.	2 oz.
6823	Boric	45	6/1	8/3
6824	Lister's Cyanide	3	7/7	11/2
6825	Plain Absorbent	—	5/10	7/8
6826	Sal-Alembroth	2	6/7	9/5
	Wools, per doz. packets—			
6827	Boric	45	5/10	7/11
6828	Lister's Cyanide	3	7/-	10/2
6829	Plain Absorbent	—	4/7	6/5
6830	Sal-Alembroth	2	6/1	8/5

Sterilised Dressings, MAW'S, combined, in Germ-proof, Sack-mouthed Packets— *£ s. d.*

For Major Operations, each packet containing twelve pieces of gauze, 18 in. by 18 in., folded in four, and eight pieces of wool, 18 in. by 10 in., folded in two—

6831	Alembroth	per doz. pkts.	1 9 0
6832	Lister's Cyanide	,, ,,	1 16 0
6833	Plain Absorbent	,, ,,	1 4 0

For Minor Operations, each packet containing twelve pieces of gauze, 9 in. by 9 in., folded in four, and four pieces of wool, 6½ in. by 6½ in., folded in two—

6834	Alembroth	per doz. pkts.	0 12 6
6835	Lister's Cyanide	,, ,,	0 14 0
6836	Plain Absorbent	,, ,,	0 11 6

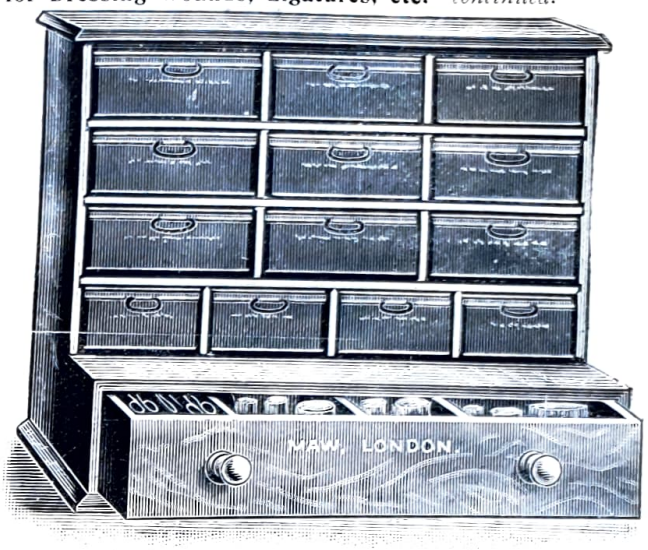
MAW'S Sterilised Dressings are prepared with the utmost attention to detail, and can be recommended with the greatest confidence. They have been submitted to an examination by a distinguished bacteriologist, and have received a most favourable report.

EXTRACT FROM "THE BRITISH MEDICAL JOURNAL," Aug. 30, 1902—"Our examination shows the gauze to be sterile, and we entirely approve of the principle on which the package is sealed."

6837	**Tow**, Carbolised, MAW'S	per lb.	0 0 6
6838	Do. Plain, for padding splints, etc., common quality	,,	0 0 3
6839	Do. Tarred	,,	0 0 6
6840	**Wools**, Absorbent, MAW'S	per lb., 10½ and	0 1 8

NOTE.—All MAW'S Antiseptic and Sterilised Dressings are prepared under the supervision of a qualified chemist, and the percentage of each is guaranteed to be as nearly identical with the specified strength as is possible in the production of Dressings of this character.

Materials for Dressing Wounds, Ligatures, etc.—*continued.*



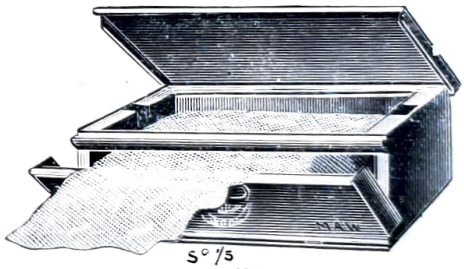
6841

No. **Dressing Cabinets,** MAW'S "Emergency"—

These Cabinets are specially constructed to hold a set of MAW'S "Emergency" dressing tins. They are made of polished mahogany and are of two sizes—large and small. The large size is constructed to hold 13 "Emergency" tins, viz., 9 large and 4 small, and the small size 9 "Emergency" tins, viz., 6 large and 3 small. Each cabinet has a drawer beneath it conveniently divided for the storage of bandages, pins, dressing instrument, etc.

		£ s. d
6841	Large size, including 9 large and 4 small tins	2 12 6
6842	Small size, including 6 large and 3 small tins	2 2 6

It is impossible to price the cabinets complete with dressings, since every surgeon prefers to make his own selection and the prices of the different dressings vary considerably. The latter are therefore priced separately in a tabulated form below.



6843

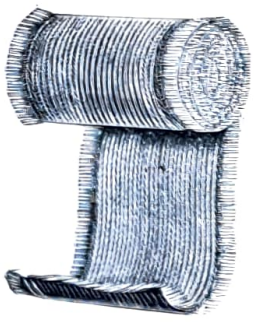
6843	**"Emergency" Tins,** large size	each	0 2 6
6844	Do. do. small size	,,	0 2 3

The "Emergency" tins are of handsome appearance, being enamelled a dark green colour with the name of the dressing in gilt letters upon the front. The dressings are wound upon rollers which revolve in slots at either end of the tin, and when required for use all that is necessary is to pull out the free end and cut off the required amount of dressing with a pair of scissors; it is unnecessary to remove the tin from the cabinet. The side wings attached to the front of the tins effectually prevent the entrance of dust and dirt when the fronts are closed

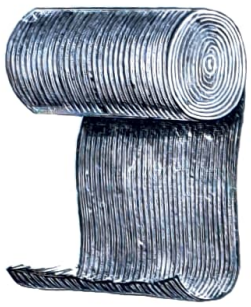
"Emergency" Dressing—

		Per centage.		Small.	Large.
	Gauzes, wound on rollers, in Sealed Paper Packets—				
6845	Carbolised, bleached	5	each	1 3	1 9
6846	Do. unbleached	5	,,	1 3	1 9
6847	Iodoform	10	,,	2 3	3 3
6848	Lister's Cyanide	3	,,	1 6	2 1
6849	Sal-Alembroth	2	,,	1 3	1 8
6850	Salicylic	4	,,	1 6	2 0
6851	Sublimate, bleached	½	,,	1 2	1 8
6852	Do. unbleached	½	,,	1 2	1 8
	Lints, wound on rollers, in Sealed Paper Packets—				
6853	Absorbent	—	,,	- 7	- 10
6854	Boric	45	,,	- 9	1 -
6855	Carbolic	5	,,	- 10	1 1
6856	Iodoform	10	,,	1 6	2 2
6857	Lister's Cyanide	3	,,	1 1	1 6
6858	Sal-Alembroth	2	,,	- 10	1 1
6859	Salicylic	4	,,	- 11	1 2
6860	Sublimate	½	,,	- 10	1 1
	Wools, wound on rollers, in Sealed Paper Packets—				
6861	Absorbent	—	,,	- 4	- 5
6862	Boric	45	,,	- 7	- 8
6863	Carbolic	5	,,	- 7	- 8
6864	Iodoform	10	,,	1 2	1 5
6865	Lister's Cyanide	3	,,	- 9	1 -
6866	Sal-Alembroth	2	,,	- 7	- 8
6867	Salicylic	4	,,	- 7	- 8
6868	Sublimate	½	,,	- 7	- 8

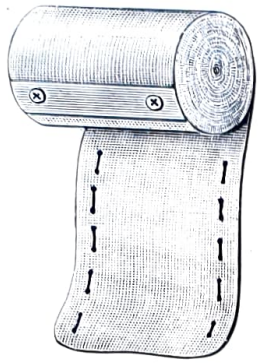
Materials for Dressing Wounds, Ligatures, etc.—*continued.*



6869



6870

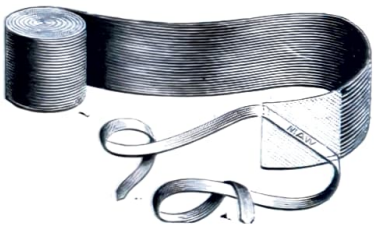


6873

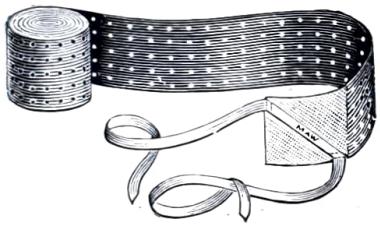
No.	**India-rubber Bandages—**	£	*s.*	*d.*
6869	India-rubber Web, with frilled edge, 2½ and 3 in. ... ... per doz. yds., 8/- and	0	8	9
6870	Do. do. with plain edge, white ... ...per doz. yds., 2½ in., 6/- ; 3 in.	0	7	6
6871	Do. do. with plain edge, grey ... ...per doz. yds., 2½ in., 5/- ; 3 in.	0	6	9
6872	Do. do. do. 3 yds. long, with loop and tape for tying, 2½ ins. ... per doz.	1	4	0

Statham's, porous—

		5 ft.	7½ ft.	10½ ft.	15 ft.	21 ft.
6873	2½ in., 21 gauge ... ... each	2/1	2/8	3/7	5/1	6/8
6874	3 in., 21 gauge ... ... ,,	2/4	3/2	4/2	5/10	7/6



6875



6879

Martin's, Pure Para Rubber—

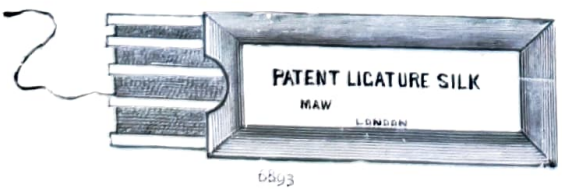
		5 ft.	7½ ft.	10½ ft.	15 ft.	21 ft.
6875	2½ in., 19 gauge ... ... each	1/9	2/8	3/8	5/4	7/3
6876	3 in. 19 gauge ... ... ,,	2/-	3/2	4/6	6/2	8/8
6877	2½ in., 21 gauge ... ... ,,	1/6	2/2	3/2	4/6	6/2
6878	3 in., 21 gauge ... ... ,,	1/9	2/8	3/8	5/4	7/3

Martin's, Pure Para Rubber, perforated—

6879	2½ in., 21 gauge ... ... each	1/9	2/8	3/8	5/4	7/3
6880	3 in., 21 gauge ... ... ,,	2/2	3/4	4/7	6/8	8/6

Ligatures and Suture Materials, etc.—

6881	Buttons, lead, Lister's ... ... per doz.												0	3	0
6882	Catgut, raw—														
	Nos.	oooo	ooo	oo	o	1	2	3	4	5	6	7	8		
	Per doz. hanks ...	1/2	1/3	1/4	1/5	1/9	1/11	2/1	2/5	2/11	3/6	4/2	5/-		
6883	Catgut, Sulpho-Chromic, dry—														
	Nos.	oooo	ooo	oo	o	1	2	3	4	5	6	7	8		
	Per doz. hanks ...	2/3	2/4	2/5	2/6	2/10	3/-	3/4	3/8	4/2	4/9	5/6	6/3		
	Each of the above hanks contains 4 yards.														
6884	Celluloid Thread, sizes 1–6, in hanks ... ... per doz.												0	10	0
6885	Do. do. on reels ... ... ,,												0	7	6
6886	Fergusson's Thread (Snooding) in hanks ... ... ,,												0	1	6
6887	Horsehair, selected, in hanks ... ... ,,												0	6	0
6888	Kangaroo Tendons, fine, medium, or strong ... ... ,,												0	4	6
6889	Ligature Reels, glass ... ... per doz., large, 4/- ; medium, 3/- : small,												0	2	0
6890	Do. do. pure tin ... ... per doz.												0	6	0
6891	Shot, perforated ... ... ,,												0	0	6
	Coils for do. ... ... ,,												0	3	0
6892	Shot and Coil Sutures, Aveling's, combined ... ... ,,												0	3	0



6893

6893	Silk, plaited, assorted sizes, on vulcanite tablet, in card case ... ... each	0	1	2
6894	Do. do. on reels, sizes 1–12 ... ... ,,	0	0	9
6895	Do. do. in hanks ... ... ,,	0	0	9
6896	Do. iron dyed (black), one size, on vulcanite tablet, sizes, 00–4 ... ... per doz., Nos. 0–8, 6/- ; Nos. 9–12	0	7	6
6897	Do. Floss, for dental use, waxed, on reels ... ... per doz., 12 yds, 6/- ; 8 yds.	0	7	0
6898	Do. do. unwaxed, 12 yds. ... ... per doz.	0	4	0
		0	6	0

Materials for Dressing Wounds, Ligatures, etc.—*continued.*



6899

No.	**Ligature and Suture Materials, etc.**—*continued.*		£	s.	d.
6899	Silk, twisted, in hanks, hard or soft, sizes 00–8	per doz.	0	5	0
6900	Do. do. on reels, hard or soft, sizes 00–8	,,	0	7	0
6901	Do. Hammersley's, on pure tin reels, sizes 1–6	,,	0	12	0

EXTRACT FROM "LANCET" MARCH 5, 1904.

"I desire to bring before the notice of surgeons a ligature which has for some considerable time given me great satisfaction. It is made by a special process, from numerous single cocoon fibres, which produces a ligature equal in every respect to silk twist and one which has the following advantages. 1. Greater strength than other ligatures have. 2. Simplicity and ease of sterilisation; a few minutes' boiling renders it perfectly aseptic. 3. Good keeping properties; it will keep indefinitely unimpaired in the wet or dry state. 4. Absence of any tendency to slip; when tied on a vessel or a pedicle owing to the flat form the ligature assumes it has no tendency to slip off. 5. Ready temporary encapsulisation and perfect after-absorption; the process of manufacture, whilst resulting in one thread of any desired thickness which retains its entirety, does not compress the component fibres together, so that the plastic lymph thrown out around the seat of application is able to penetrate between and around each strand composing the ligature, and to this is due, I believe, the absence of those annoyances so common with ordinary forms of ligature—namely, stitch abscess and the extrusion, perhaps weeks or months after an operation, of the deep ligatures. The use of split-eyed needles with this as with other forms of ligature saves both time and trouble.

"The ligature can be obtained from Messrs. MAW, SON AND SONS, Aldersgate-street, E.C., who have provided a neat metal case containing varying sizes of the ligature together with split-eyed needles adapted for each size, the whole being so constructed that without disturbing the contents perfect sterilisation can be effected by a few minutes' boiling.

"PERCY H. V. HAMMERSLEY."

"LEEK, STAFFS.

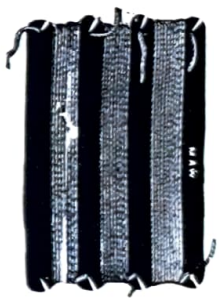
6902 Metal Steriliser, containing 3 reels of Hammersley's silk, and 6 split-eyed needles 0 9 0



6905



6908



6910

		10 in.	14 in.			
	Silkworm Gut, white, pink, or black, in Card Boxes—					
6903	Extra stout	per 100	—	6/6		
6904	Stout	,,	2/-	3/-		
6905	Medium	,,	1/9	2/-		
6906	Fine	,,	1/6	1/9		
6907	Extra fine, for ophthalmic or intestinal work	,,	—	4/6		
6908	Wire, plated, in hanks	per doz.			0	4 0
6909	Do. do. on reels, sizes 24–34	,,			0	9 0
6910	Do. silver, 3 assorted sizes on tablet	per tablet			0	2 6
6911	Do. do. on reels (¼ oz.) sizes 24–34	each			0	2 3
6912	Do. do. extra stout, for fractured patella	per ½ oz. hank			0	3 0



6915



6920



6924

Ligatures and Sutures, prepared for use—

	In Stoppered Bottles, on glass reels—		
6913	Catgut, specially prepared, in alcohol, sizes 00–8	per bottle	0 1 6
6914	Do. do. in carbolic solution (1 in 20)	,,	0 1 4
6915	Silk, sterilised, in alcohol, sizes 00–8	,,	0 1 4
6916	Do. in carbolic solution (1 in 20)	,,	0 1 2
	In Screw-cap Bottles, with 3 reels and india-rubber bung—		
6917	Catgut, specially prepared, in alcohol, 3 assorted sizes	,,	0 1 10
6918	Do. do. in carbolic solution (1 in 20)	,,	0 1 8
6919	Do. do. in carbolic oil	,,	0 1 8
6920	Silk, plaited, sterilised in alcohol, 3 assorted sizes	,,	0 1 8
6921	Do. do. in carbolic solution (1 in 20)	,,	0 1 6
6922	Silk, twisted, sterilised, in alcohol, 3 assorted sizes	,,	0 1 8
6923	Do. do. in carbolic solution (1 in 20)	,,	0 1 6

Materials for Dressing Wounds, Ligatures, etc.—*continued.*

Ligatures and Sutures, prepared for use—*continued.*

No.

6924 In Wide-mouthed corked Bottles, with gilt capsules—

Catgut, carbolised in oil—

	No. 0000	000	00	0	1	2	3
Per doz. bottles ...	9-	9/3	9/6	9/9	10/-	10/6	11/3

£ s. d.

6925 Catgut, carbolised, assorted sizes, Nos. 0, 1 and 2 ... ... per doz. bottles 0 10 6

Each of the above bottles contains 3 hanks, or 12 yards of gut.



Sc 1/3

6926–31

In Screw-cap Glass Tubes, with spool, containing about 50 double lengths, in carbolic solution (1 in 20)—

		6½ in. Tube.	10 in. Tube.
6926	Catgut, any size from 0000–6	each	1/9	2/4
6927	Horsehair, sterilised	,,	1/3	1/6
6928	Silk, plaited, any size, from 00–8	,,	1/9	2/2
6929	Do. twisted, any size from 00–8	,,	1/6	2/-
6930	Do. Hammersley's (*see page* 401), any size from 1–6	,,	1/6	2/0
6931	Silkworm Gut, fine, medium, or stout	,,	1/6	2/3

The above can be put up in alcohol instead of carbolic solution at an additional cost of -3 *and* -5 *per tube respectively.*



Sc 1/3

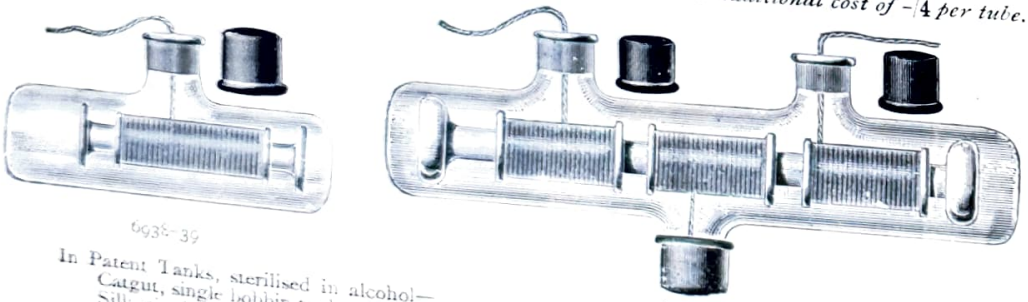
6932–37

In Double-ended Glass Tube, with india-rubber bungs and aseptic glass spool, about 10 ins. long, each spool containing about 50 double lengths—

		£	s.	d.
6932	Catgut, any size, from 0000–6	0	3	1
6933	Horsehair	0	2	3
6934	Silk, plaited, any size from 00–8	0	3	0
6935	Do. twisted, any size from 00–8	0	2	9
6936	Do. Hammersley's (*see page* 401), any size from 1–6...	0	2	9
6937	Silkworm gut, fine, medium, or stout	0	3	0

An allowance of -9 each will be made for the double-ended tubes, if returned unbroken and reasonably clean, together with the spools and bungs.

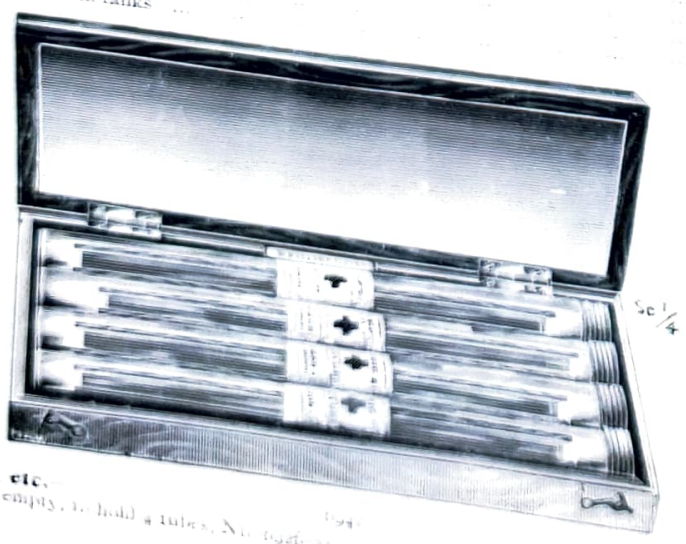
The above can be put up in alcohol instead of carbolic solution at an additional cost of -4 *per tube.*



6938–39 6940–41

In Patent Tanks, sterilised in alcohol—

6938	Catgut, single bobbin tanks	each	0 1 0
6939	Silk, single bobbin tanks	,,	0 1 0
6940	Catgut, three-bobbin tanks	,,	0 2 0
6941	Silk, three-bobbin tanks	,,	0 2 0

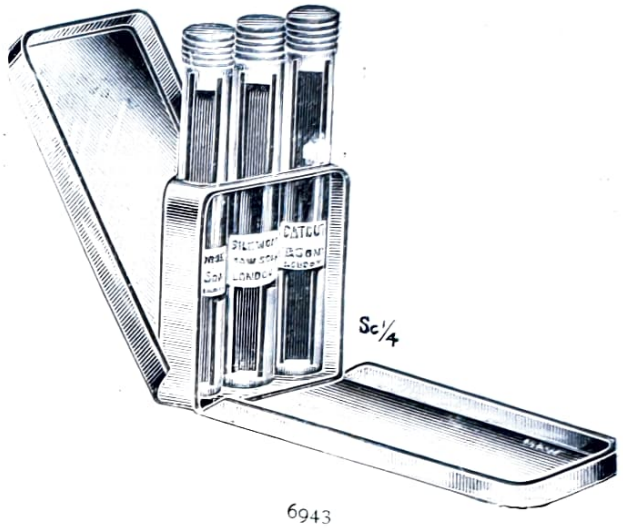


Sc 1/4

6942 **Ligature Box, etc.,**

Mahogany, empty, to hold 8 tubes, Nos. 6926–31, 2 sizes

Materials for Dressing Wounds, Ligatures, etc.—*continued.*



6943



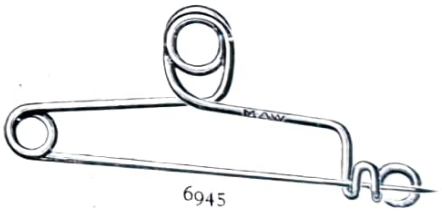
6944

No.

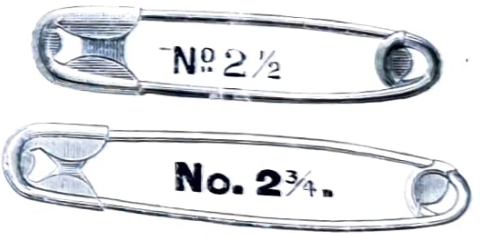
Ligature Boxes, etc.—*continued.*

6943 Nickel plated, to hold 3 6½-in. tubes, No. 6926-31 ... ... £ 0 11 6
When box is open it forms a stand for the tubes.

6944 Mahogany, Barker's, to hold 4 10-in. tubes, No. 6926-31 ... ... 0 7 6



6945



6947

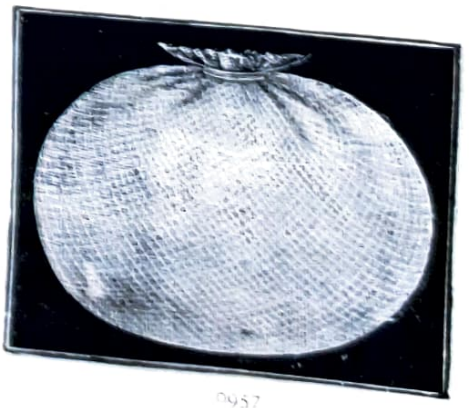
Pins, Safety—

6945 Cousin's, 2 sizes, in boxes of 1 doz. ... ... per box, -/10 and 0 1 0
6946 Maw's, steel, 2 sizes, in boxes of 1 doz. ... ... per doz. boxes 3/- and 0 4 9
6947 Stewart's, to fasten on either side, per gross, No. 1, 2/6; No. 2, 2/8; No. 2½, 3/-; No. 2¾, 3/2; No. 3, 3/4; No. 3½, 3/7; No. 4 ... per 100, 1/- and 0 18 0 0 1 3

6948 **Sanitary Handkerchiefs,** rice paper, for consumptive patients, 2 qualities



6951



6957

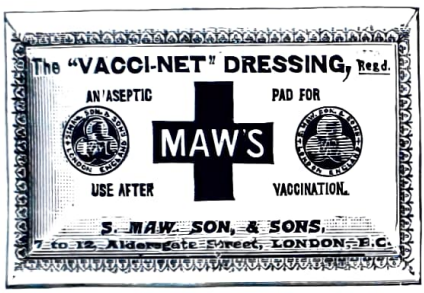
Sponges, for Wounds—

Materials for Dressing Wounds, Ligatures, etc.—*continued.*

No.		£	s.	d.
	Sponges, for Wounds—*continued.*			
6953	Turkey, large flat, for Ovariotomy ... ... each, 2/6, 3/- and	0	4	0
6954	Do. do. sterilised, in hermetically sealed jars, each containing 2 ... ...per jar	0	7	6
	Sponges, Artificial, "Mops"—			
6955	Flat Pads (Swabs), sterilised, as used at the Middlesex Hospital per doz., 3½ by 3½ in., 1/1; 4 by 6 in., 1/5; 5½ by 7 in.,	0	1	8
6956	Sterilised "Mops," in packets of 2 doz. per doz. packets, Alembroth, 9/6; Lister's Cyanide, 11/9; plain wool	0	8	0
6957	Sublimate Wool, enclosed in gauze, 2 sizes ... ... per gross, 8/6 and	0	7	2
6958	**Sponge Cloths,** Greig Smith's ... ... per doz.	0	1	9
6959	**Spongio-Piline,** Markwick's, 36 in. wide... ... ... per yd.	0	13	6
6960	Impermeable Piline, Markwick's, 36 in. wide ... ... ,,	0	12	0
6961	Do. do. improved antiseptic ... ... ,,	0	6	0



6963



6964

Vaccination Dressings—

6962	Taffeta Plaster, in metal case ... ... per doz.	0	3	9
6963	Vaccination Wafers, for covering the vesicles, in metal boxes containing about 130 each per box	0	0	8
	"Vaccinet" Dressings or Pads, MAW's registered, each in an envelope—			
6964	With plaster at top, and tapes at bottom, 2 sizes ... ... per doz., child's, 1/10; adult's	0	2	4
6965	With tapes at top and bottom, 2 sizes ... ... per doz., child's, 1/5; adult's	0	2	2

The above can be supplied in packets of 1 doz. without envelopes at 2/- per gross less.



6966

Vaccination Shields—

6966	Celluloid, transparent ... ... per doz.	0	4	9
6967	Do. do. with inflated india-rubber rim, 2 sizes ... ... ,,	0	8	9
6968	India-rubber, with inflated rim, 2 sizes ... ... ,,	0	7	6
6969	Wire, Cowan's, for adults, 3 qualities ... ... per doz., 18/-, 11/- and	0	7	0
6970	Do. do. for infants, 3 qualities ... ... ,, 14/-, 7/- and	0	3	6

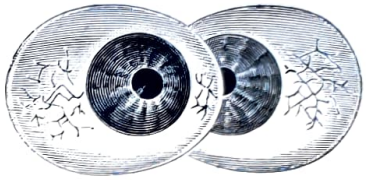
OPHTHALMIC APPLIANCES.

Surgeons' Prescriptions carefully carried out.

Prescription Books free on application.



6971
(SECTION.)



ARTIFICIAL EYES.



6973
(SECTION.)

No.		*£*	*s.*	*d.*
	Artificial Eyes—			
6971	Ordinary pattern, best quality, any shade of colour (if supplied from stock)	0	3	6
6972	Do. do. made to order	0	7	6
6973	Snellen's, improved pattern, with enclosed shell, any shade of colour (if supplied from stock) ...	0	6	8
6974	Do. do. made to order	0	15	0
	Eyeglass Chains—			
6975	Gilt, oxidised or aluminium, various patterns ... ... each	0	0	6
6976	Silver, various patterns ... ... ,,	0	2	6
6977	Gold, two qualities ... ... each, 9 ct. from 7/6; 15 ct.	0	15	0

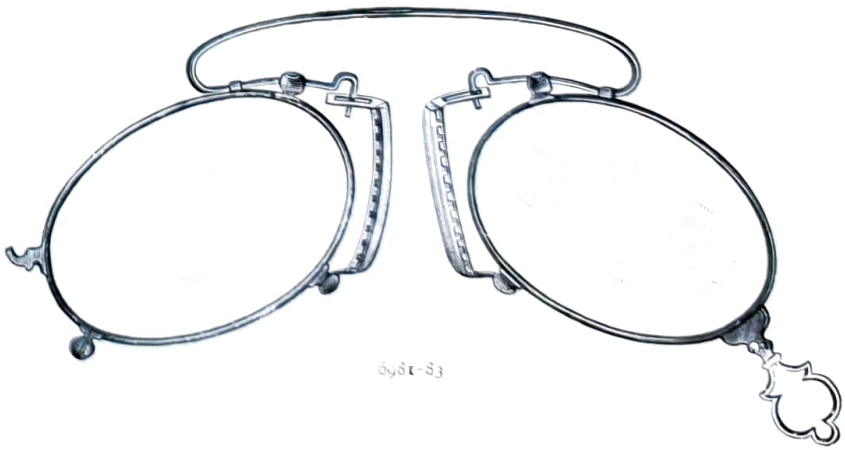


6978-80

Folders, etc., in Cases.

Astigmatic Clips, with spiral spring—

6978	Nickel plated, 2 qualities ... ... each, ordinary 1/6; best	0	3	0
6979	Gold, 2 qualities ... ... each from, 9 ct., 15/-; 15 ct.	1	8	6
6980	Gold-filled	0	5	6



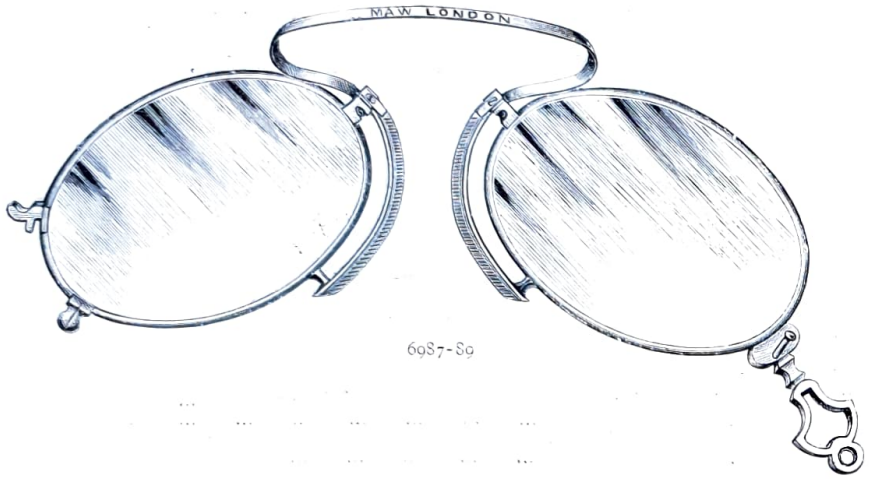
6981-83

Canadian, with fancy handle, best quality, with concave or convex glasses—

6981	Nickel plated, with plain, smoke, or coloured glasses ... ... each	0	2	9
6982	Gold, 2 qualities ... ... each from, 9 ct., 14/-; 15 ct.	1	5	6
6983	Gold filled	0	3	6

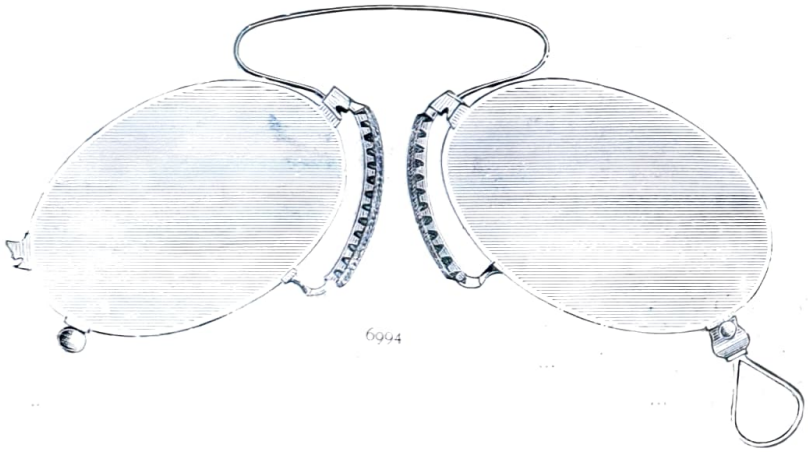
Ophthalmic Appliances, etc.—*continued.*

No.	**Folders, etc.**—*continued.*	£	s.	d.
	Canadian, with loop handle, fitted with concave or convex glasses—			
6984	Nickel-plated, with plain, smoked or coloured glasses	0	1	6
6985	Gold, 2 qualities ... ... each from, 9-ct., 15/-; 15 ct.	1	5	6
6986	Gold-filled	0	3	6



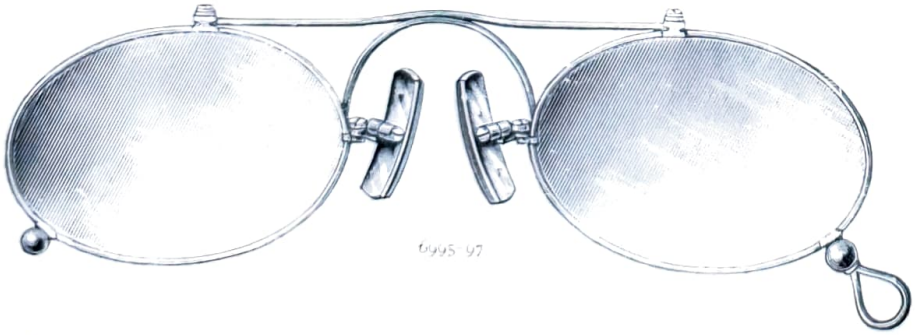
6987-89

	Japanese, with fancy handle, fitted with concave or convex glasses—			
6987	Nickel-plated, with plain, smoke or coloured glasses	0	2	6
6988	Gold, 2 qualities ... ... each from, 9-ct., 15/-; 15-ct.	1	5	6
6989	Gold-filled	0	3	6
	Japanese, with loop handle, fitted with concave or convex glasses—			
6990	Nickel plated, with plain, smoke or coloured glasses	0	1	6
6991	Gold, 2 qualities ... ... each from, 9-ct., 15/-; 15-ct.	1	5	6
6992	Gold-filled	0	3	6



6994

	Invisible Frames, with concave or convex glasses—			
6993	Canadian, nickel plated	0	2	6
6994	Japanese do.	0	2	6

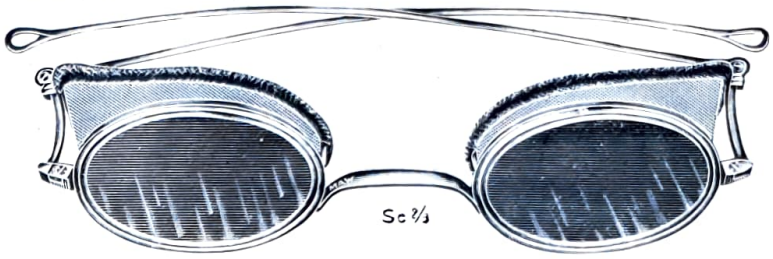


6995-97

	"Revluc" (patent), fitted with concave or convex glasses—			
6995	Nickel plated	0	3	6
6996	Gold, 9-ct.	1	5	0
6997	Gold-filled	0	10	6

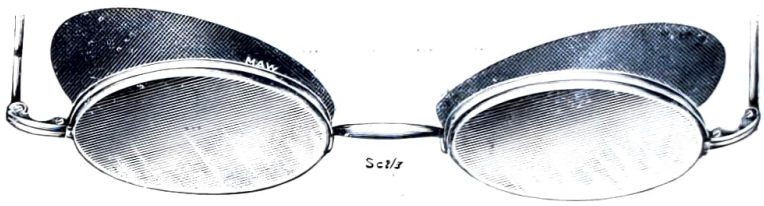
Any of the above frames can be fitted with pebbles instead of glasses, at an extra charge of—convex, 3/-; concave, 3/6 each. Cases are included in all the above prices.

Ophthalmic Appliances—*continued.*



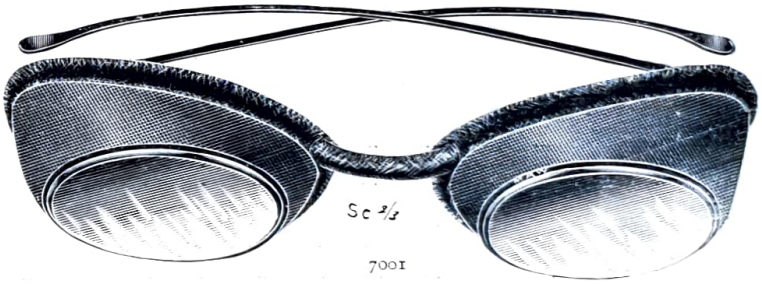
6998-99

No.	**Goggles,** with smoke or blue glasses—	£	*s.*	*d.*
6998	Beaumont's, solid nickel, with plated gauze cups	0	8	6
6999	Do. blue steel, with black gauze cups	0	8	0



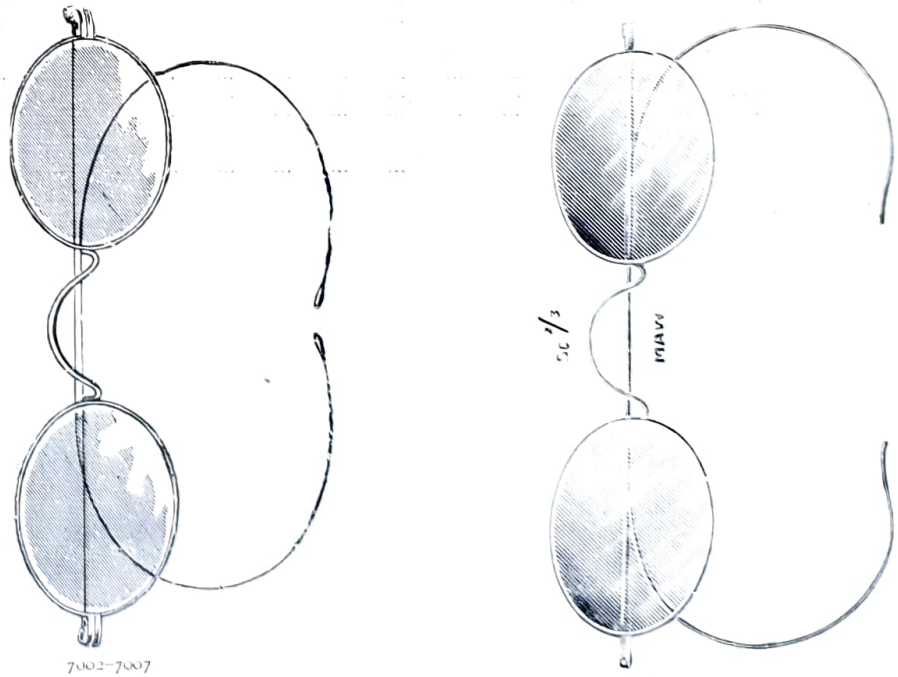
7000

7000	Solid nickel frame, with collapsable silk cups											0	6	6



7001

7001	Steel frame, with black gauze cups, velvet bound											0	2	9



7002-7007 7008-12

Spectacles, in Cases

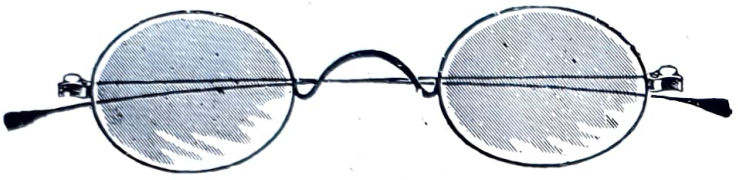
Curl side, with concave or convex glasses—

		Oval.	Pantoscopic.	Periscopic.
7002	Steel frame, straw colour	3 6	3/6	3/6
7003	Nickel	2 –	2 6	2 6
7004	Gold, 9-ct.	from 16 6	21 –	16/6
7006	Do. 15-ct.	25 6	25/6	25/6
7007	Gold filled	3 6	3 6	3/6

Ophthalmic Appliances—*continued.*

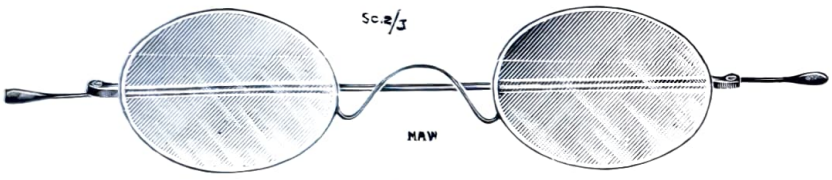
Spectacles, in Cases—*continued.*

No.		Oval.	Periscopic.
	Curl side "Invisible," with concave or convex glasses—		
7008	Steel Frames, straw colour	3/9	3/9
7009	Steel nickelled	2/3	2/9
7010	Gold, 9 ct.	from 17/6	17/6
7012	Do. 15 ct.	,, 25/6	25/6



7013-18

	Straight Sides, with concave or convex glasses—	Oval.	Pantoscopic.	Periscopic.
7013	Steel, blue or straw colour ... ... per doz.	9/-	12/-	12/-
7014	Do. nickelled	1/3	1/3	1/3
7015	Gold, 9 ct. ... ... from	16/6	18/-	16/6
7017	Do. 15 ct. ... ... ,,	25/6	27/-	25/6
7018	Gold filled	3/6	4/6	3/6



7019-21

		Oval.	Periscopic.
	Straight Sides, "Invisible," with concave or convex glasses—		
7019	Steel, straw colour	2/3	2/3
7020	Gold 9 ct.	from 17/6	17/6
7021	Do. 15 ct.	,, 25/6	25/6

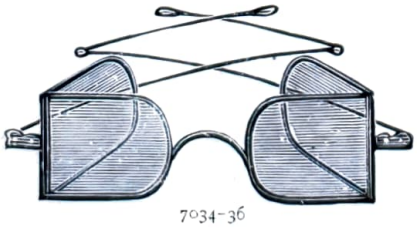
Spectacles in Special Forms, in Cases—

		£	s.	d.
	Bifocal, for Distance and Reading combined, with curl or straight sides—			
7022	Steel, nickel plated	0	7	6
7023	Gold, 9 ct. ... ... from	1	2	6
7025	Do. 15 ct. ... ... ,,	1	11	6
7026	Gold filled	0	10	6
	Billiard Spectacles, with large round eyes, fitted with curl or straight sides—			
7027	Steel, straw colour	0	3	9
7028	Gold, 9 ct. ... ... from	1	5	6
7029	Do. 15 ct. ... ... ,,	2	2	0
	Shooting or Orthoptic Spectacles, with disc in one eye and smoke or coloured glass in the other—			
7030	Steel, straw colour, with curl or straight sides	0	4	6

Any of the above Spectacles, except Bifocals, can be fitted with pebbles, either concave or convex, instead of glasses, at an extra cost of 3/6 *per pair.*



7031-33



7034-36

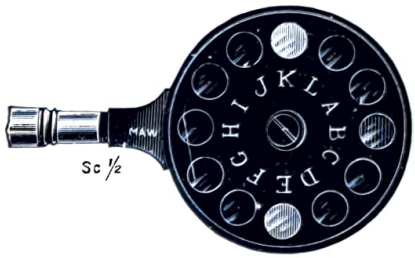
Spectacles with Smoke or Coloured Glasses, in Cases—

	Dome or Globular—			
7031	Steel, blue, 2 qualities	1/- and	0	1 6
7032	Do. nickel plated, 2 qualities	1/- and	0	1 6
7033	Gold, 9 ct.	... from	1	5 6
	D-shape—			
7034	Steel, blue, 2 qualities	3/- and	0	5 0
7035	Do. nickel plated, 2 qualities	3/- and	0	7 6
7036	Gold, 9 ct.	... from	1	16 0
	Flat with straight sides, same shape as No. 7013—			
7037	Steel, blue, 2 qualities	1/6 and	0	2 3
7038	Do. nickel plated	1/- and	0	1 9
7039	Gold, 9 ct.	... from	0	15 0

INSTRUMENTS AND APPLIANCES

FOR

TESTING VISION, Etc.



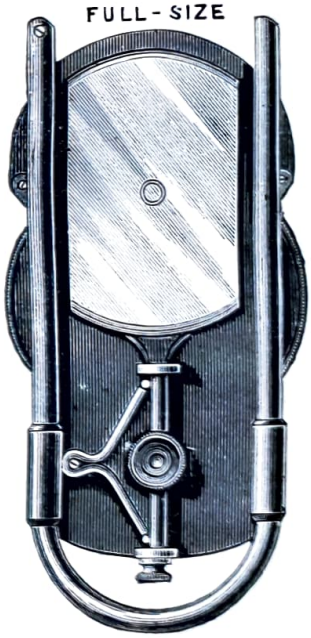
7040

No.	**Colour Vision Tests**	£	*s.*	*d.*
7040	Scripture's Instrument, in the form of an ophthalmoscope, for testing colour weakness and colour blindness	2	2	0
7041	Wools, Holmgren's ... ...per set	0	7	6
7042	**Lens Measure,** Geneva pattern	2	2	0



7043

FULL-SIZE



7044

Ophthalmoscopes—

7043	Baumeister's, in case	1	2	0
7044	Jessop's, in case	1	3	6



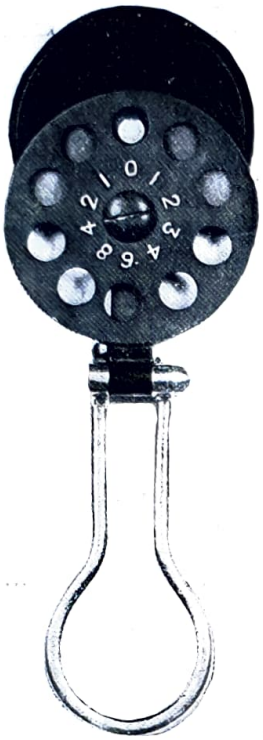
7046

7045	Morton's, in velvet-lined leather case	3	3	0
7046	Do. do. do. improved, with reversible mirror ...	3	10	6

Instruments and Appliances for Testing Vision, etc.—*continued.*

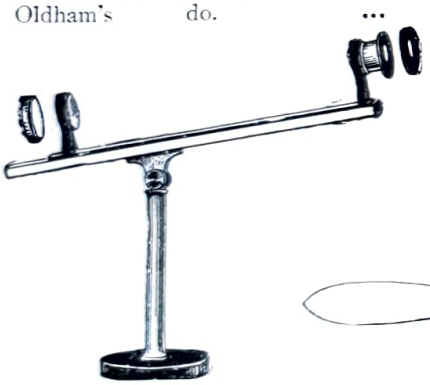


7047

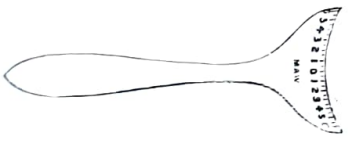


7048

No.	**Ophthalmoscopes**—*continued.*	£	*s.*	*d.*
7047	Lawford's, in leather case	1	8	0
7048	Oldham's do.	1	2	0



7049



7052

7051

	Optometers—			
7049	Brass, on stand	0	12	0
7050	Boxwood, single	0	2	9
7051	Graefe's, with double scale	0	10	6
7052	**Strabismometer**, Lawrence's, ivory	0	4	0
	Perimeters—			
7053	McHardy's, with 2 sliding object carriers and 2 doz. charts	6	15	0
7054	Priestley Smith's	6	15	0



7055



7056



7057

Instruments and Appliances for Testing Vision, etc.—*continued.*

No.		£	s.	d.
	Phantomes, for practising Eye Operations—			
7055	Collins's	0	15	0
7056	Leiter's	2	16	0
7057	Waldau's	1	1	0



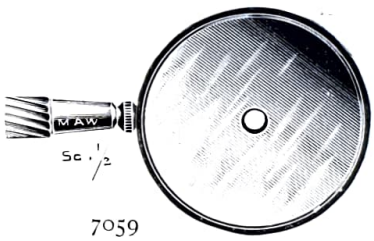
7058

7058 **Refractometer,** Harman's, in case complete 3 14 0

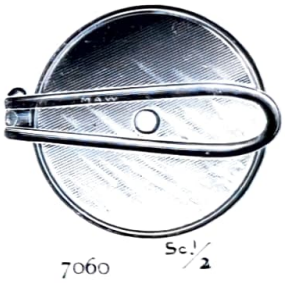
EXTRACT FROM "LANCET," MARCH 7, 1903.

"The instrument was designed to save the time and labour expended in changing the lens during retinoscopy, but it will doubtless prove of value to surgeons in the country and abroad for subjective examinations when the larger test cases may be impracticable, for the whole—face-piece, 'rule,' and eight conplementary lenses and stops—packed in its case measures nine by three and a quarter by one and a quarter inches and weighs 11 ounces, a less bulk and weight than the common yellow-backed novel."

Descriptive Pamphlet on Application.



7059

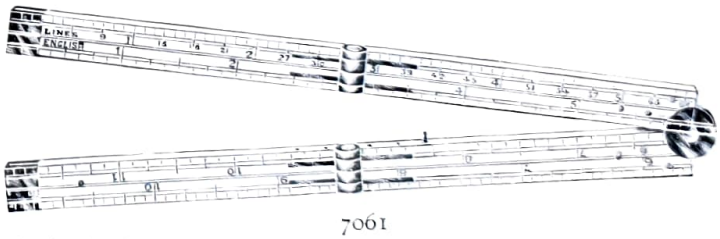


7060

Retinoscopy Mirrors—

7059 Plain or concave, 2 in. diameter, with fluted handle 0 9 6

7060 Do. do. do. with folding wire handle 0 6 6

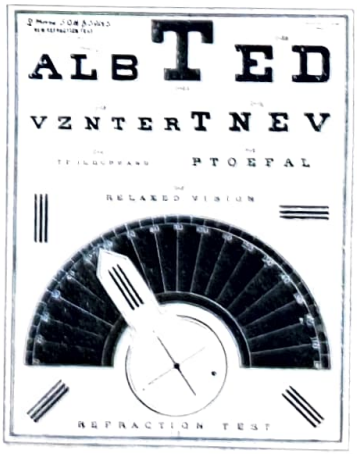


7061

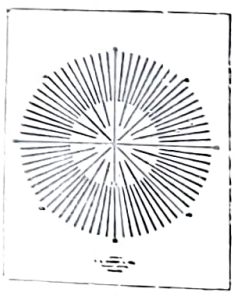
7061 **Spectacle Rule,** graduated in lines, millimeters and inches, boxwood, 4 - ; ivory 0 7 6



7062



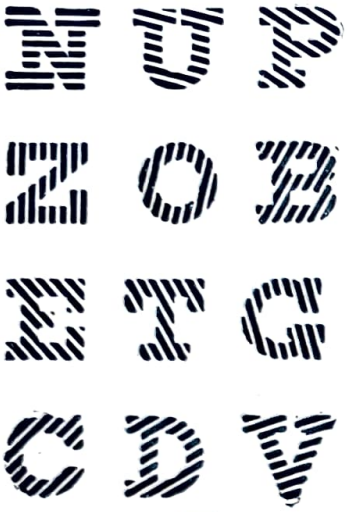
7063



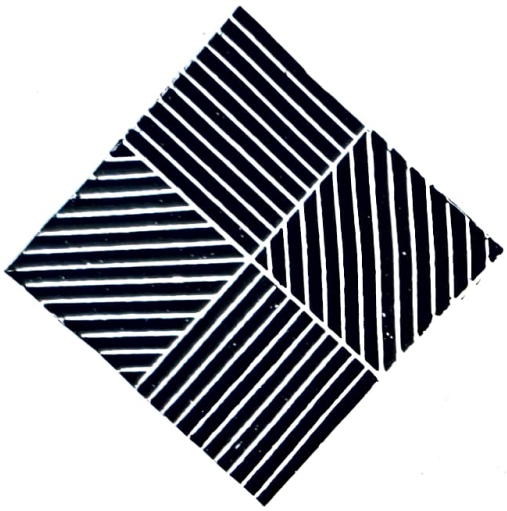
7064

Instruments and Appliances for Testing Vision, etc.—*continued.*

No.	**Test Charts—**	£	*s.*	*d.*
7062	Astigmatism Chart	0	1	6
7063	Astigmatism and Refraction Test combined	0	5	0
7064	Astigmatism Chart...	0	1	6

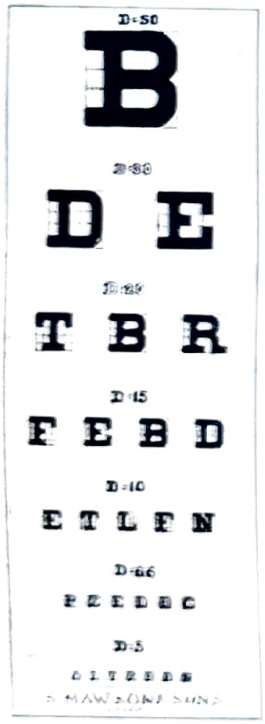


7065

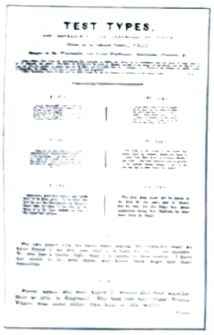


7066

7065	Astigmatism Letter Chart, Pray's, printed on card	0	2	0
7066	Astigmatism Diamond Chart, printed on card	0	1	6



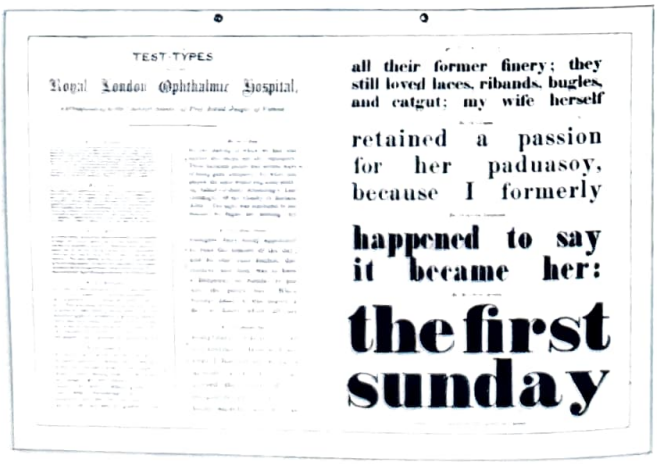
7007



7070



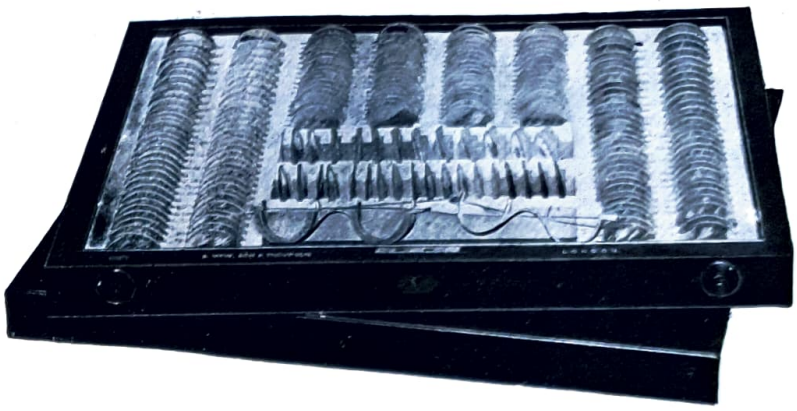
7071



7072

7067	Distance Type, Snellen's, mounted on cedar ... ... per pair	0	7	6
7068	Do. do. unmounted	0	0	6
7069	Do. Macdonald's, with refraction test, mounted on card	0	5	0
7070	Reading Type, Cowell's, mounted on card	0	0	9
7071	Do. do. pocket size, folding	0	0	9
7072	Do. Moorfield's pattern, mounted on card	0	1	6
7073	Reading and Distance Type combined, Jaeger's, in book form, with folded chart for distance, consisting of types in six different languages	0	5	0
7074	Do. do. do. Snellen's, with types in three languages ...	0	5	0

Instruments and Appliances for Testing Vision, etc.—*continued.*



7077

No. **Trial Cases—** £ s. d.

7075 The "General Practitioner's" Set, in mahogany case, consisting of—

11 pairs Spherical Lenses, convex.
11 do. do. concave.
6 do. Cylindrical Lenses, convex.
6 do. do. concave.
1 Prism.
1 Blank Disc.
1 Stenopaic Slit.
1 Pin-hole Disc.
4 Coloured Lenses.
1 Double Divided Trial Frame.

2 10 0

Measurements of Case, 9½ in. by 9 in. by 2½ in.

7076 The "Improved General Practitioner's" Set, in walnut case, consisting of—

20 pairs Spherical Lenses, convex.
20 do. do. concave.
3 Prisms.
12 pairs Cylindrical Lenses, convex.
12 do. do. concave.
1 Stenopaic Slit.
1 Pin-hole Disc.
1 Divided Trial Frame.
1 Blank Disc.
4 Coloured Lenses.

4 4 0

Measurements of Case, 13¼ in. by 9½ in. by 2½ in.

7077 The "Optician's" Set, in polished mahogany case, with lift-off lid, consisting of—

30 pairs Spherical Lenses, convex.
30 do. do. concave.
18 do. Cylindrical Lenses, convex.
18 do. do. concave.
12 Prisms, 3° to 18°.
12 Coloured Lenses.
1 Ground Glass.
1 Stenopaic Slit.
1 Pin-hole Disc.
1 Blank Disc.
1 Lens Holder.
1 Single Trial Frame.
1 Double Divided Trial Frame.

7 5 0

Measurements of Case, 18½ in. by 14 in. by 2¾ in.

7078 The "Consultant's" Set, with the same contents and case as No. 7077, but with all the lenses mounted in metal rims 11 0 0

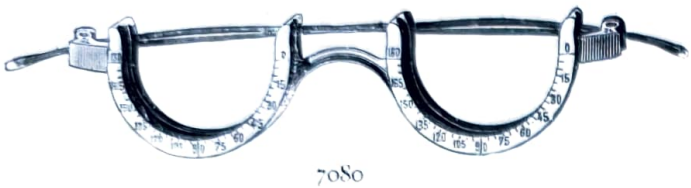
7079 The "Improved Consultant's" Set, in polished mahogany case, with bevelled glass top, consisting of the following 1½ in. lenses in metal rims, with handles—

35 pairs Spherical Lenses, convex.
35 do. do. concave.
21 do. Cylindrical Lenses, convex.
21 do. do. concave.
15 Prisms, 1° to 20°.
14 Discs.
1 Retinoscope.
1 Single Trial Frame.
1 Double Divided Trial Frame.
1 Lens Measure.
1 Maddox Groove.
1 Maddox Rod.
1 Chromatic Test.

18 18 0

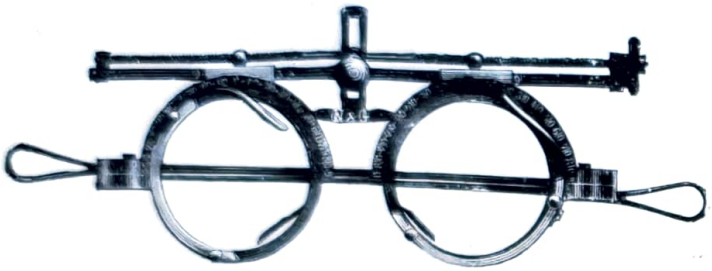
Measurements of Case, 22 in. by 16½ in. by 5½ in.

Instruments and Appliances for Testing Vision, etc.—*continued.*



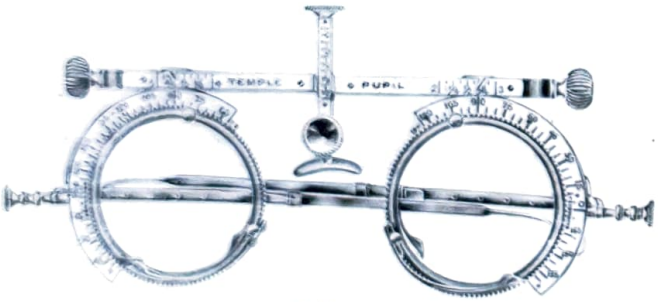
7080

No.	**Trial Frames**—	*£ s. d.*
7080	Double, divided for 4 lenses	0 10 6



7081

7081	Double, divided for 4 lenses, adjustable to width of face	1 12 6
7081*a*	Do. do. Moorfield's pattern	1 12 6
7082	Do. divided, with blank discs attached	0 19 0



7083



7084

7083	Double, divided, with widths of centres, facial breadths and height of bridges	2 12 6
7084	Single, divided, best quality	0 4 0

INVALID AND CONSULTING ROOM FURNITURE, Etc.



7085



7087

No.	**Bed or Back Rests**—	£	s.	d.
7085	Cane centre, with polished wood frame ...	0	12	6
7086	Do. do. do. with arms	0	15	6
7087	Iron, white enamelled, with canvas centre	0	14	0
7088	Do. do. do. with arms	1	1	6

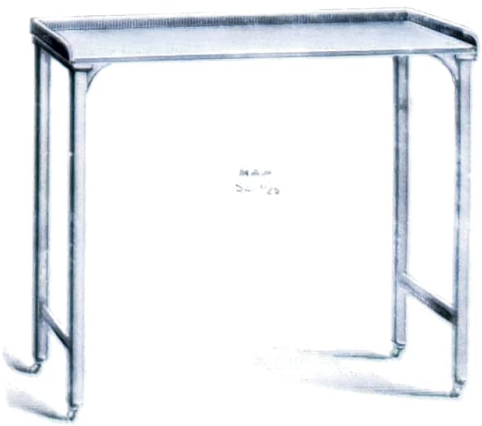


7089



7091

7089	Spring wire centre, with wood frame ...	0	14	0
7090	Do. do. do. with arms	0	16	6
7091	Upholstered in cretonne, with hinged arms ...	2	14	0



7092



7093

Bed Tables

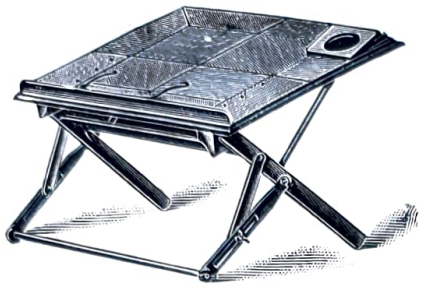
7092	Sydney Holland's to stand over the bed ...	1	2	6
7093	Telescopic to stand at the side of the bed, suitable also as a reading desk ...	1	5	0

The leg is then slid under the flap to the centre, when not required as a bed table.

Invalid and Consulting Room Furniture, etc.—*continued.*



7094

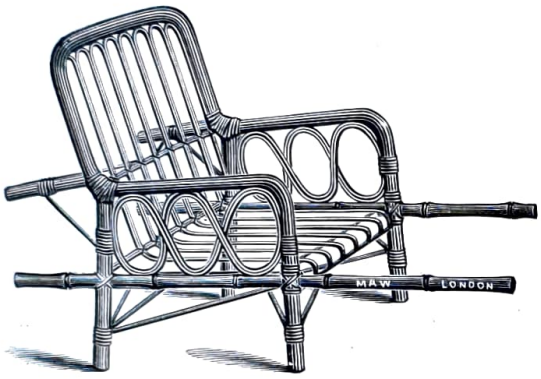


7095

No.	**Bed Tables**—*continued.*	£	*s.*	*d.*
7094	Plain wood, polished, with detachable legs	0	8	0
7095	"The Victoria" polished walnut, adjustable, suitable also as a writing table or reading desk ...	1	2	6



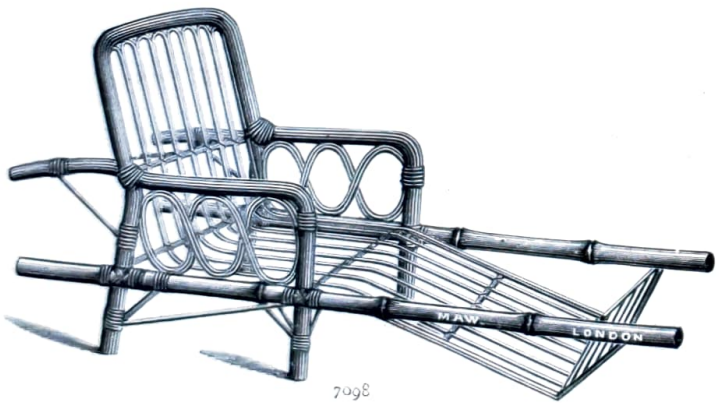
7096



7097

Carrying Chairs—

7096	Caned seat and back, with polished wood frame, folding	1	11	6
7097	Cane and bamboo	1	1	9



7098

7098	Cane and bamboo, with leg rest	1	7	9



7099

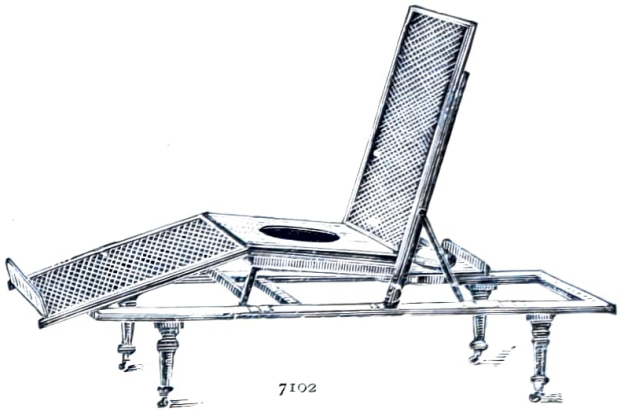


7101

Commode Chairs—

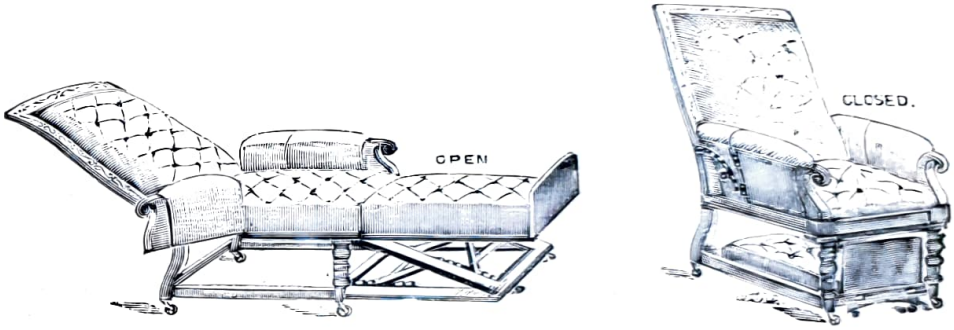
7099	Improved model, with drop hinged arms to admit of assistance being rendered more easily, fitted with patent trapped pan which is withdrawn from behind the chair	4	7	6
7100	Do do. as No. 7099, but unupholstered	3	12	0
7101	Infirmary model, with caned back and seat	1	16	0

Invalid and Consulting Room Furniture, etc.—*continued.*



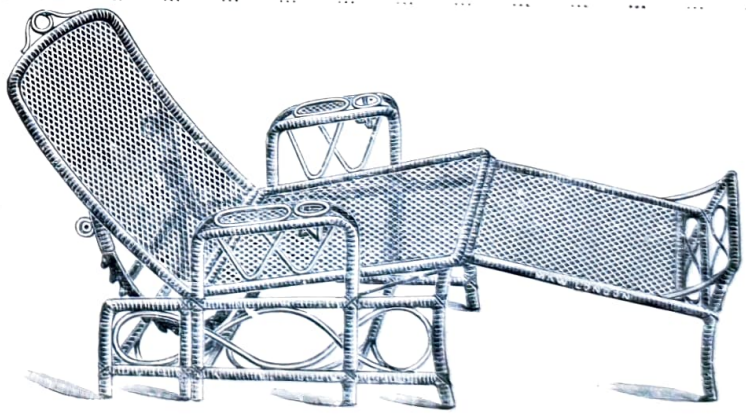
7102

No.		£	*s.*	*d.*
7102	***Commode Couch,** adjustable, with caned back and leg rest	5	0	0



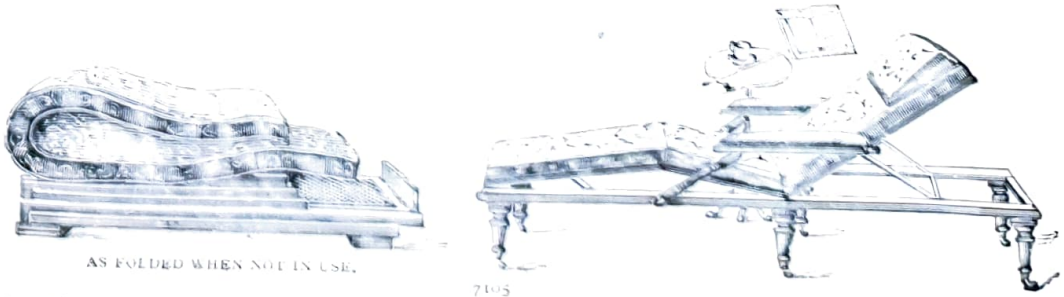
7103

7103 ***Couch and Chair,** combined, with adjustable back and leg rest, fitted with hinged arms, which swing open so that the invalid may more easily get on and off; upholstered in tapestry, and stuffed with hair 12 15 0



7104

7104 **Couch,** cane, adjustable, with leg rest, to slide beneath the seat 1 14 0



AS FOLDED WHEN NOT IN USE.

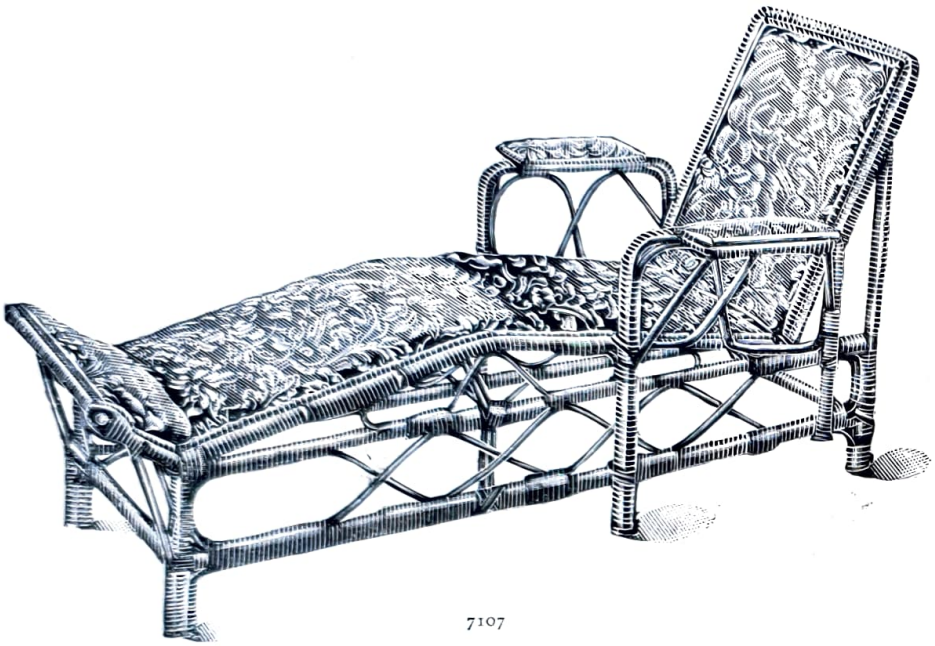
7105

7105 **Couch,** Ilkley pattern, adjustable to any position, and fitted with padded arms, and cretonne-covered cushions, stuffed with hair 6 3 6

7106 Do. do. do. without arms and cushions 3 10 6

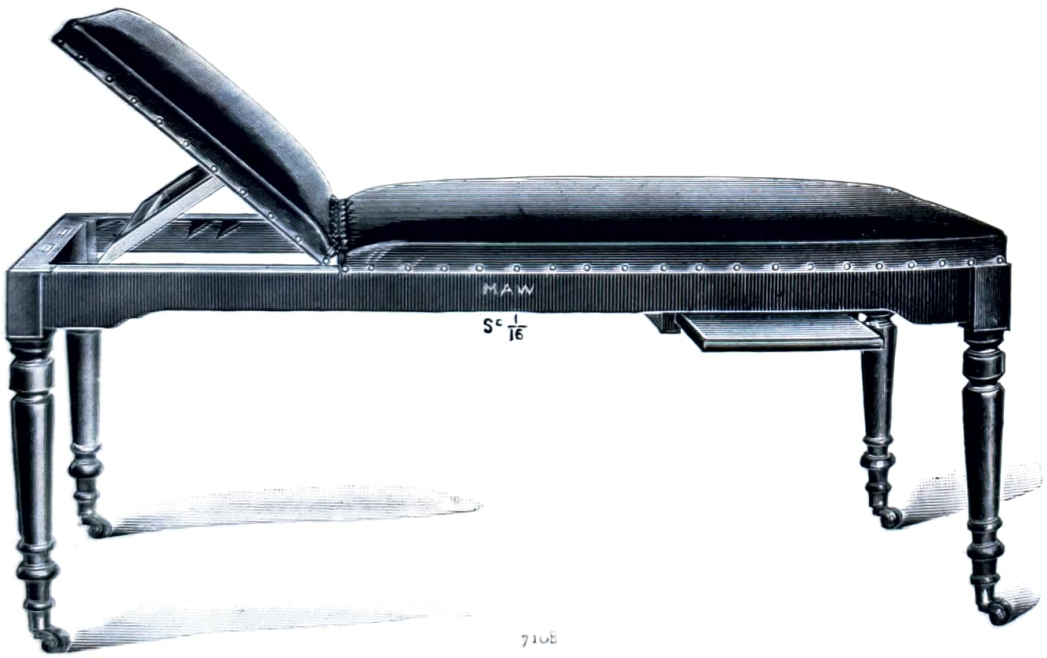
* Made to order only.

Invalid and Consulting Room Furniture, etc.—*continued.*



7107

No.		*£ s. d.*
7107	**Couch,** sanatorium pattern, cane, with cretonne-covered cushions stuffed with hair	2 17 6

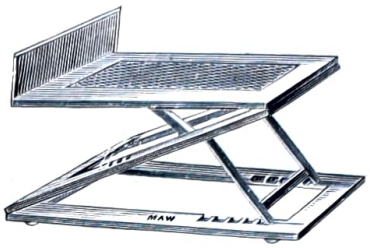


7108

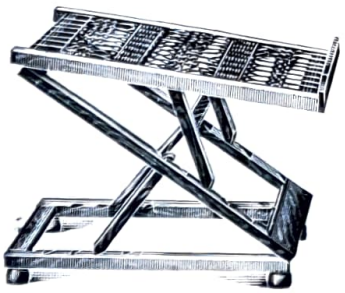
7108	**Consulting Room Couch,** polished mahogany or walnut colour, with adjustable back-rest and sliding tray, covered in leather cloth	5 5 0
	Length, 6 feet; width, 2 feet; height, 30 in.	
7109	*Do. do. as No. 7108, but made of best Spanish mahogany, covered with leather and stuffed with hair	7 10 0

* Made to order only.

Invalid and Consulting Room Furniture, etc.—*continued.*

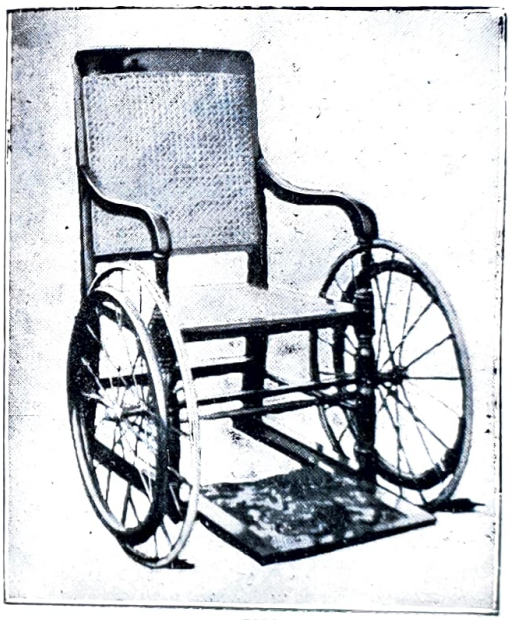


7110



7111

No.		£	s.	d.
	Leg Rests, adjustable—			
7110	Caned centre, with polished wood frame	1	13	0
7111	Spring wire centre, with wood frame	1	3	0
7112	**T**-shape, plain	0	2	3



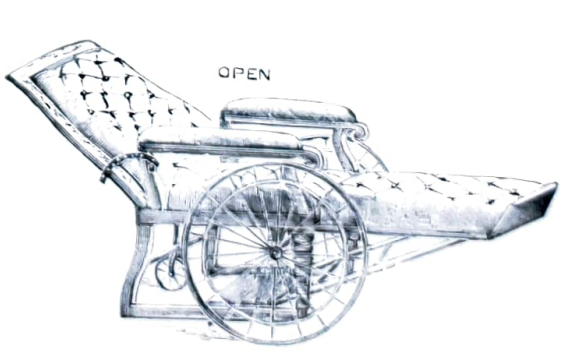
7113



7114

Merlin or Wheel Chairs—

7113	Superior quality, with caned back and seat, rubber-tyred bicycle wheels, polished hand rims, and sliding foot-board	3	18	0
7114	Windsor pattern, with adjustable leg rest and suspended foot-board	4	7	6





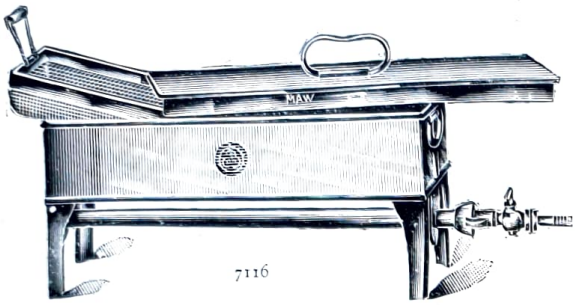
7115

7115	***Merlin Chair and Couch** combined, fitted with best quality bicycle wheels, polished hand rims, and sliding foot rest; upholstered in tapestry and stuffed with hair	13	10	0

* Made to order only.

STERILISATION APPARATUS.

(For Catheter Sterilisers see pages 171-174).



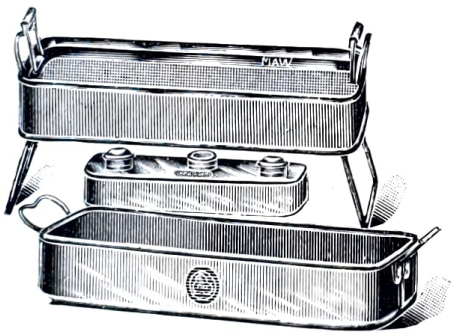
7116

No.	**Sterilisers,** for Instruments for General Surgery—	*£ s. d.*
7116	Nickel plated, on fixed legs, fitted with long Bunsen burner for gas, 2 sizes, 16 in. by 5 in. by 4 in., 38/6; 15 in. by 5 in. by 3 in.	1 16 6

Either of the above can be supplied with a two-burner spirit lamp in place of the Bunsen burner at 3/6 each less.



7117



7118

7117	Nickel plated, with drop-in lid, folding legs, and two-burner spirit lamp ... 15 in. by 4 in. by $2\frac{3}{4}$ in.	1 12 0

This is a convenient form of steriliser to carry in a midwifery or surgical bag, being lighter and more compact than most of its kind.

7118	Nickel plated, with folding legs, two-burner spirit lamp, and deep drop-over lid which can be used as a tray for instruments, 2 sizes, 16 in. by 5 in. by $2\frac{1}{2}$ in., 36/-; $12\frac{3}{4}$ in. by $4\frac{3}{4}$ in. by 2 in.	1 11 6
7118*a*	Do. do. copper, un-plated ... ... 30/- and	1 6 0



7119

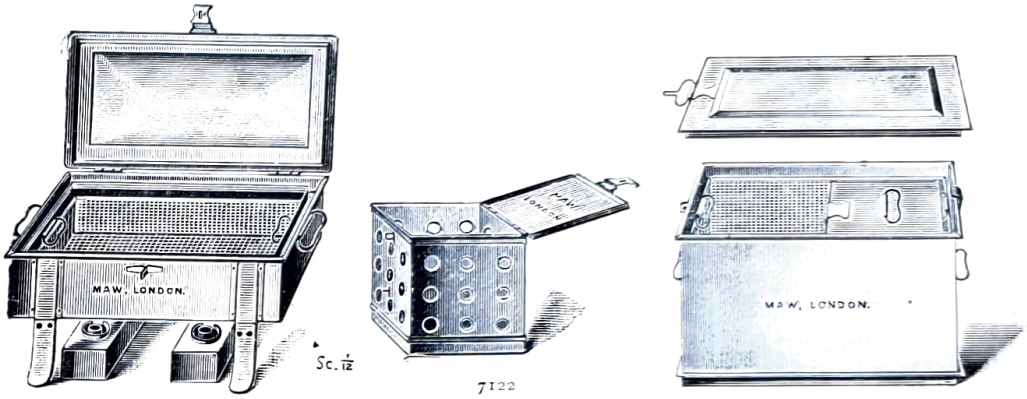


7121

Sterilisation Apparatus—*continued.*

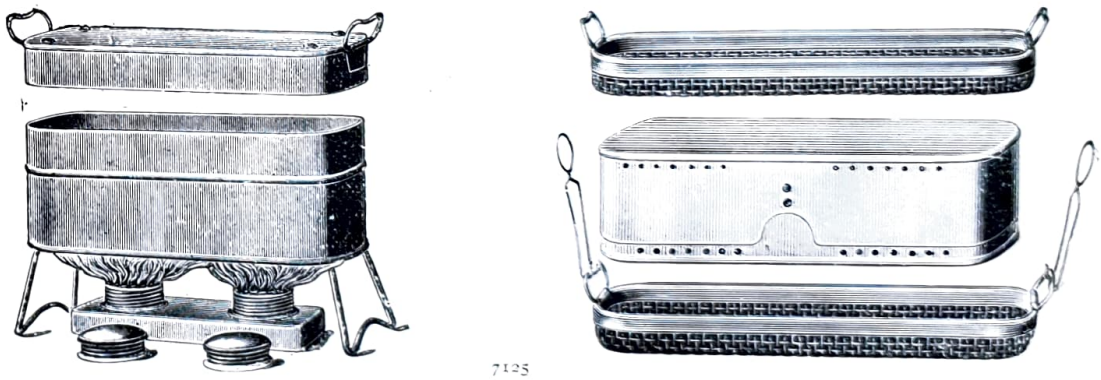
No.	**Steriliser,** for Instruments for General Surgery—*continued.*	£	s.	d.
7119	Enamelled iron, with wrought iron stand and three-burner lamp, 15½ in. by 5 in. by 4 in.	1	0	0
7120	Do. do. without stand or lamp	0	8	6
7121	Nickel plated, for instruments and dressings, with folding legs and two-burner lamp, two sizes, 16 in. by 5 in. by 2½ in., 53 6; 12¾ in. by 4¾ in. by 2 in.	2	5	0

The Dressing Steriliser fits inside the Instrument Steriliser so that the apparatus can be more conveniently carried in the surgeon's bag.



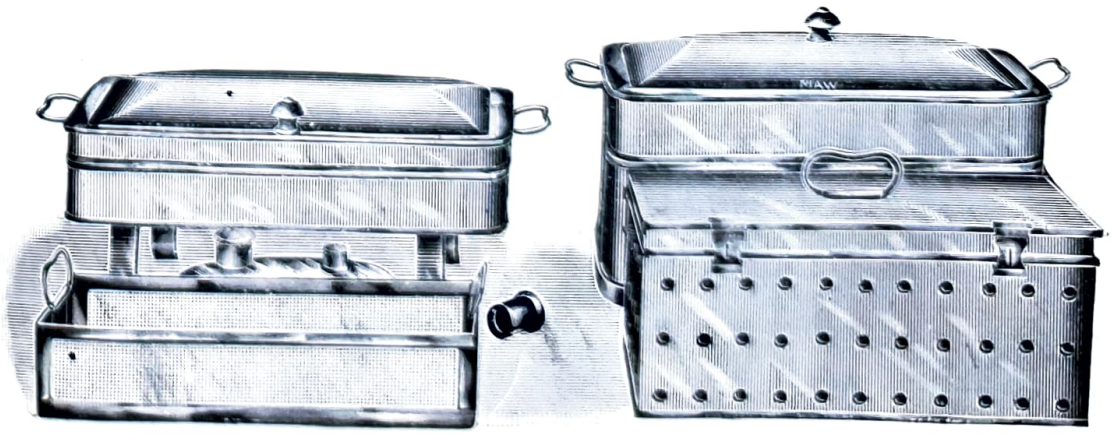
7122

7122	Schimmelbusch's, nickel plated, for instruments and dressings, with wire trays, 2 perforated boxes and spirit lamp, size, top portion 15 in. by 8 in. by 8 in.; bottom portion 15 in. by 8 in. by 4 in. ...	6	0	0
7123	Perforated Towel Box, 13 in. by 6 in. by 5 in., for use with the above	1	8	0
7124	Schimmelbusch's, as No. 7122, but smaller size, with top portion 13 in. by 7 in. by 7 in., and bottom portion 13 in. by 7 in. by 3 in.	5	5	0



7125

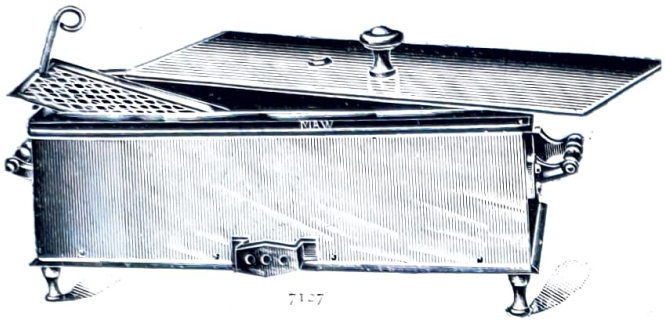
7125	Nickel plated, with tray for instruments, perforated box for bandages, etc., stand and lamp, 10 in. by 4 in. by 3¼ in.	1	7	6



7120

7126	Navy pattern, copper, for instruments and dressings	6	6	0
7126a	Do. do. for instruments only	2	5	0

Sterilisation Apparatus—*continued.*

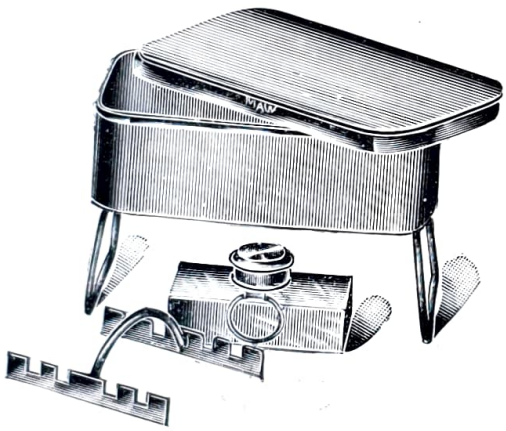


7127

No.	**Sterilisers,** for Instruments for General Surgery—*continued.*	*£ s. d.*
7127	Nickel plated, to heat by electric current, fitted with patent fuse to prevent burning, and plug for regulating the amount of current, 2 sizes, 16 in. by 7½ in. by 7 in., 126/–; 14 in. by 7½ in. by 7 in.	5 5 0
	When ordering the above Sterilisers, the voltage of the current on which it is to be used, must be specified.	
7128	Tin, with detachable legs, and one-burner lamp, 13 in. by 4 in. by 3 in.	0 12 6
7129	Do. do. do. with two-burner lamp, 16 in. by 4¾ in. by 3 in.	0 15 6



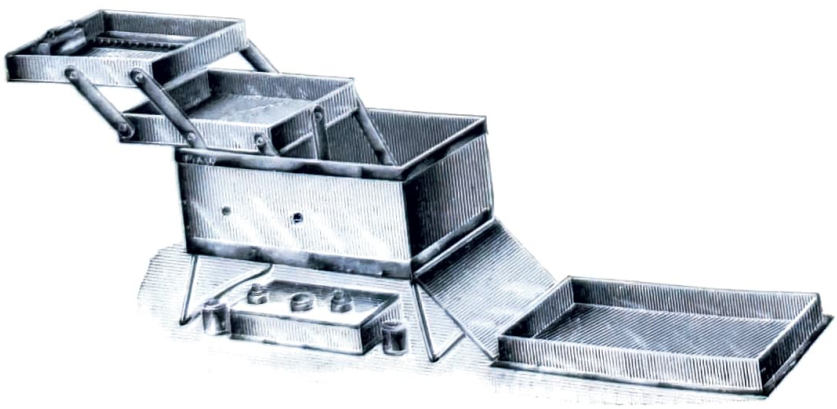
7130



7131

Sterilisers, for Eye or Dressing Instruments—

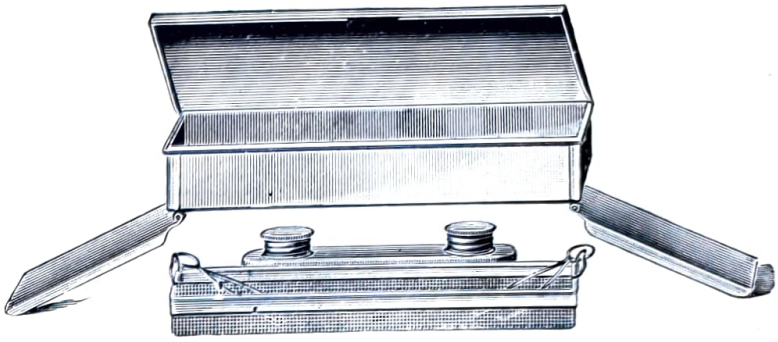
7130	Bolinger's, with folding legs, 2 circular lamps, wire tray, and flask or methylated spirit, 7 in. by 4 in. by 1⅞ in.	0 18 6
7131	Nickel plated, with folding legs, spirit lamp, and rack for knives, etc., 6 in. by 5½ in. by 2 in. ...	0 15 0



7132

7132	Beaumont's, nickel plated, with 2 hinged trays, which can be raised without detaching from the steriliser	3 7 6

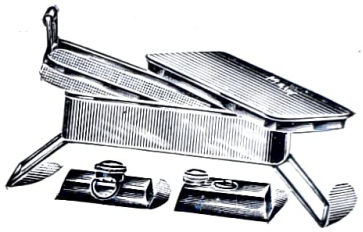
Sterilisation Apparatus—*continued.*



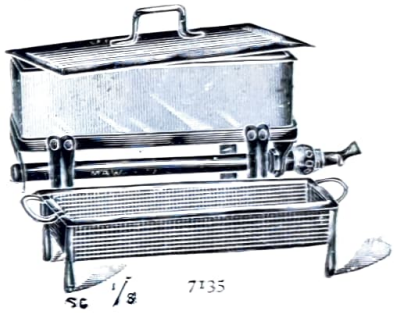
7133

No. **Sterilisers,** for Eye or Dressing Instruments—*continued.* £ s. d.

7133 Nickel plated, with folding legs, wire tray and two-burner lamp... ... ... 1 0 0



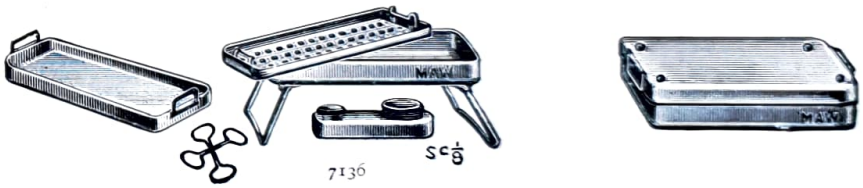
7134



7135

7134 **Nickel** plated, with folding legs, wire tray, spirit lamp, spirit flask and drop-in lid, 2 sizes, 9 in. by 3¾ in. by 1¾ in., 21/-; 8 in. by 3¼ in. by 1¾ in. 0 18 6

7135 **Enamelled** iron, on stand, with wire tray and Bunsen burner, for gas, 9½ in. by 4¼ in. by 2¼ in. ... 0 16 0



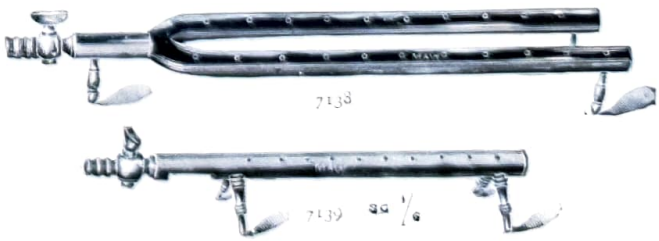
7136

7136 **Nickel** plated, seamless, with drop-over lid, perforated tray and spirit lamp; size, 7 in. by 3 in. by 1½ in. 0 15 0



7137

7137 **Steriliser Forceps,** with blades specially constructed to remove either large or very small instruments from the steriliser 0 10 6



7138

7139

Steriliser Bunsen Lamps, for Gas—

7138 Double, nickel plated 0 14 6

7139 Single do. 0 9 6

Sterilisation Apparatus—*continued.*

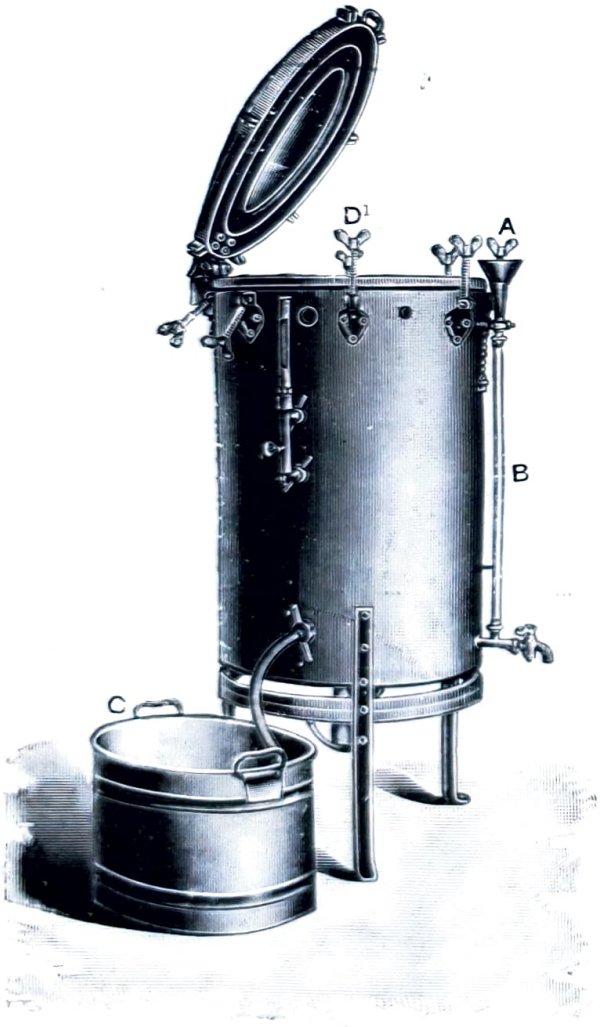


7140



7142

No.	**Sterilisers,** for Ligatures, etc.—	£	s.	d.
7140	For catgut Mayo Robson's, nickel plated	0	11	6
7141	Do. Jellett's	0	18	6
7142	For silk, nickel plated, with perforated reels of pure tin	0	7	0



7143-48

SCHIMMELBUSCH'S STEAM STERILISER.

INSTRUCTIONS FOR USE.—Remove brass cap (A), and pour water into the apparatus until it stands at about 3 inches above the bottom of the gauge glass (B). Then light the gas burner beneath the cylinder, and, as soon as steam begins to appear from the holes on the interior of the jacket, place the dressing kettles (previously filled with dressings) in the sterilising chamber, being careful to see that the windows in the kettles are *open*, so as to allow free access to the steam. Now tightly screw down the lid of the apparatus by means of the thumb-screws (DD1), and leave it down until the process of sterilisation is complete. The dressings must be allowed to remain in the steriliser until they have been subjected to a temperature of at least 212° F., as indicated by the thermometer, for 30 minutes. The lid of the apparatus must then be opened, and the kettles must remain for about five minutes longer, in order to allow the dressings to dry before being removed from the sterilising chamber. Immediately upon removing the kettles, close the windows (EE1), so that the dressings cannot again become fouled.

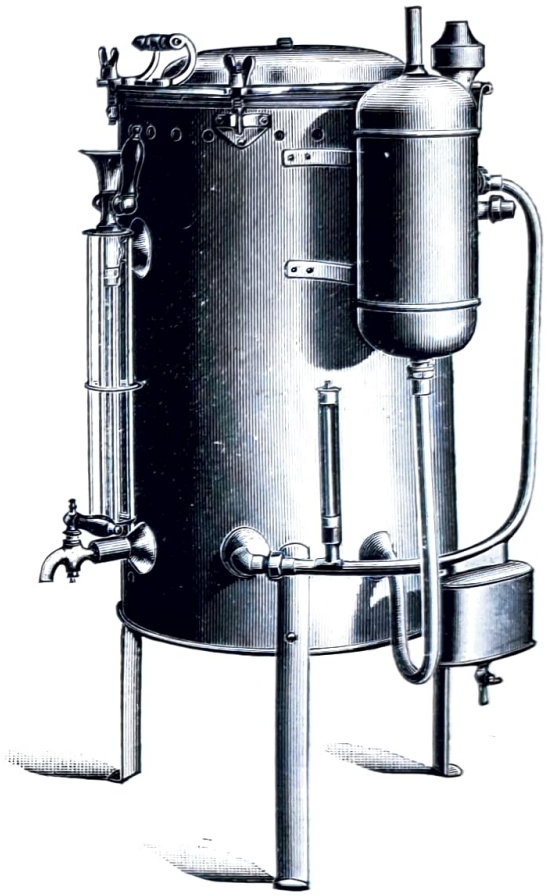
During sterilisation care should be taken that the end of the tube conveying the condensed steam into the bucket (C) is slightly covered with water, otherwise sufficient pressure will not be obtained.

Sterilisers, for Dressings, Towels, etc. (Schimmelbusch's Method), constructed of enamelled iron, with copper interior, and fitted with powerful Bunsen burner for gas, one kettle, and condensing pail; 6 sizes—

7143	No. 1, 12 in. by 8 in. (internal measurements)	5	5	0
7144	No. 2, 15 in. by 10 in. (do. do.)	8	0	0
7145	No. 3, 19 in. by 12 in. (do. do.)	10	0	0
7146	No. 4, 19 in. by 13½ in. (do. do.)	15	0	0
7147	No. 5, 23½ in. by 16 in. (do. do.)	18	10	0
7148	No. 6, 27½ in. by 19 in. (do. do.)	25	10	0

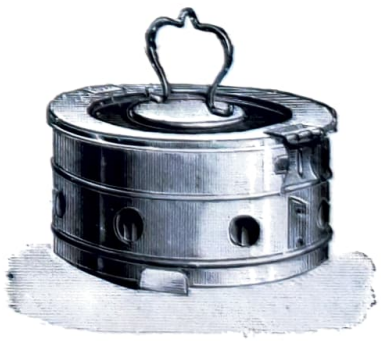
Any of the above Sterilisers can be fitted with a powerful petroleum lamp, in place of the Bunsen burner, at an additional cost of 15/- each. Working instructions are sent out with each apparatus.

Sterilisation Apparatus—*continued.*



7149–52

No.		£	*s.*	*d.*
	Sterilisers, for Dressings, Towels, etc., constructed of white enamelled iron with copper interior, and fitted with improved condenser, one kettle, and Bunsen burner for gas ; 4 sizes—			
7149	No. 1, 12 in. by 8 in. (internal measurements)	8	10	0
7150	No. 2, 19 in. by 10 in. (do. do.)	12	0	0
7151	No. 3, 19 in. by 12 in. (do. do.)	16	0	0
7152	No. 4, 19 in. by 13½ in. (do. do.)	22	0	0



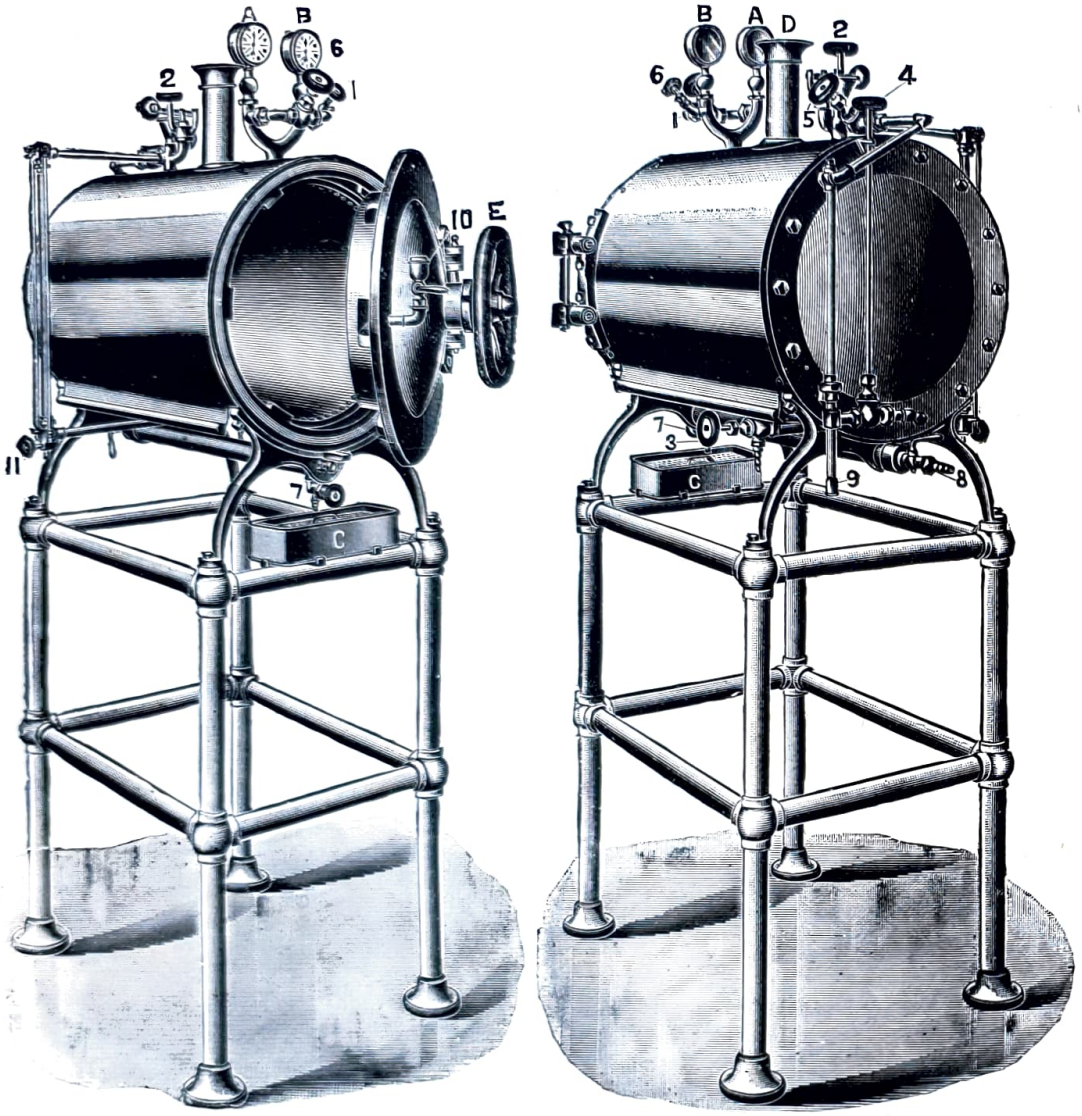
7154

Kettles, nickel plated, for Sterilisers Nos. 7143 to 7152—

7153	Shallow series, of such a depth that each steriliser will hold 4. No. 1, 13/6 ; No. 2, 16/- ; No. 3, 19/6 ; No. 4, 26/6 ; No. 5, 32/- ; No. 6	1	18	6
7154	Deep series, of such a depth that each steriliser will hold 2. No. 1, 16/6 ; No. 2, 19/6 ; No. 3, 22/6 ; No. 4, 31/- ; No. 5, 37/6 ; No. 6	2	5	0

All the larger size boxes are made with two fastenings instead of one.

Sterilisation Apparatus—*continued.*



7155-58

Steriliser, for Dressings, Towels, etc. (high pressure system), latest model, with improved automatic bar-locking door—

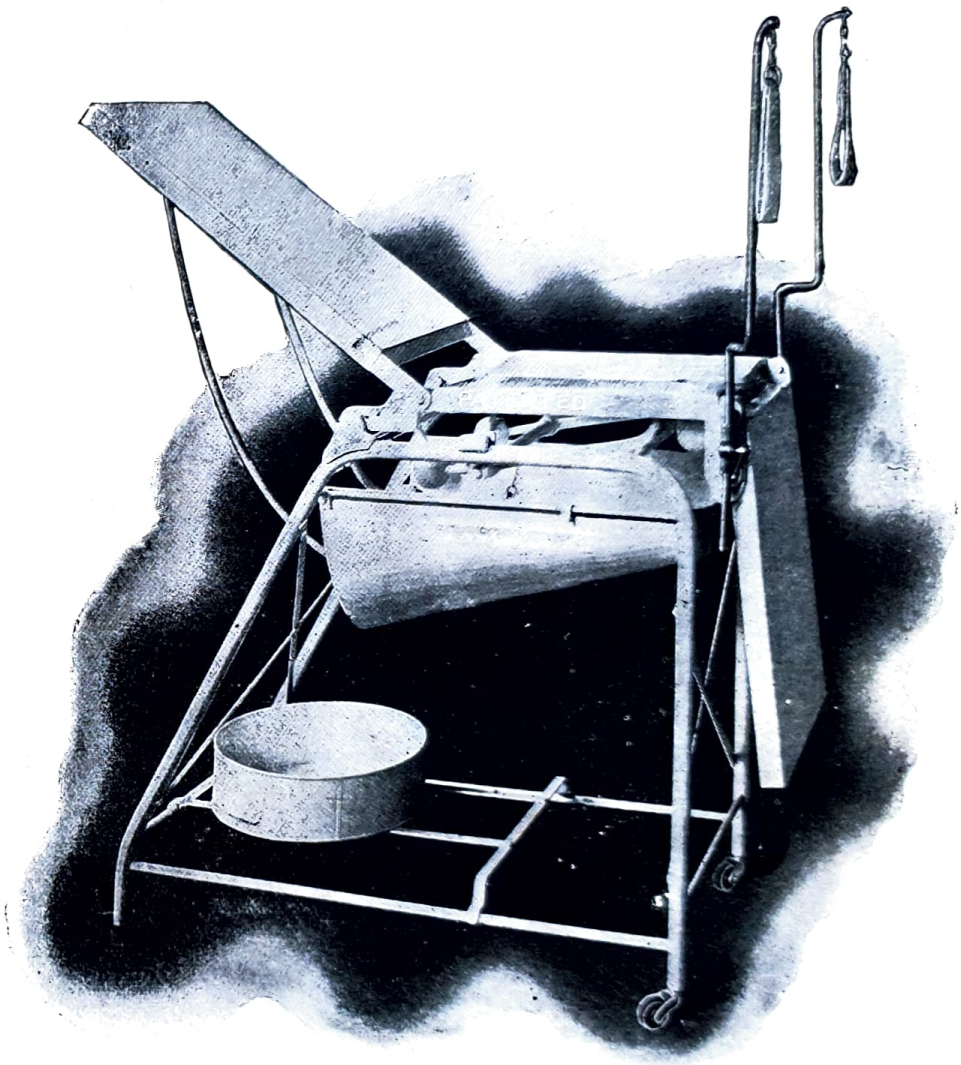
No.		£	*s.*	*d.*
7155	19 in. by 10 in.	42	0	0
7156	20 in. by 12 in.	47	5	0
7157	22 in. by 14 in.	58	5	0
7158	24 in. by 16 in.	68	5	0

The external cylinders are of highly polished brass, and the internal cylinders of heavy copper capable of resisting 50 lbs. pressure to the square inch, whilst the ends are made of wrought iron, black enamelled, and the whole apparatus is mounted on a white enamelled iron stand.

A. Gauge to register pressure within Chamber.
B. Gauge to register pressure within Jacket.
C. Pan to catch any condensation from Chamber.
D. Ventilating Pipe for gas combustion.
E. Handle for opening or closing door.
1. Valve for the discharge of air displaced by water.
2. Valve and Funnel for filling Jacket with water.
3. Valve for injecting water into Jacket.
4. Valve connecting Air Ejector to Chamber.
5. Valve for controlling steam for Vacuum Apparatus.
6. Valve for admitting steam from Jacket to Chamber.
7. Valve for withdrawing any condensation from Chamber.
8. Gas attachment.
9. Ejector or Vacuum Apparatus.
10. Air Filter for destroying vacuum.
11. Valve to empty water from Jacket.

Estimates given for larger sizes if required.

OPERATION TABLES.



7159

General Operation Table and Chair combined— £ s. a.

7159 This is one of the most simple and convenient forms of table that has ever been brought to the notice of the surgical profession. It consists of a tubular steel frame with steel top, enamelled white throughout. By means of ratchets which are automatically locked by counter balance weights, the patient can be placed in every possible position with the greatest ease and comfort. The foot flap is readily detachable so as to give the surgeon a closer and more comfortable position when operating on gynæcological or lithotomy cases. The head flap can be adjusted to various angles. The total height of the table is 34 ins.; the frame is 22 ins. wide, and the length of the top when extended 67 in. 13 10 0

Extras—

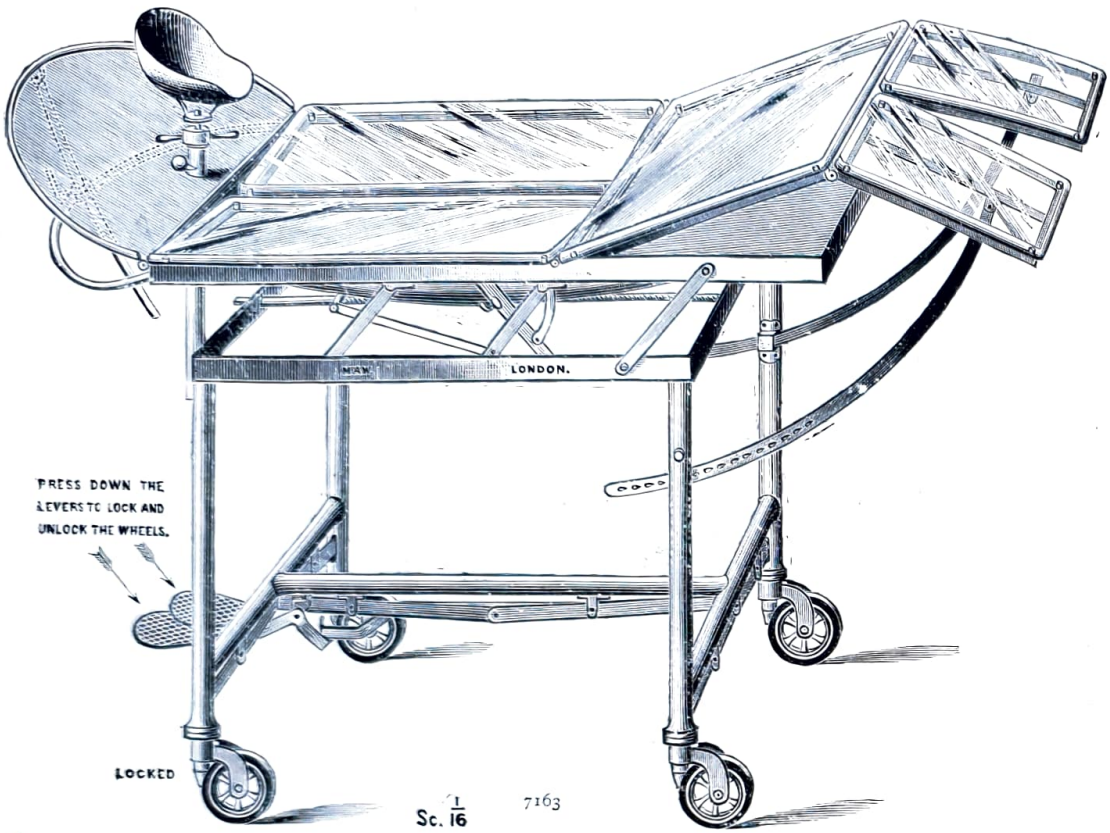
7160 Adjustable Head Rest 5 12 6

7161 Lithotomy Crutches, with leather straps ... ... per pair 2 7 6

7162 Shoulder Rests, with sockets ... ... ,, 1 10 0

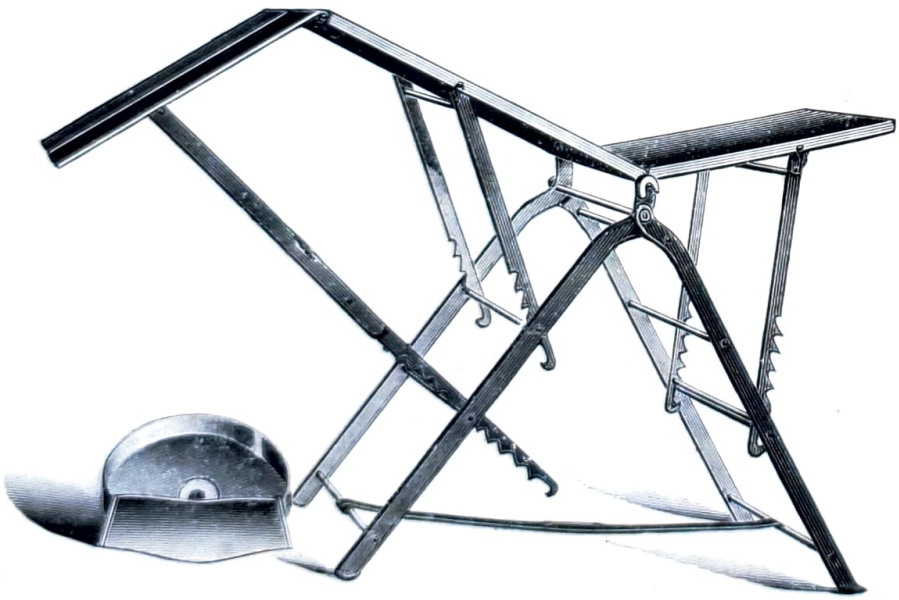
This table is kept in stock complete with lithotomy and shoulder rests; if required without these fittings it must be made specially to order.

Operation Tables—*continued.*



Sc. 1/16 7163

No.		*£ s. d.*
7163	**General Operation Table,** constructed entirely of white enamelled steel and plate glass. The glass slabs which form the top of the table are made to overlap the frames so that there are no angles or corners in which dust may collect, and they are fixed in position by studs projecting from the surface of the frames. By means of a screw movement the height of the table can be altered at will, and by another movement the lower end of the table may be placed in any degree of elevation. It is provided with Victor Horsley's head rest, and an arrangement of levers by means of which the wheels may be locked or unlocked as desired	50 0 0



7164

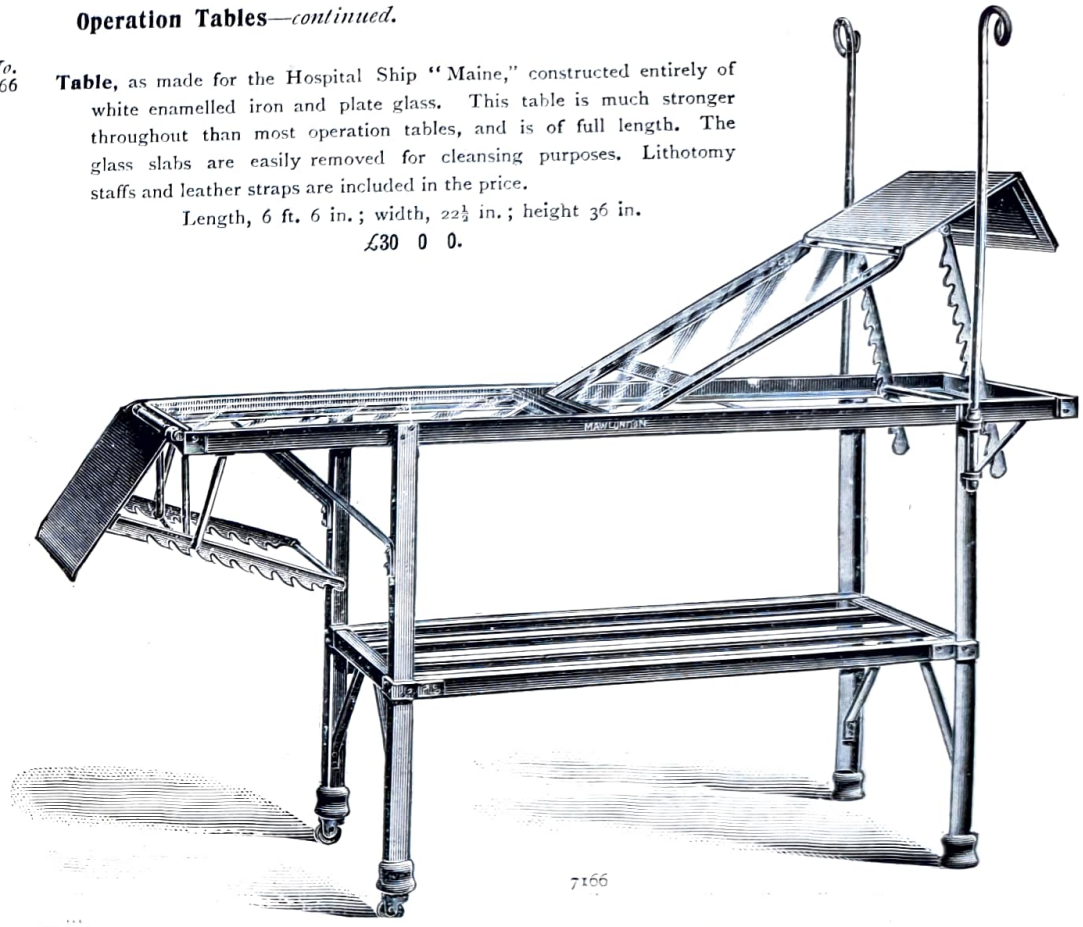
7164	**General Operation Table** (as used by Bland-Sutton), suitable for a Nursing Home. This table is constructed of white enamelled iron throughout, and by means of ratchets the top can be placed in almost any position. It is so constructed that it can be folded into a comparatively small space when not in use, and is light enough to be carried from room to room by two nurses	7 0 0
7165	Douche Receiver, for fixing to foot of table (as illustrated) ... ... extra	1 2 6

Operation Tables—*continued.*

No.
7166 **Table,** as made for the Hospital Ship "Maine," constructed entirely of white enamelled iron and plate glass. This table is much stronger throughout than most operation tables, and is of full length. The glass slabs are easily removed for cleansing purposes. Lithotomy staffs and leather straps are included in the price.

Length, 6 ft. 6 in.; width, 22½ in.; height 36 in.

£30 0 0.

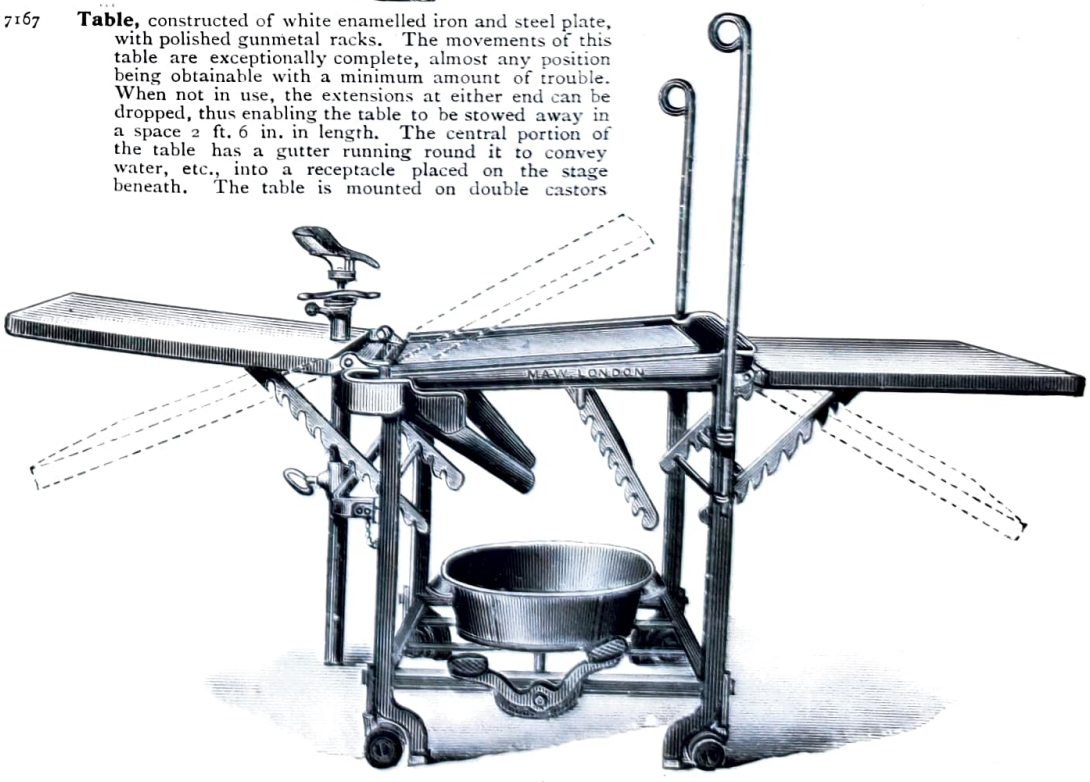


7166

7167 **Table,** constructed of white enamelled iron and steel plate, with polished gunmetal racks. The movements of this table are exceptionally complete, almost any position being obtainable with a minimum amount of trouble. When not in use, the extensions at either end can be dropped, thus enabling the table to be stowed away in a space 2 ft. 6 in. in length. The central portion of the table has a gutter running round it to convey water, etc., into a receptacle placed on the stage beneath. The table is mounted on double castors which can be locked from either side by means of a foot lever 33 0 0

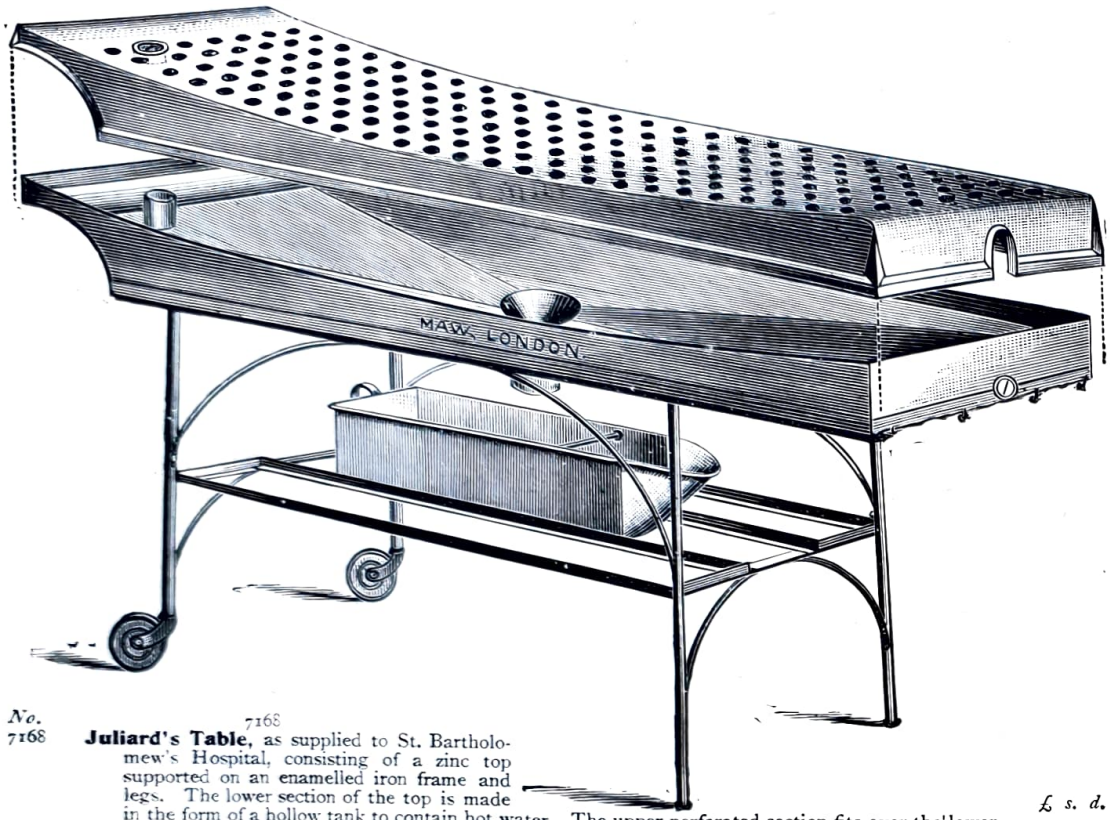
Enamelled Iron Receiver, for placing beneath the table ... ... extra 0 13 6

Adjustable Head Rest, as illustrated ... ... extra 2 12 6



7167

Operation Tables—*continued.*



7168

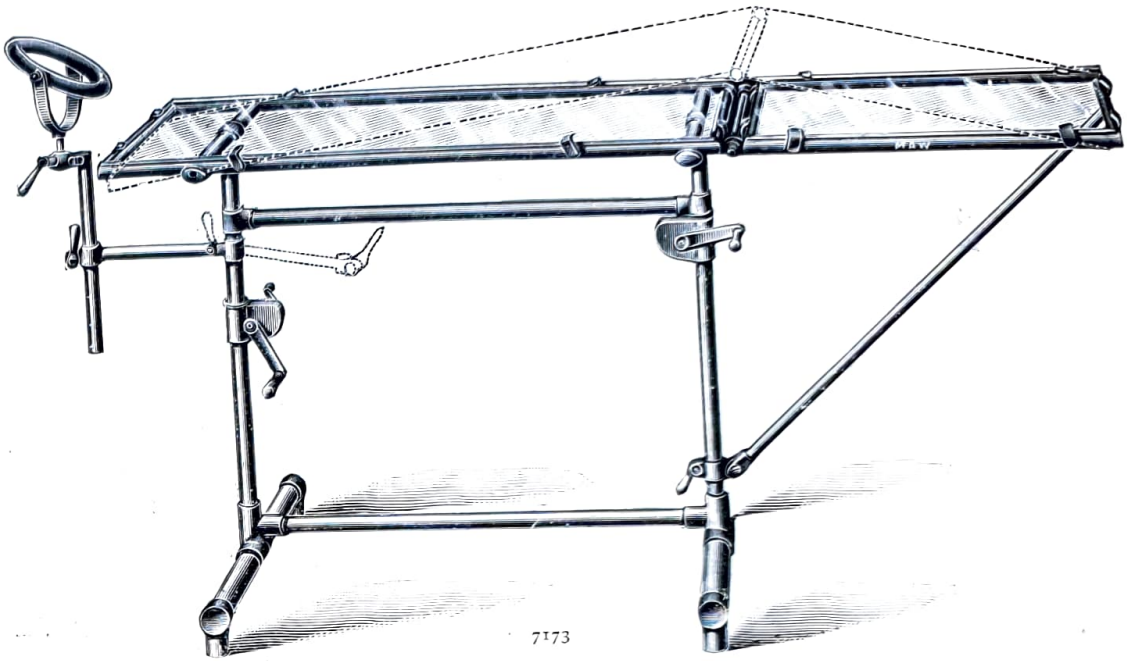
No.		*£ s. d.*
7168	**Juliard's Table,** as supplied to St. Bartholomew's Hospital, consisting of a zinc top supported on an enamelled iron frame and legs. The lower section of the top is made in the form of a hollow tank to contain hot water. The upper perforated section fits over the lower, and between the two there is a narrow interval on all sides in order to prevent scalding of the patient...	15 15 0
7169	Do. do. as No. 7168, but with jointed top, for obtaining the Trendelenburg position	18 0 0
7170	Zinc Tray, for placing beneath the table (as illustrated) ... ... extra	0 13 6



7171

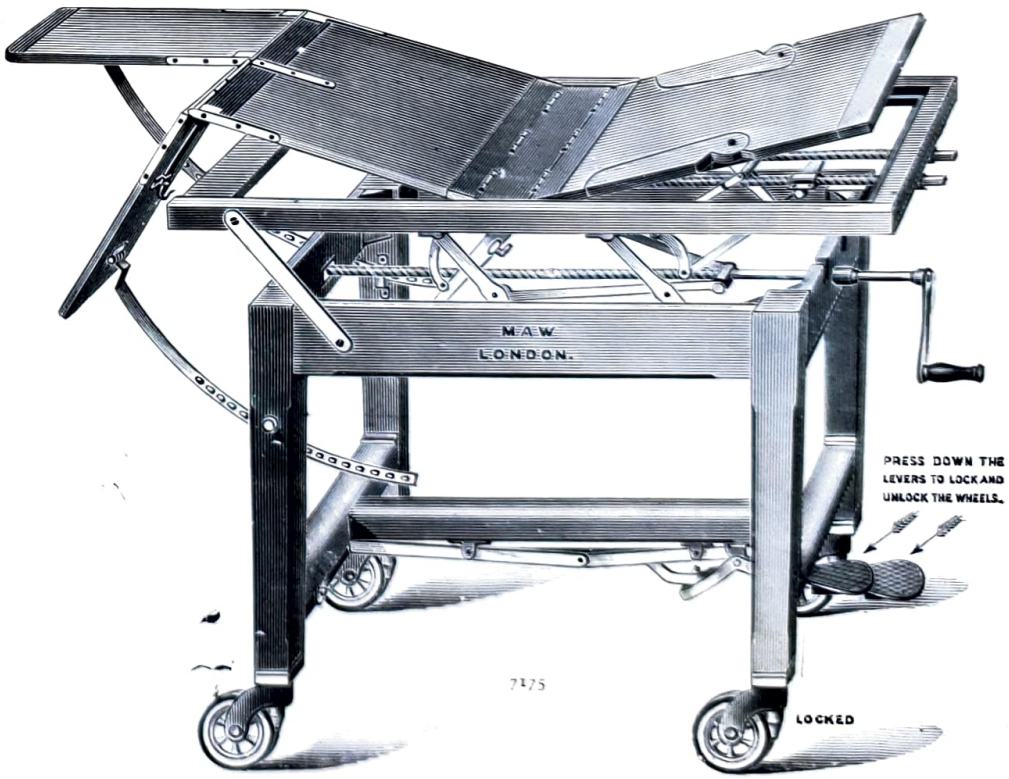
7171	**Table**, constructed of white enamelled iron with zinc hot water tank and polished zinc top, the latter being removable, so that the under part can be more easily cleaned. This table, although it can be obtained at a moderate price, has all the advantages of the more expensive models. It is exceedingly rigid, can be easily manipulated, and is of handsome appearance. Lithotomy staffs, straps, and douche receiver, as illustrated, are included in the price of the table... ...	25 0 0
7172	Enamelled Iron Receiver, for placing beneath the table ... ... extra	0 13 6

Operation Tables—*continued.*



7173

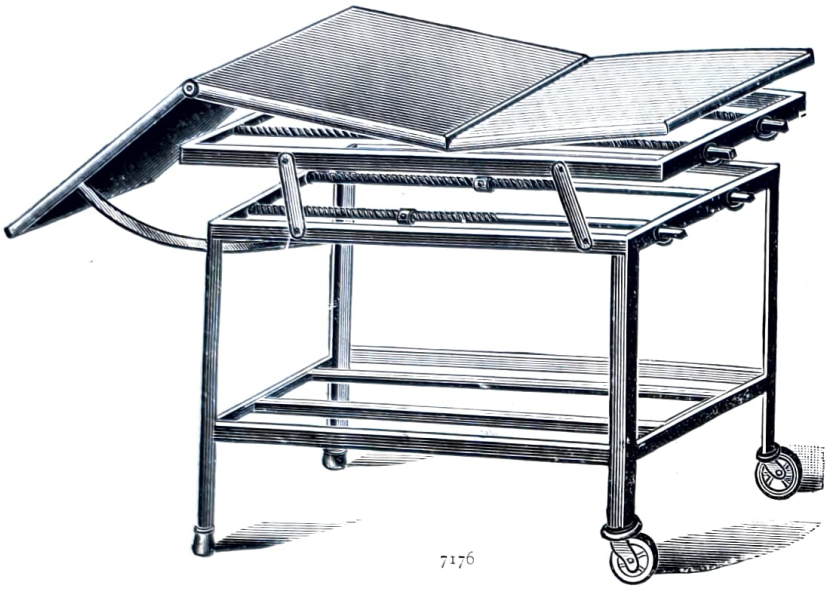
No.		£	*s.*	*d.*
7173	**General Operation Table,** as made for the Brisbane Hospital, constructed of nickel plated tubing and plate glass, with ratchet elevating gear. The framework of the top is supported on two telescopic pillar legs with transverse foot spreads, so that there is nothing beneath the table to prevent the surgeon from getting a comfortable position for his feet and legs. By means of rack movements and extending rods almost any position of the patient can be obtained	45	0	0
7174	Adjustable Head Rest, with revolving arm, as shown in the illustration ... ... extra	2	2	0



7175

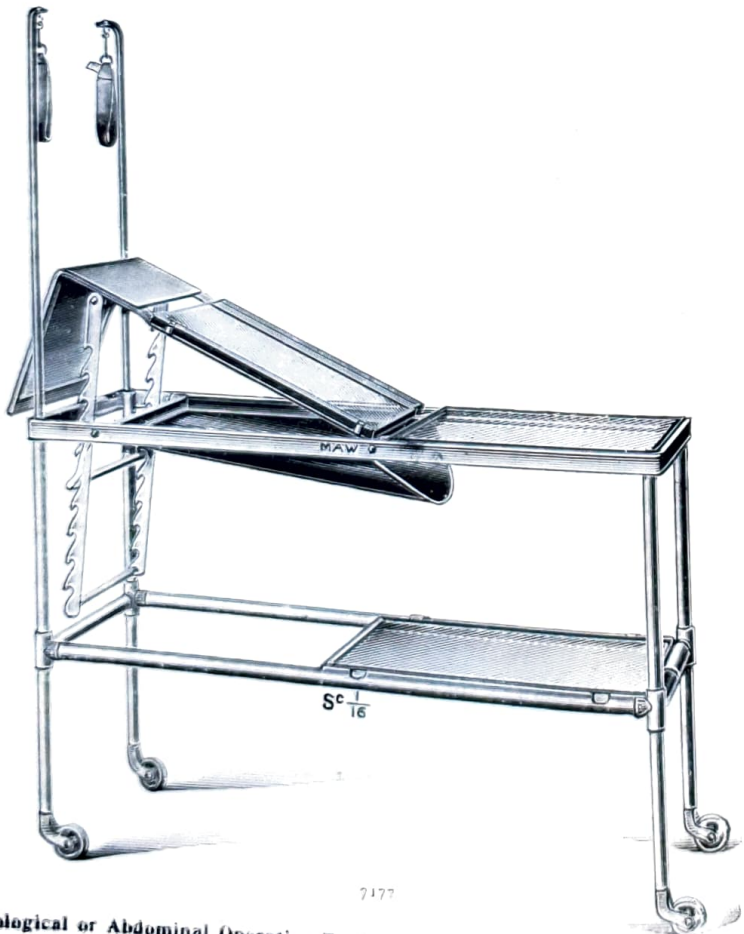
7175	**General Operation Table,** as made for the Middlesex Hospital. This table is made of the best Spanish mahogany, and is so constructed that its various parts can be adjusted and the height altered to suit the convenience of the surgeon by simply turning the screws at the head of the table. The castors upon which the table stands are controlled by two pedals, and can be instantly locked if desired	80	0	0

Operation Tables—*continued.*



7176

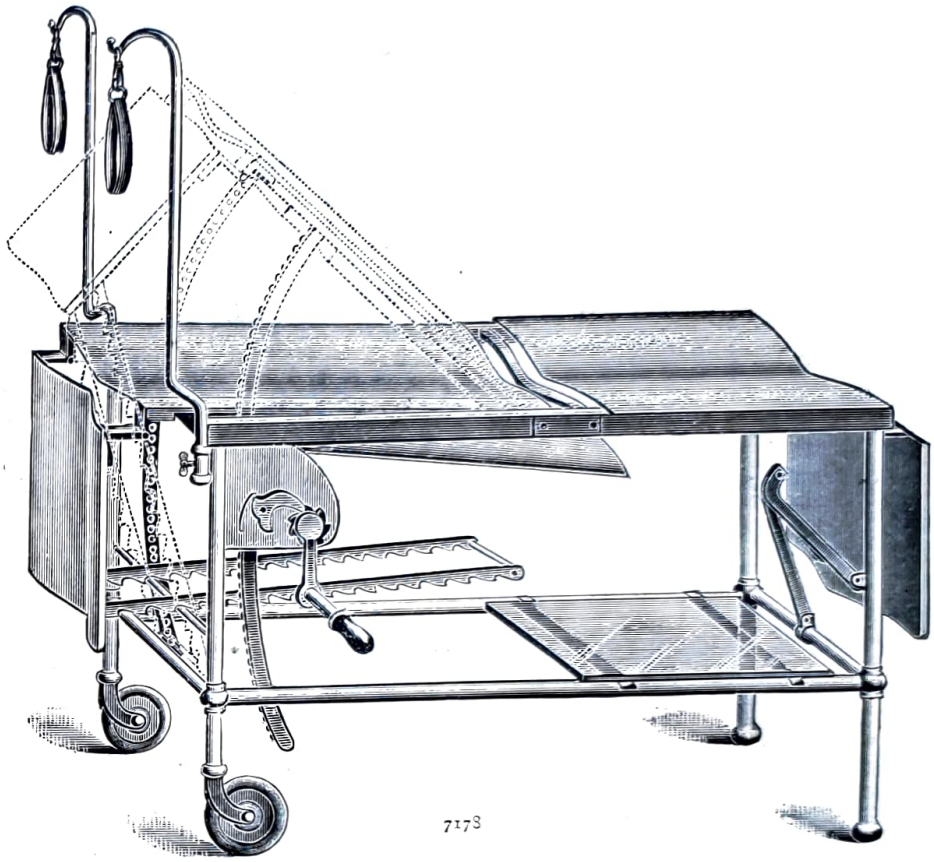
No.		£ s. d.
7176	**General Operation Table**, with similar mechanism to that described under No. 7175, but constructed of white enamelled steel with zinc top instead of wood. This table, however, is fitted with 2 wheels instead of 4, and does not therefore require the locking mechanism ...	35 0 0



7177

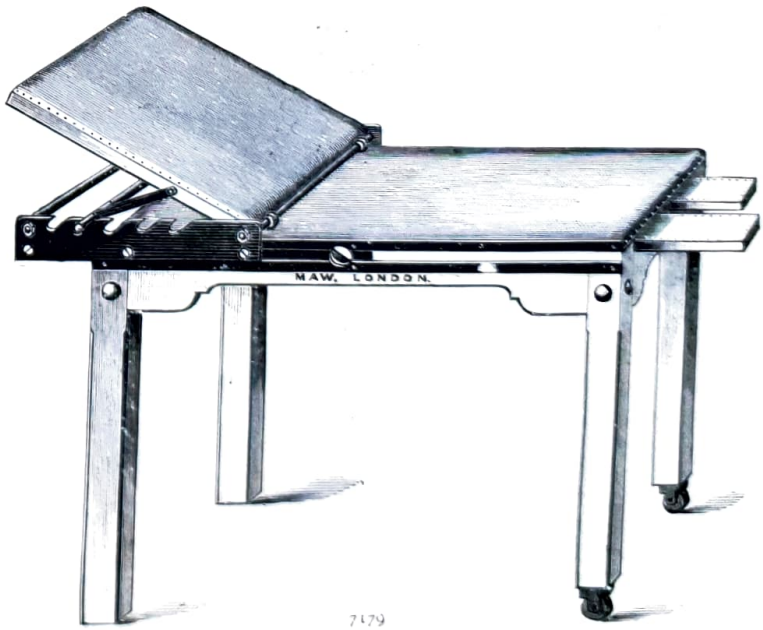
7177	**Gynæcological or Abdominal Operation Table**, consisting of a tubular steel frame, with plate glass top and enamelled leg rest. This table is mounted on 4 rubber-tyred wheels and is sent out complete with lithotomy stirrups and heel straps, as illustrated	16 16 0

Operation Tables—*continued.*



7178

No.		£ s. d.
7178	**Table,** constructed of white enamelled iron with nickel plated fittings, and fitted with copper hot-water tanks, standards and straps for lithotomy position, large wheels at foot and nickel plated fittings	36 10 0



7179

7179 **The Cottage Hospital Table.**—The above table has been designed with a view to obtaining a cheap and useful form of table for a Cottage Hospital. It consists of a padded top covered with white macintosh and supported by a strong white-enamelled wood frame. It is fitted with a sliding and adjustable back support and leg rests. The two front legs of the table are furnished with castors 10 10 0

Operation Tables—*continued.*



7180

No.		£	*s.*	*d.*
7180	**Portable Aseptic Table** (Buchanan's), constructed of white enamelled iron, and fitted with rubber-tyred wheels and standards with straps for the lithotomy position. With this table the Trendelenburg and other positions can easily be obtained. When not in use the table can be folded up into a small space, and can be readily conveyed in a brougham from place to place	6	10	0
7180*a*	Do. do. do. as No. 7180, but with castors on two feet only	5	5	0



7181

7181 **Portable Wood Table,** Buck's (exclusive of Chair) in waterproof canvas cover 5 17 6

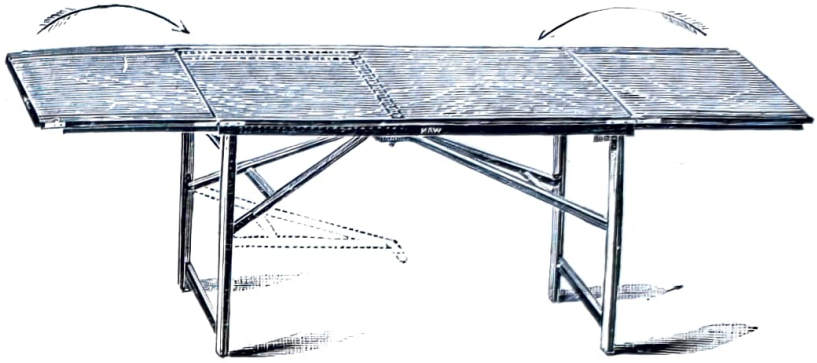
EXTRACT FROM "LANCET," MARCH 7, 1903.

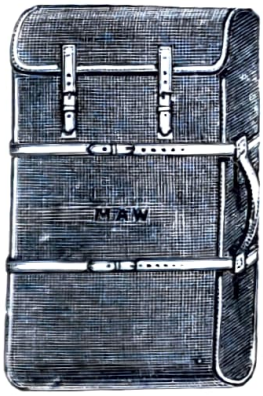
"The Portable Operating Table shown in the accompanying illustration is a modification of that suggested by Mr. Jordan Lloyd. Two legs are added under the head, which are united to the upper ends of the ordinary legs by strong hinges and to one another below by a cross piece. These can be fixed at the required angle to the ordinary legs by means of an adjustable support, one on each side. All that is necessary to place a patient in the Trendelenburg position is—first, to fix the extra legs at the necessary angle; secondly, to slide in the support for the foot flap and to drop it; and thirdly, to tilt the table backwards and place an ordinary wooden chair under the cross-piece connecting the legs at its foot.

"The table as described above has been strongly and neatly made for me by Messrs. S. MAW, SON & SONS, of Aldersgate Street, London, E.C.

"BRIGHTON. "ARTHUR H. BUCK, F.R.C.S. Edin.,
"Assistant Surgeon, Sussex County Hospital, etc."

Operation Tables —*continued.*





7182

No.		£ s. d.
7182	**Portable Wood Table,** Jordan Lloyd's, consisting of an oak frame with pine wood top, in waterproof canvas cover ... ... Dimensions when open, 5 ft. 10 in. by 1 ft. 8 in.; when closed, 35 in. by 20 in. by 6 in. Weight, about 36 lbs.	4 16 0
	Lithotomy Crutches can be added to this table without interfering with its portability, at an additional cost of	1 1 0





7183

7183	**Portable Wood Table,** Jessett's, in waterproof canvas cover ... ... Dimensions when open, 5 ft. 9 in. by 1 ft. 8 in.; when closed, 35 in. by 20 in. by 3¼ in. Weight, about 30 lbs.	7 5 0

EXTRACT FROM "BRITISH MEDICAL JOURNAL," SEPTEMBER, 1890.

"The operation table here figured has been devised by me to meet what I think is universally considered to be a great want in the profession—a want equally felt by the surgeon, gynæcologist, and general practitioner. The surgeon and gynæcologist, going from place to place, are often put to great straits for the want of a suitable table to operate on; and for small operations performed in the consulting rooms a table that can be put up in a minute, and when not required can be packed away in a small space, must be a great desideratum.

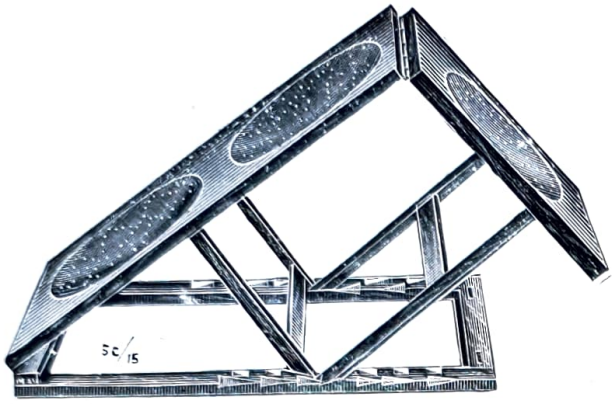
"The general practitioner, who so frequently has cases of accident brought to his surgery, necessitating careful examinations, the performance of some minor operation, or the putting up of a fracture, etc., has at present to do so at great personal inconvenience for the want of a suitable table on which to place the patient. For surgical homes and hospitals, where the operation table has to be taken from room to room, such a table will avoid an infinity of labour.

"When not in use the table is packed in a strong canvas bag, and weighs a little over 30 lbs.; its dimensions thus being 35 in. by 20 in., and 3¼ in. in thickness, so that it can be readily carried, and easily put into any carriage or cab.

"The advantages claimed for the table are lightness, stability, simplicity, compactness, and perfect adaptability to meet all requirements of the surgeon, gynæcologist, and general practitioner; coupled with these advantages, its cost is small, being about half of that charged for any other operation table or gynæcological chair I know of.

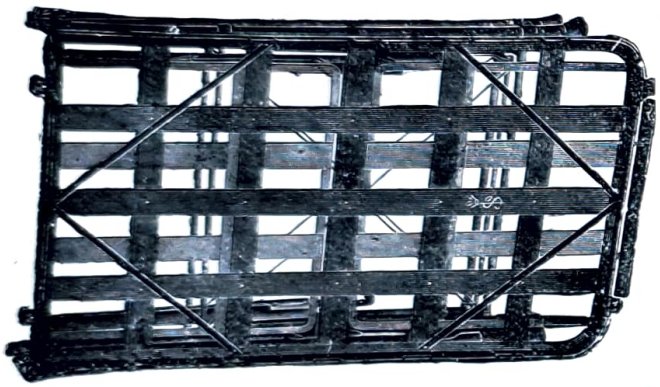
"16, UPPER WIMPOLE STREET. "FRED. BOWREMAN JESSETT, F.R.C.S."

Operation Tables—*continued.*

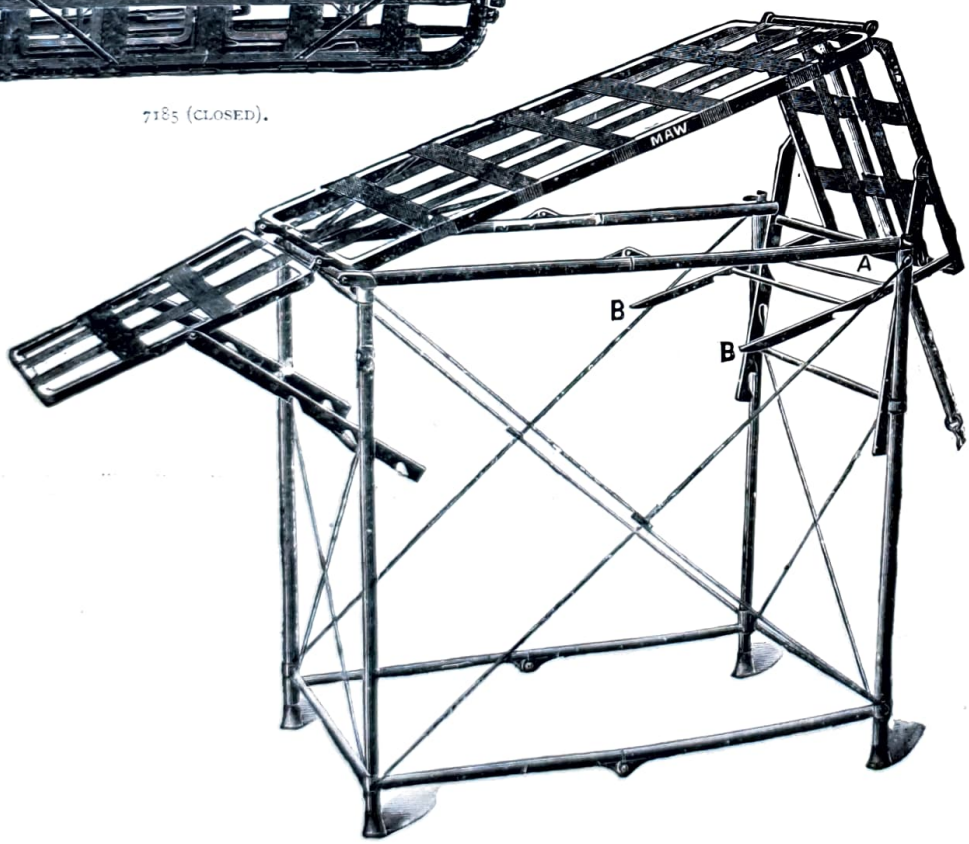


7184

No.		£ s. d.
7184	**Adjustable Table Top**, for obtaining the Trendelenburg position, for use on an ordinary kitchen or other firm table, complete with 2 clamps	2 2 0



7185 (CLOSED).

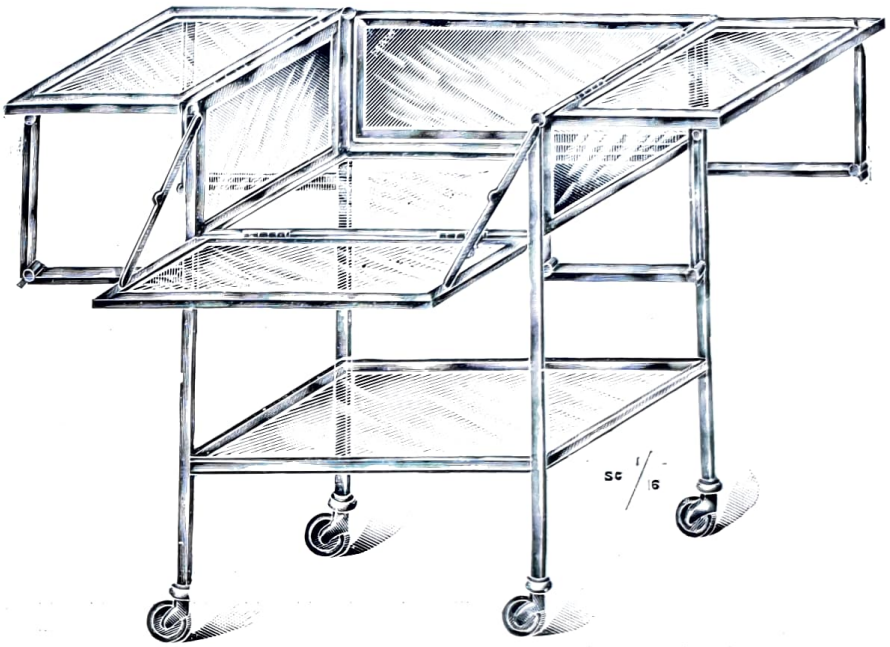


7185 (READY FOR USE).

7185	**Portable Operation Table**, constructed of white enamelled bicycle tubing, the lightest aseptic table on the market; the method of folding and unfolding is exceedingly simple, and can be accomplished in less than half a minute	21 10 0

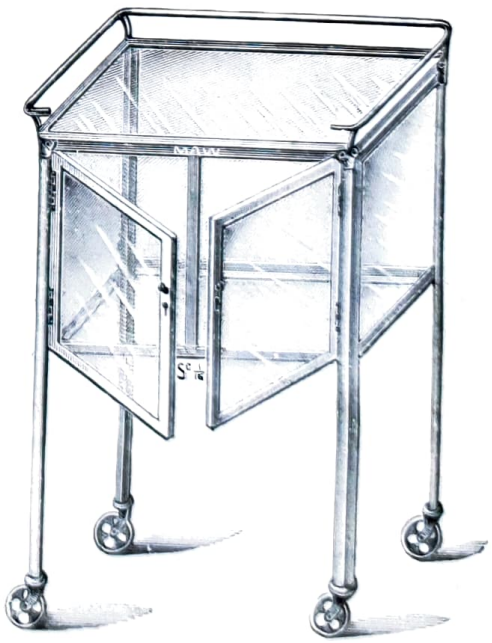
Dimensions when open, 5 ft. 7 in. by 1 ft. 7 in.; when closed, 35 in. by 20 in. by 6 in
Weight about 28 lbs.

ASEPTIC HOSPITAL FURNITURE, Etc.



7186

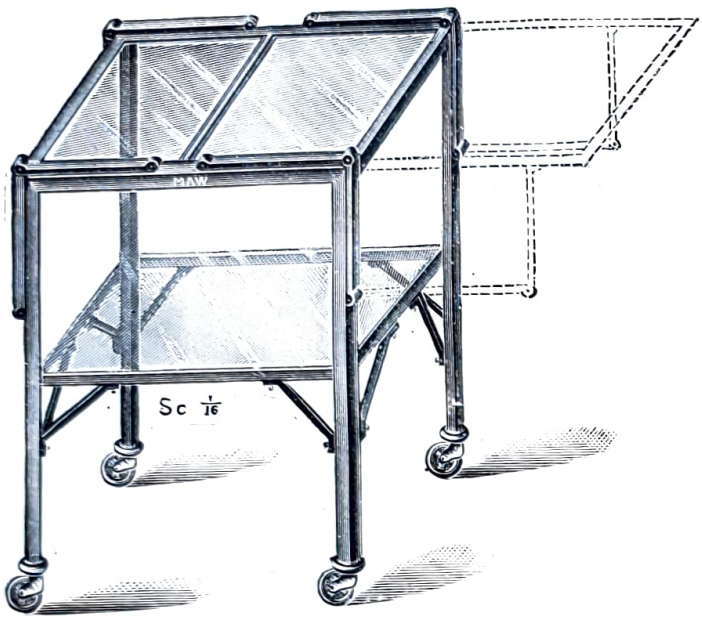
No.	**Aseptic Tables—**	£ s. d.
7186	Anæsthetist's Table, white enamelled iron and plate glass, fitted with ball-bearing india-rubber tyred wheels. The top of the box is composed of two flaps which open out to form shelves, and the front drops down so that the anæsthetist can more easily reach anything he requires from the interior	8 8 0
	Dimensions of box, 24 in. by 16 in. Height of table, 34 in.	



7187

7187	Anæsthetist's Table, white enamelled iron and plate glass, 26 in. by 16 in., with rail round three sides and cupboard beneath, mounted on 3 in. rubber-tyred castors	7 10 0
	Height, 40 in.	

Aseptic Hospital Furniture, etc.—*continued.*



7188

No.	**Aseptic Tables**—*continued.*	£ s. d.
7188	Dressing Table, with extending top and shelf beneath, mounted on 3 in. rubber-tyred wheels, white enamelled iron and plate glass	8 8 0
7189	Do. do. do. do. solid brass and plate glass ...	26 0 0

Dimensions, 26 in. by 16 in. by 34 in. ; space between top and shelf, 16 in.

Either of the above tables can be fitted with MAW's improved ball-bearing castors, at an additional cost of 16/-.



7190–91



7192–93

7190	Dressing Table, with box beneath, and rail round top, mounted on 3 in. rubber-tyred wheels, white enamelled iron and plate glass	7 10 0
7191	Do. do. do. do. solid brass and plate glass ...	18 10 0

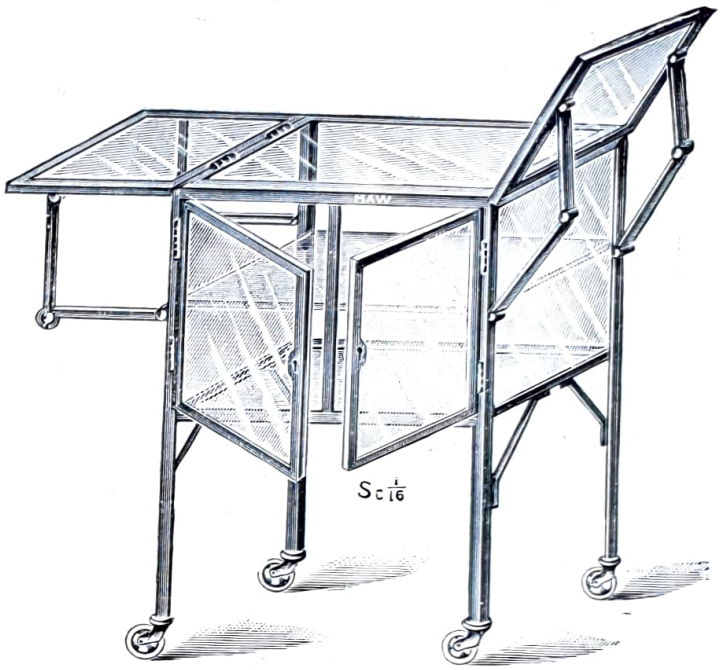
Dimensions, 24 in. by 18 in. by 34 in. ; depth of box, 8 in.

7192	Dressing Table, with divided cupboard beneath and nickel plated rail round top, mounted on 3 in. rubber-tyred wheels, white enamelled iron and plate glass	8 8 0
7193	Do. do. do. do. solid brass and plate glass ...	21 10 0

Dimensions, 24 in. by 16 in. by 34. in. ; depth of cupboard, 8 in.

Any of the above tables can be fitted with MAW's improved ball-bearing wheels at an additional cost of 16/-

Aseptic Hospital Furniture, etc.—*continued.*



7195

No.	**Aseptic Tables**—*continued.*	£	*s.*	*d.*
7194	Dressing Table, with extending top and cupboard beneath, mounted on 3 in. rubber-tyred wheels, white enamelled iron and plate glass	9	9	0
7195	Do. do. do. solid brass and plate glass	27	15	0
	Dimensions, 24 in. by 16 in.; height, 34 in. Depth of cupboard, 18 in. divided by shelf into two equal spaces.			



7197

7196	Instrument Table, curved, mounted on 3 in. double ball-bearing rubber-tyred wheels, solid brass and plate glass	17	10	0
7197	Do. do. do. white enamelled iron and plate glass ...	10	15	0

Either of the above can be supplied with single 3 in. wheels at 32/- each less.

Dimensions, 56 in. by 15 in. by 34 in.; space between top and shelf 20 in.

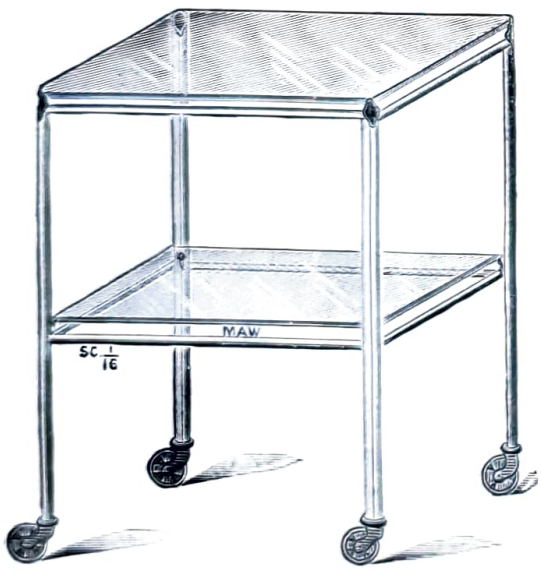
A curved instrument table is often of great convenience to the operator, in that it can be drawn round him after he has taken his stand on the right side of the patient, and thus prevent spectators from crowding over his shoulders.

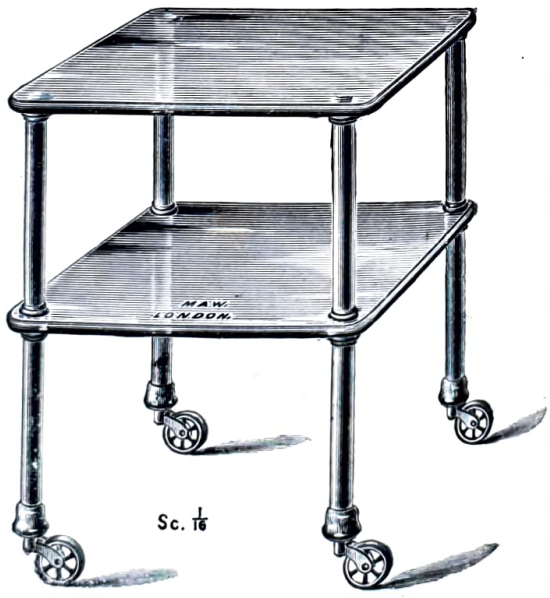
Aseptic Hospital Furniture, etc.—*continued.*



7198–7203

No.	**Aseptic Tables**—*continued.*	£	*s.*	*d.*
	Instrument Table, with ⅝ in. plate glass top and shelf, tubular legs, 3 in. rubber-tyred wheels, and with top and shelf overlapping their supporting frames—			
7198	Polished brass, 36 in. by 20 in.	10	10	0
7199	,, ,, 30 in. by 18 in.	8	0	0
7200	,, ,, 24 in. by 16 in.	7	0	0
7201	White enamelled iron, 36 in. by 20 in.	4	15	0
7202	,, ,, ,, 30 in. by 18 in.	3	12	6
7203	,, ,, ,, 24 in. by 16 in.	3	5	0





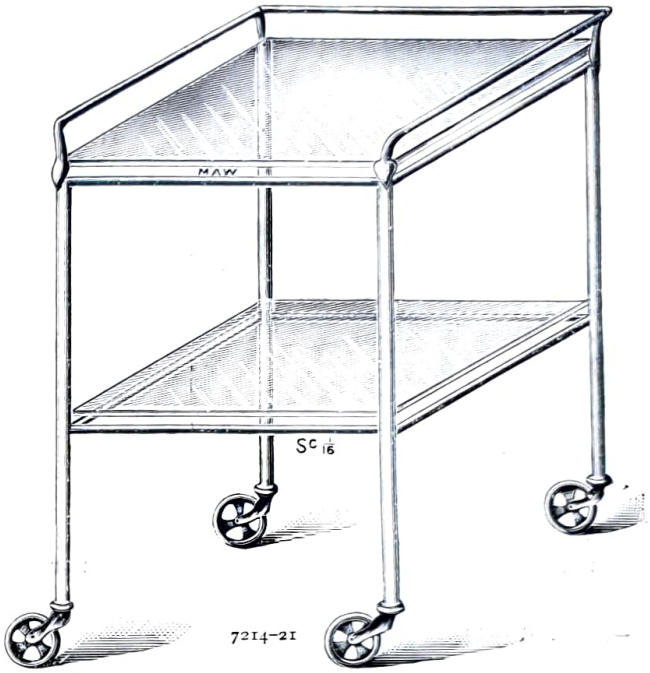
7204–11 7212–13

Instrument Table, with ¾ in. plate glass top and shelf with polished edges, resting on india-rubber buffers; mounted on 3 in. rubber-tyred wheels, height 34 in.—

7204	Polished brass, 30 in. by 18 in.	5	15	0
7205	,, ,, 24 in. by 18 in.	5	5	0
7206	,, ,, 20 in. by 16 in.	4	10	0
7207	,, ,, 18 in. by 14 in.	3	15	0
7208	White enamelled iron, with nickel plated corners, 30 in. by 18 in.	3	15	0
7209	,, ,, ,, ,, ,, ,, ,, 24 in. by 18 in.	3	3	0
7210	,, ,, ,, ,, ,, ,, ,, 20 in. by 16 in.	2	15	0
7211	,, ,, ,, ,, ,, ,, ,, 18 in. by 14 in.	2	7	6
7212	Instrument Table, as made for St. George's Hospital, mounted on 3 in. rubber tyred wheels, 26 in. by 24 in. by 36 in.	10	15	0
7213	Do. do. do. 30 in. by 24 in. by 36 in.	11	15	0

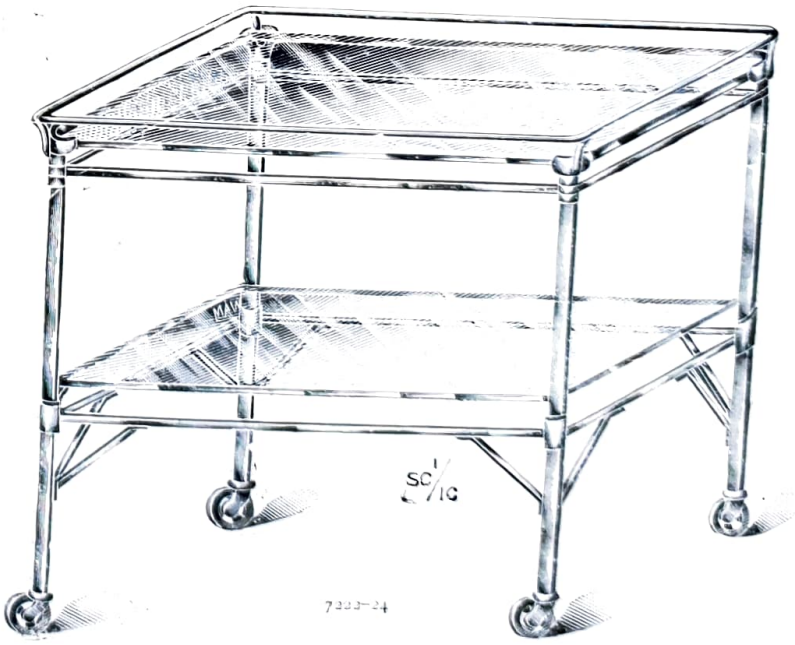
This table consists merely of 4 tubular brass legs and 2 plate glass shelves ⅝ in. thick, without any framework or supporting bars. The brass legs pierce the corners of the under shelf, and are fixed firmly into four sockets drilled on the under surface at the top.

Aseptic Hospital Furniture, etc.—*continued.*



7214–21

No.	**Aseptic Tables**—*continued.*	£ s. d.
	Instrument Table, with ¼ in. plate glass top and shelf, with polished edges; mounted on 3 in. rubber-tyred castors—	
7214	Solid brass frame and brass rails, 30 in. by 18 in.	6 15 0
7215	Do. do. do. 24 in. by 18 in.	6 6 0
7216	Do. do. do. 20 in. by 16 in.	5 5 0
7217	Do. do. do. 18 in. by 14 in.	4 10 0
7218	Enamelled iron frame, with nickel plated rail, 30 in. by 18 in.	4 15 0
7219	Do. do. do. do. 24 in. by 18 in.	4 0 0
7220	Do. do. do. do. 20 in. by 16 in.	3 12 6
7221	Do. do. do. do. 18 in. by 14 in.	3 3 0



7222–24

Instrument Table, white enamelled iron, with ¼ in. plate glass top and shelf, with polished edges, and nickel plated rail and stays, mounted on 3 in. rubber-tyred wheels—

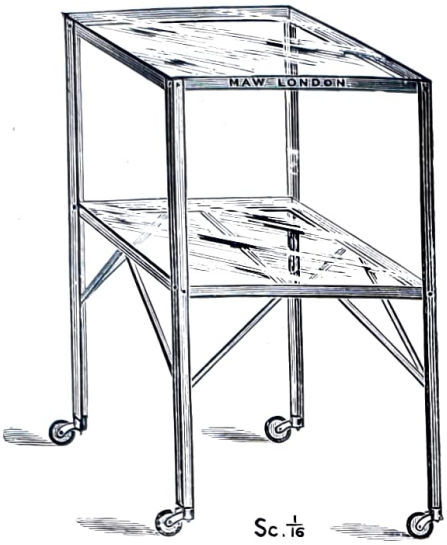
7222	30 in. by 18 in. by 34 in.	5 17 6
7223	30 in. by 18 in. by 34 in.	5 0 0
7224	24 in. by 18 in. by 34 in.	4 10 0

Any of the above tables can be fitted with MAW's improved ball-bearing wheels at an additional cost of 16/-.

Aseptic Hospital Furniture, etc.—*continued.*



7225–26



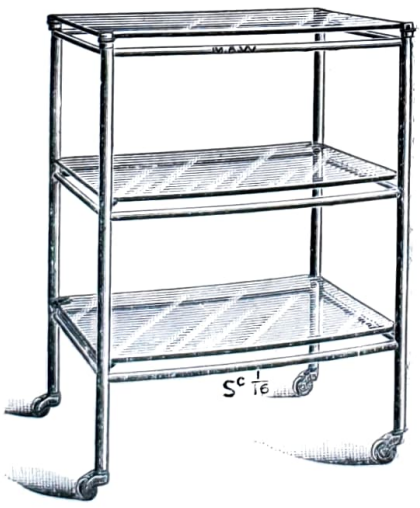
7227

Aseptic Tables—*continued.*

No.		£ s. d.
7225	Instrument Table, white enamelled iron, with nickel plated corners, ¾ in. plate glass top and shelf with polished edges, and 1½ in. rubber-tyred castors, cheap quality, 15 in. by 12 in.	1 14 0
7226	Do. do. as No. 7225, but with rail round three sides of top, 18 in. by 18 in. by 32 in. ...	2 17 6
7227	Instrument Table, white enamelled iron, with ¾ in. plate glass top and shelf with ground edges, and 2 in. rubber-tyred castors	2 10 0
	Dimensions 18 in. by 14 in. by 34 in.; space between top and shelf 17 in.	



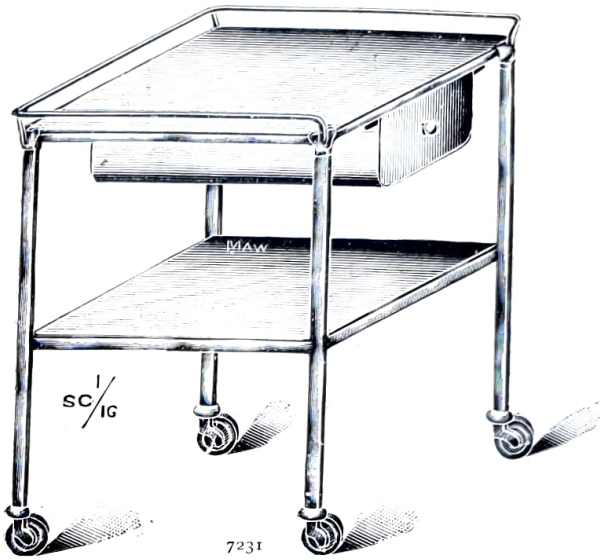
7228



7229–30

7228	Instrument Table, white enamelled iron, with towel rail, ¾ in. plate glass top and shelf with ground edges, and 2 in. rubber-tyred castors	2 17 6
	Dimensions, 26 in. by 16 in. by 34 in.; space between top and shelf 17 in.	
7229	Instrument Table, white enamelled iron, with ¾ in. plate glass top and 2 shelves, all with polished edges and resting on india-rubber buffers; 2 in. rubber-tyred castors	3 3 0
7230	Do. do. as No. 7229, but with solid brass frame	6 15 0
	Dimensions, 25 in. by 18 in. by 34 in.	

Aseptic Hospital Furniture, etc.—*continued.*



7231



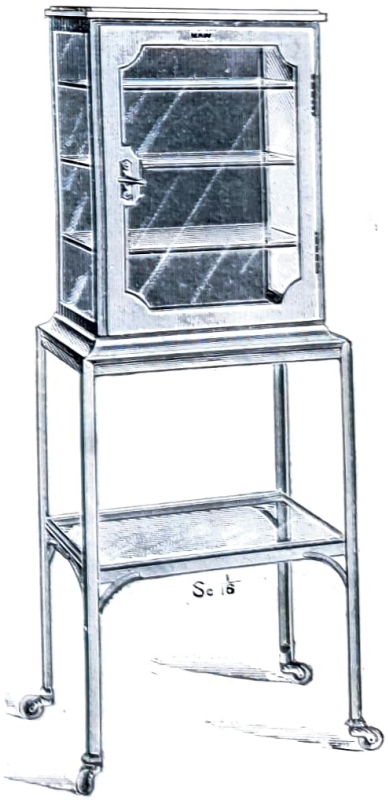
7232–33

No. **Aseptic Tables**—*continued.*

No.		£	*s.*	*d.*
7231	Instrument Table, with polished zinc top and shelf, tubular legs enamelled white, and white enamelled drawer, mounted on 3 in. solid brass castors ... ... Dimensions, 24 in. by 24 in. by 32 in. high; drawer, 13 in. by 6½ in. by 7¾ in.	5	10	0
7232	Instrument Table, white enamelled iron, with ⅜ in. plate glass top and shelf with polished edges, and 1½ in. rubber-tyred castors	2	12	6
7233	Do. do. as No. 7232, but with polished brass frame ... ... Dimensions, 24 in. by 18 in. by 34 in.; space between top and shelf, 18 in.	5	7	6



7234–35

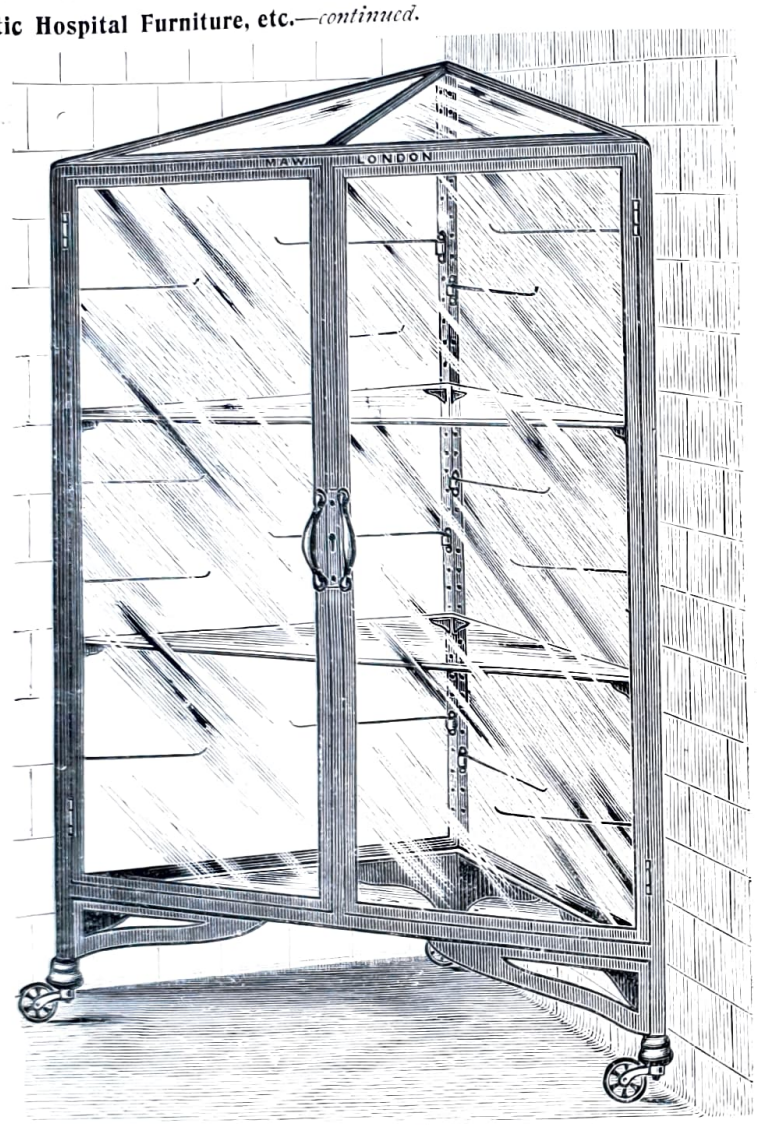


7236

Cabinets—

7234	Instrument Cabinet, white enamelled iron with nickel plated fittings, ¼ in. plate glass door, sides, top and back, and ⅜ in. plate glass shelves with polished edges; mounted on 3 in. rubber-tyred wheels; height, 55 in.; width, 24 in.; depth, 16 in.	18	18	0
7235	Do. do. as No. 7234, but with solid brass frame and brass fittings ...	43	10	0
7236	Instrument Cabinet, with white enamelled frame, plate glass door, sides and shelves, standing on a white enamelled iron table with plate glass shelf ... ... Dimensions, 25 in. by 15 in. by 11 in.; height of table 31 in.	5	0	0

Aseptic Hospital Furniture, etc.—*continued.*



7237-38

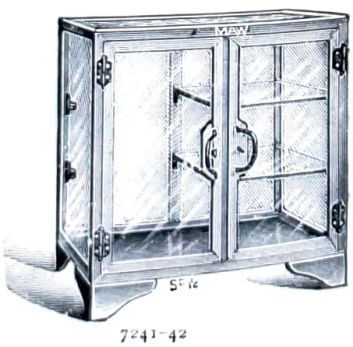
No.		£	*s.*	*d.*
	Cabinets—*continued.*			
	Triangular Corner Cabinet for Instruments, with ¾ in. plate glass doors, top, sides and shelves, and silvered glass bottom, mounted on 3½ in. rubber-tyred wheels—			
7237	Solid brass frame	62	0	0
7238	White enamelled iron frame...	26	0	0

Dimensions—Height in front, 5 ft. 6 in. ; width, 3 ft. 8 in. ; depth, 1 ft. 6 in.



16" Sc.

7239

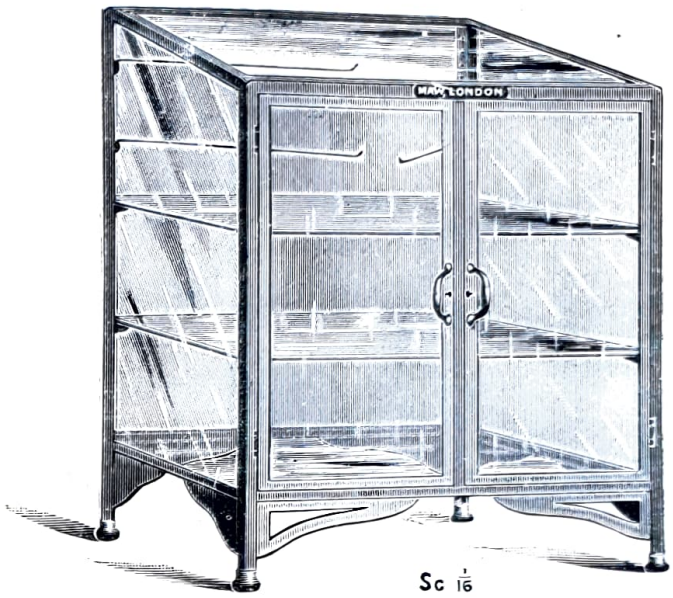


Sc. 12

7241-42

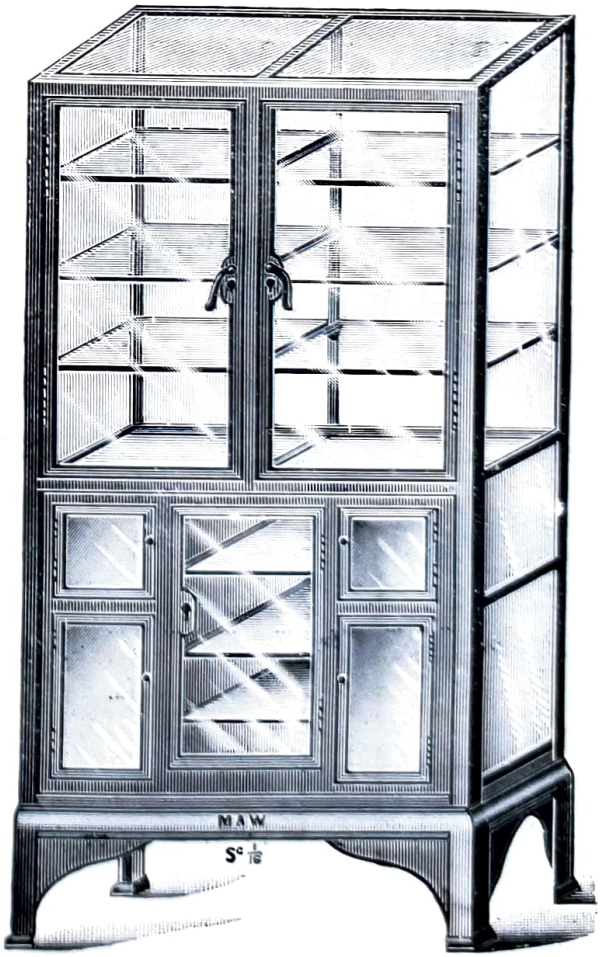
7239	Instrument Cabinet, with white enamelled frame, ⅛ in. plate glass door, sides, and shelves, and nickel plated hinges and handles, two sizes, 24 in. by 18 in. by 11½ in., 45/- ; 18 in. by 14 in. by 8 in.	1	13	0
7240	Instrument Cabinet, as No. 7239, but with plate glass top and back, and fitted with two shelves and lock and key, 24 in. by 18 in. by 12 in.	3	3	0
	Eye Instrument Cabinet, with ¼ in. plate glass all round, silvered glass bottom, and lock and key ; height, 25 in. ; width, 20 in. ; depth, 12 in.—			
7241	Solid brass frame	19	10	0
7242	White enamelled iron frame...	8	5	0

Aseptic Hospital Furniture, etc.—*continued.*



7244

No.	**Cabinets,** *continued.*—	£	s.	d.
	Instrument Cabinet, with ¼ in. plate glass doors, sides, top and back, and silvered glass bottom, fitted with double-action bar locks, fastening at top and bottom—			
7243	White enamelled iron frame	19	10	0
7244	Solid brass frame	31	0	0
	Dimensions—Height, 2 ft. 6 in.; width, 2 ft. 6 in.; depth, 1 ft. 2 in.			



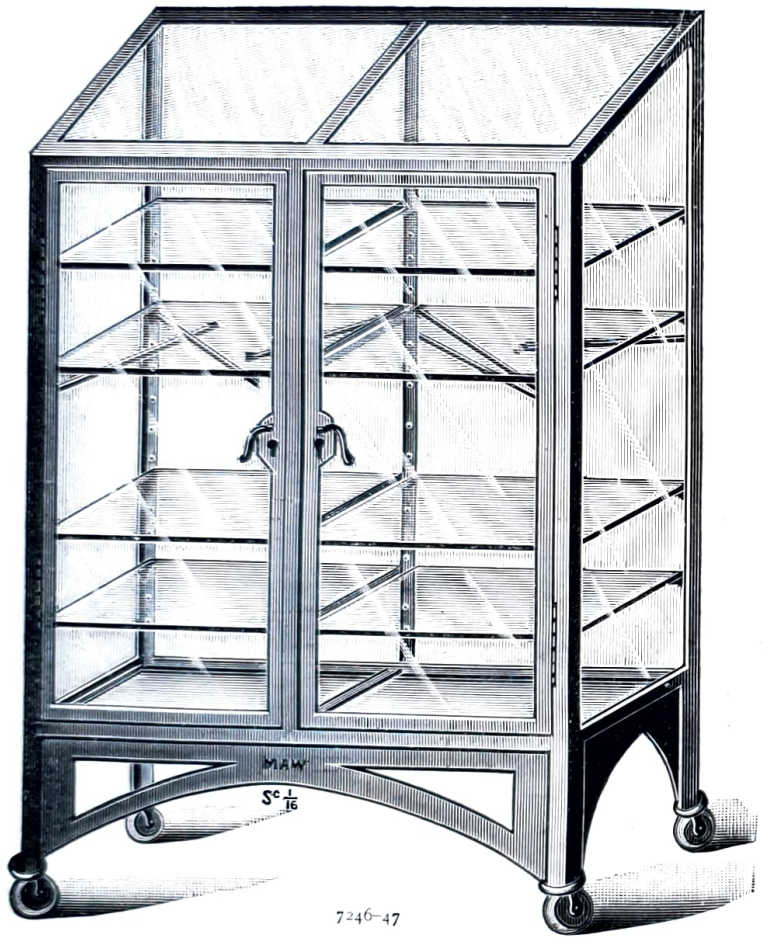
7245

Aseptic Hospital Furniture, etc.—*continued.*

No. **Cabinets**—*continued.* £ s. d.

7245 Instrument and Dressing Cabinet combined, made of white enamelled iron and plate glass. The top compartment is air-tight and is fitted with bar locks, ⅜ in. plate glass shelves and silvered glass bottom: the lower part consists of 5 separate air-tight cupboards with glass doors, the middle one being fitted with lock and key 40 0 0

Dimensions, 5 ft. 6 in. by 3 ft. 6 in. by 18 in.



7246–47

Instrument Cabinet, with ¼ in. plate glass all round, ⅜ in. plate glass shelves with polished edges, and ¼ in. plate glass division in centre, fitted with bar lock fastenings—

7246 Solid brass frame 66 0 0

7247 Enamelled iron frame, with nickel plated fittings 29 0 0

Dimensions—Height in front, 70 in.; width, 42 in.; depth, 18 in.

7248 Instrument Cabinet, with flat top, white enamelled iron, with ¼ in. plate glass doors and sides, ⅜ in. plate glass shelves with polished edges, enamelled top and back, and plain feet without castors 25 10 0

Dimensions—Height, 70 in.; width, 40 in.; depth, 18 in.

7249 Instrument Cabinet as No. 7248, but fitted with ball-bearing castors... ... ... 27 15 0

7250 Instrument Cabinet, with flat top, white enamelled iron frame, ¼ in. plate glass door, sides, back and top, ⅜ in. plate glass shelves with polished edges, and plate glass partition in centre, bar lock fastenings, and nickel plated fittings—

(A) With castors 26 10 0

(B) Without castors 24 0 0

Dimensions—Height, 60 in.; width, 40 in.; depth, 16 in.

7251 Instrument Cabinet, with flat top, single door, white enamelled iron frame, ¼ in. plate glass door, sides and top; 5 plate glass shelves with polished edges and nickel plated fittings 14 0 0

Dimensions—Height, 50 in.; width, 24 in.; depth, 16 in.

If supplied with nickel plated castors, 25 – extra.

Aseptic Hospital Furniture, etc.—*continued.*

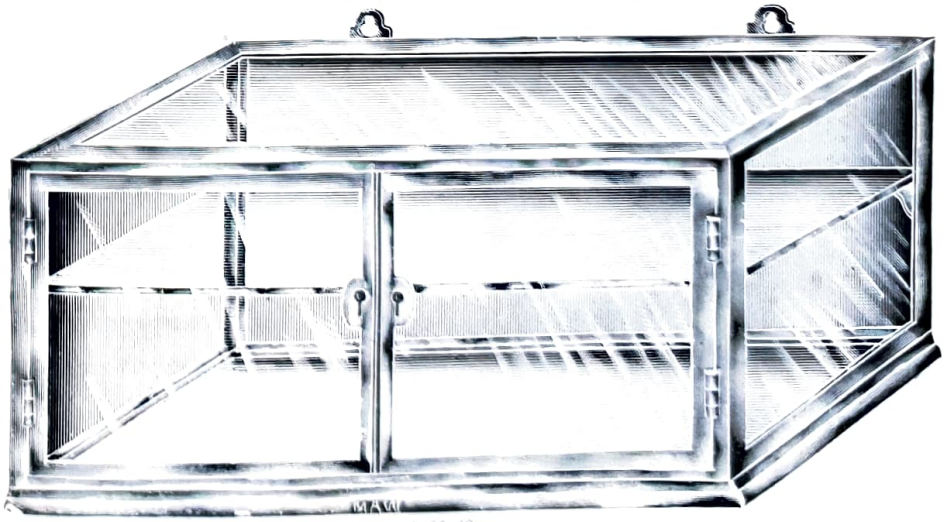


7252-54

Cabinets—*continued.*

No.		£	*s.*	*d.*
	Instrument Cabinet, white enamelled iron with flat top, ¼ in. bevelled plate glass doors and sides, $\frac{3}{16}$ in. plate glass shelves with polished edges, bar lock fastening, and nickel plated fittings—			
7252	Height, 68 in.; width, 38 in.; depth, 18 in.	27	0	0
7253	Height, 60 in.; width, 36 in.; depth, 16 in.	24	10	0
7254	Height, 50 in.; width, 30 in.; depth, 14 in.	22	0	0

Sc 1/16



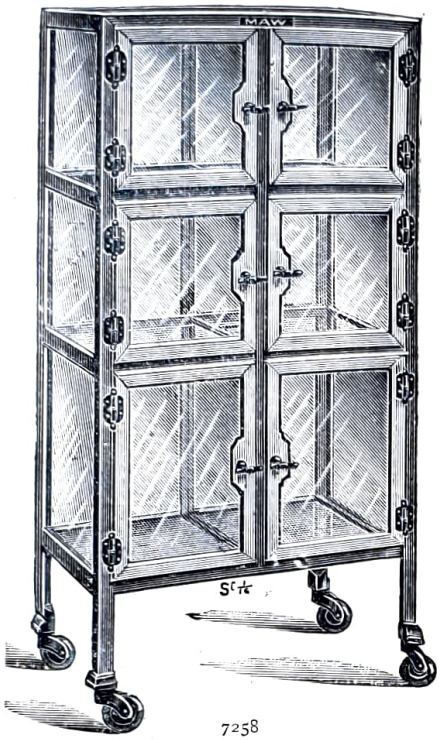
7255-56

7255	Instrument Cabinet to hang on wall, 36 in. by 18 in. by 14 in. ... 2 qualities,	£5	7	6 and	9	10 0
7256	Do. do. do. 30 in. by 10 in. by 12 in. ... 2 do.	£4	15	0 and	8	8 0

Aseptic Hospital Furniture, etc.—*continued.*



7257

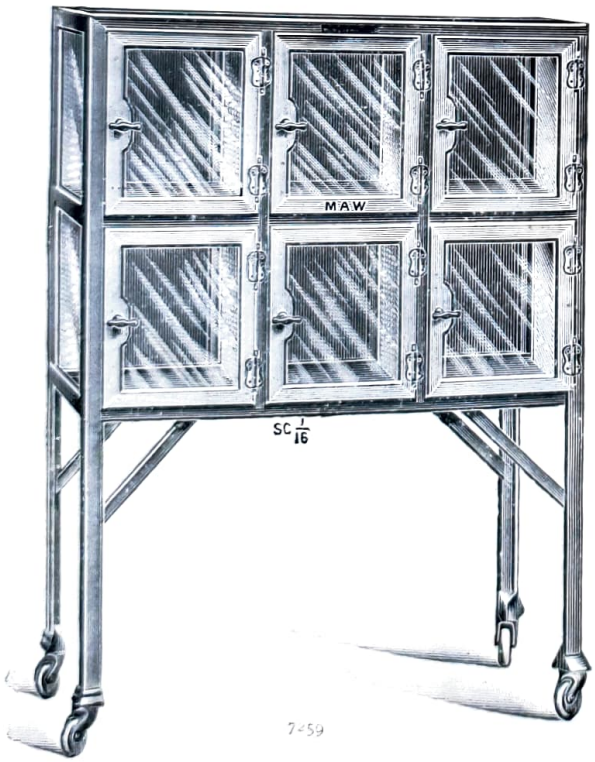


7258

No. **Cabinets**, *continued*— *£ s. d.*

7257 Dressing Cabinet, solid brass frame, with $\frac{1}{4}$ in. plate glass doors, top, sides, back and shelf, and $2\frac{1}{2}$ in. double ball-bearing rubber-tyred castors 36 5 0
Dimensions—Height, 35 in.; width, 24 in.; depth, 18 in. Height of lower division, 21 in.

7258 Dressing Cabinet, white enamelled iron frame, with $\frac{3}{16}$-in. plate glass doors, top, sides, back and partitions, nickel plated handles and hinges, and $2\frac{3}{4}$ in. solid brass wheels 17 17 0
Dimensions—Height, 50 in.; width, 24 in.; depth, 12 in.



7259

7259 Dressing Cabinet, white enamelled iron, with $\frac{1}{16}$ in. plate glass doors, top, sides and back, nickel plated hinges and handles, and $2\frac{1}{2}$ in. solid brass wheels 19 10 0
Dimensions—Height, 44 in.; width, 36 in.; depth, 11 in. Height of top portion 22 in.

Aseptic Hospital Furniture, etc.—*continued.*



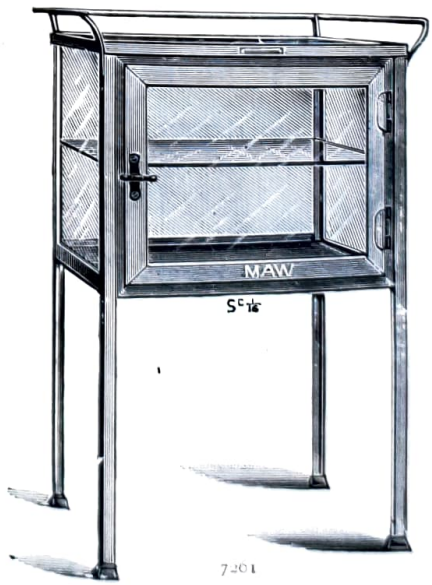
7260

No.

Cabinets—*continued.*

	£	s.	d.
7260 Dressing and Instrument Cabinet combined, white enamelled iron, with ¼ in. plate glass doors, top, sides, back and shelves, silvered glass bottom, nickel plated handles and hinges, and 3 in. rubber-tyred wheels	25	0	0

Dimensions—Height, 65 in.; width, 36 in.; depth, 15 in.



7261



7262

7261 Dressing or Medicine Cabinet, white enamelled iron, with ¼ in. plate glass door, ⅜ in. plate glass shelf, and angle iron frame	6	0	0

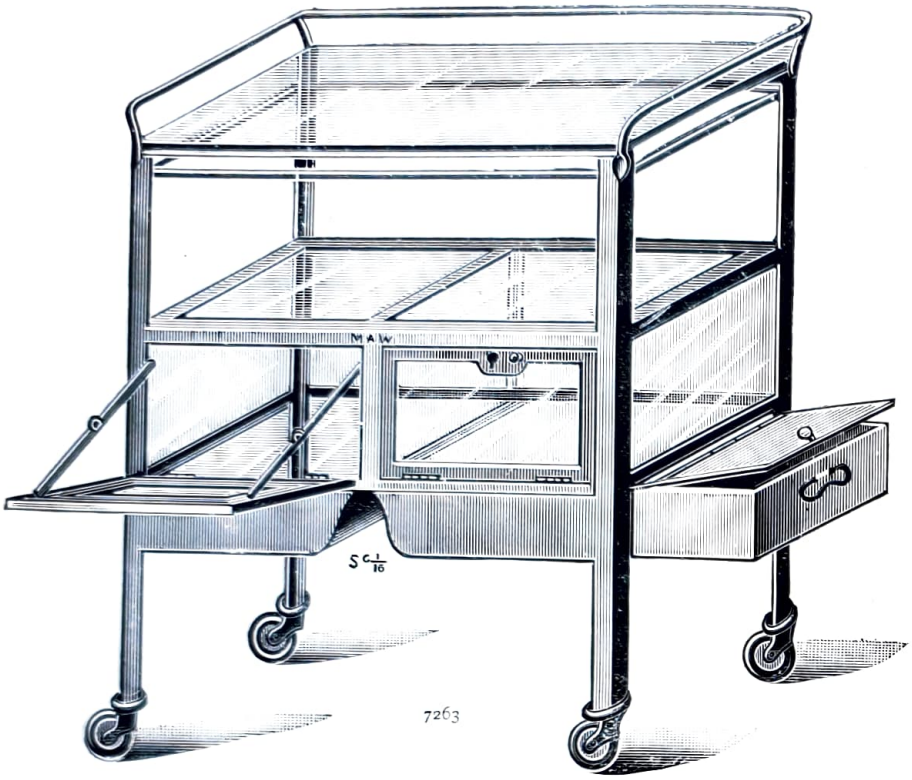
Dimensions of cupboard, 24 in. by 18 in. by 18 in. Total height, 40 in.

Dressing Wagons

7262 White enamelled iron, with plate glass shelves, and 3 drawers, mounted on 2½ in. rubber-tyred castors	7	7	0

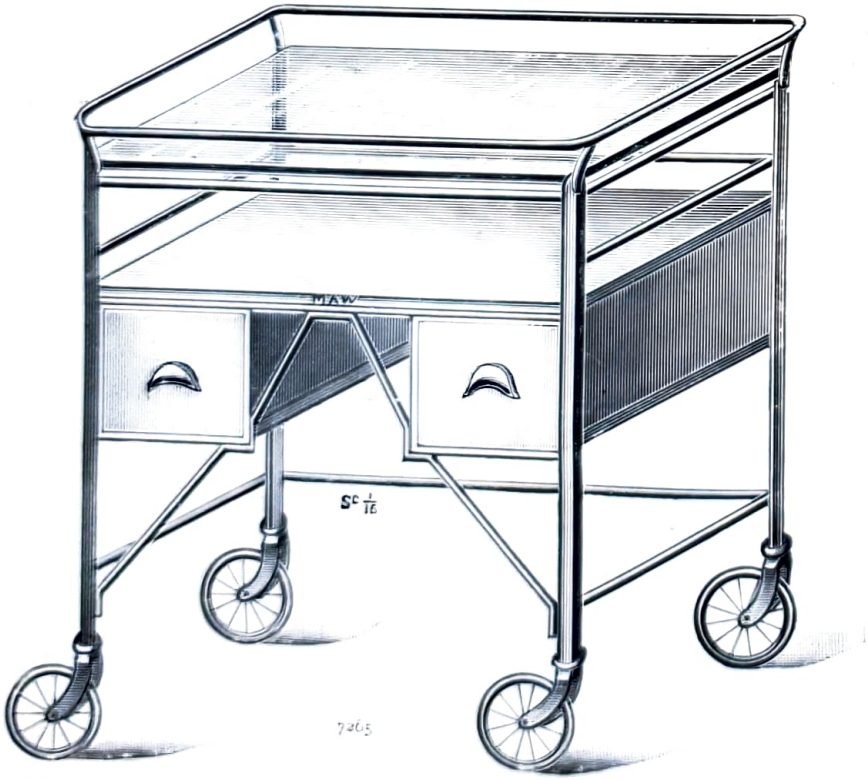
Dimensions—24 in. by 17½ in.; height, 36¼ in.; space between top and shelf, 15 in.

Aseptic Hospital Furniture, etc.—*continued.*



7263

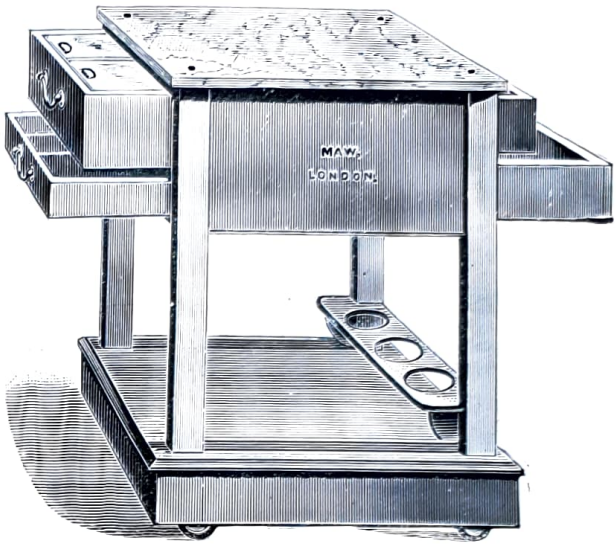
No.	**Dressing Wagons**—*continued.*	£	s.	d.
7263	White enamelled iron frame, with ½ in. plate glass top, with polished edges, divided dressing box with 2 doors, and 2 enamelled iron drawers with lids, mounted on 3 in. rubber-tyred castors, dimensions, 36 by 18 in.	10	17	6
7264	Do. do. as No. 7263, but with single box and 1 drawer, diameter, 14 in. by 18 in.	7	15	0



7265

7265	White enamelled iron frame, with ¼ in. plate glass top, with polished edges, enamelled iron shelf and 2 drawers, mounted on 3 in. rubber-tyred wheels	8	8	0
7266	Do. do. as No. 7265, but with partitioned drawers with lids ... ... Dimensions—36 in. by 18 in.; height, 40 in.	8	16	0

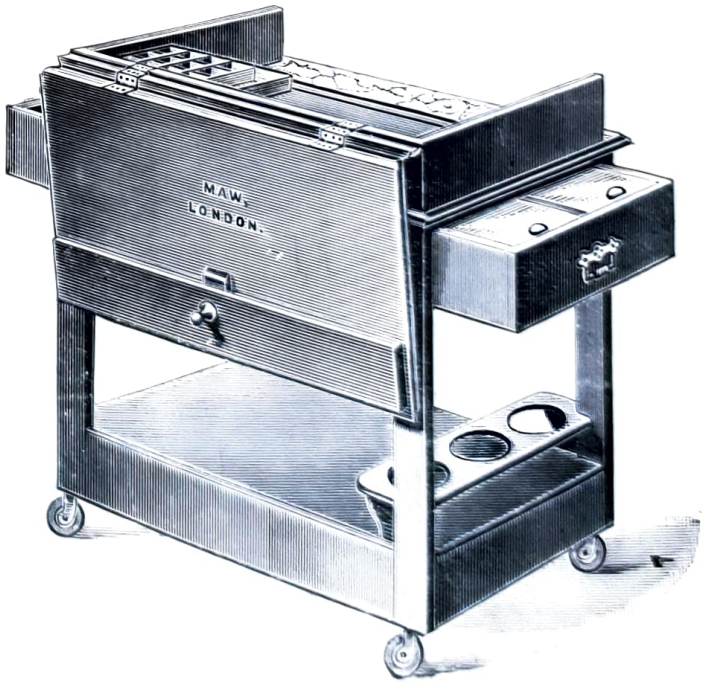
Aseptic Hospital Furniture, etc.—*continued.*



7267

No.	**Dressing Wagons**—*continued.*	£ s. d.
7267	Dressing Wagon, as used in the wards at the Hospital for Sick Children, Great Ormond Street, made in polished white wood, with marble slab and tin-lined drawer; mounted on 2½ in. rubber-tyred wheels...	6 6 0

Dimensions—Length, 31 in.; width, 26 in.; height, 33 in.



7268

7268	Dressing Wagon, as designed by Mr. T. H. KELLOCK, for the Diphtheria Wards at the Hospital for Sick Children, Great Ormond Street. Polished white wood with tin-lined drawer, marble top, and glass shelf, the latter being fitted with a partitioned tray for holding Tracheotomy Tubes, etc. A hinged lid covers over the top of the wagon when not in use ...	7 10 0

Aseptic Hospital Furniture, etc.—*continued.*



7269



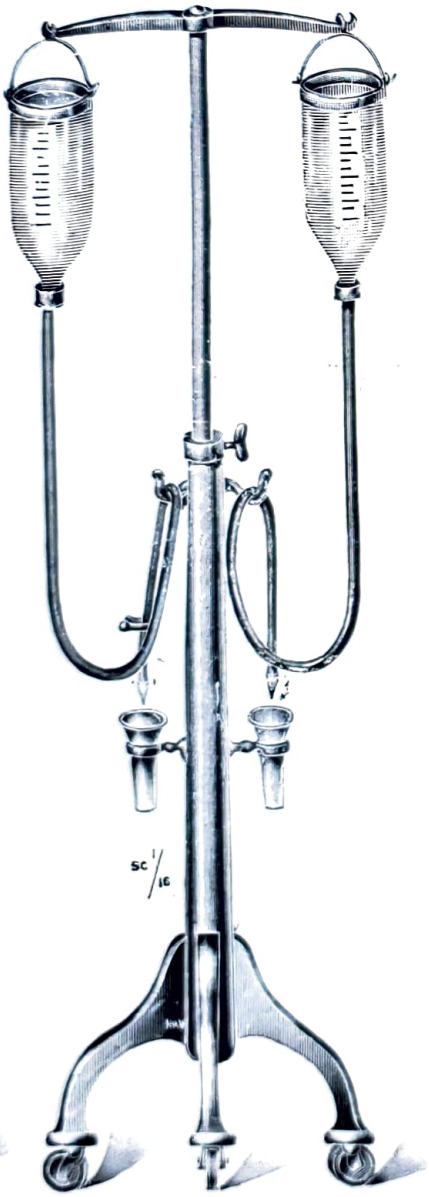
7271

No.	**Irrigators,** for Theatre use, glass—	£	s.	d.
7269	St. Bartholomew's Hospital pattern, 2 gallon capacity, with brass collar and handle	1	7	6
7270	Set of nickel plated pulleys, hooks and fittings, for use with above ... ... per set	0	16	6
7271	Conical pattern, 1 gallon capacity, with collar, lid and handle	1	5	6

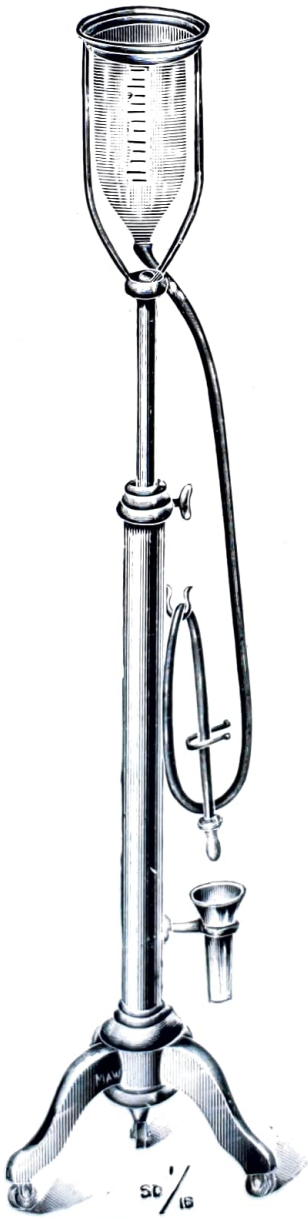
India Rubber Tubing for the above, extra per yard, 2 3



7272



7273

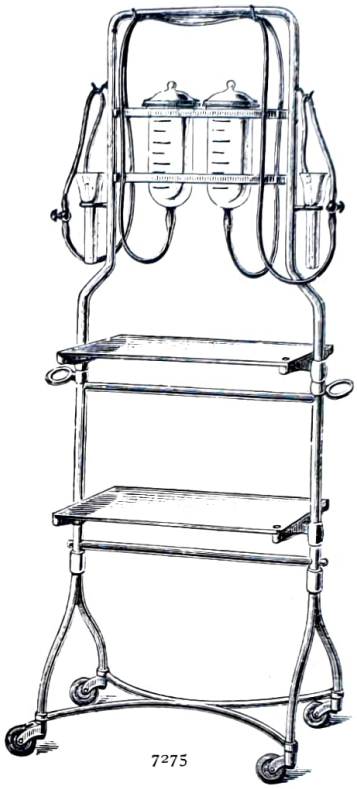


7274

Irrigator Stands—

		£	s.	d.
7272	Enamelled Iron Adjustable Stand on rounded base, with 1½ gallon glass reservoir with outside loose fitting cover, 6 ft. of best india-rubber tubing, glass drip catcher, glass wound pipe and pinch-cock; 2 qualities	7	10	0
7273	Enamelled Iron Adjustable Stand on tripod base, with 2 gallon glass reservoirs, each fitted with 6 ft. of best india-rubber tubing, glass drip catcher, glass wound pipe and pinch-cock ... £3 7 6 and	9	9	0
7274	Enamelled Iron Stand, as No. 7273, but with one reservoir only...	6	15	0

Aseptic Hospital Furniture, etc.—*continued.*



7275



7276

No.	**Irrigator Stands,**—*continued.*	£	s.	d.
7275	Stand and Table combined, white enamelled iron with ¼-in. plate glass shelves, nickel plated fittings, two glass reservoirs, each with 5 ft. of india-rubber tubing, and vulcanite stop-cock, glass drip catchers and glass wound pipes... ... ... Dimensions of shelves, 17½ in. by 23 in. Total height, 72 in.	11	5	0
7276	**Ligature Table,** white enamelled iron frame, with glass tray, 14 in. by 11 in., 2 white enamelled bowls 8 in. diameter, and glass jar 2 in. diameter	2	2	0

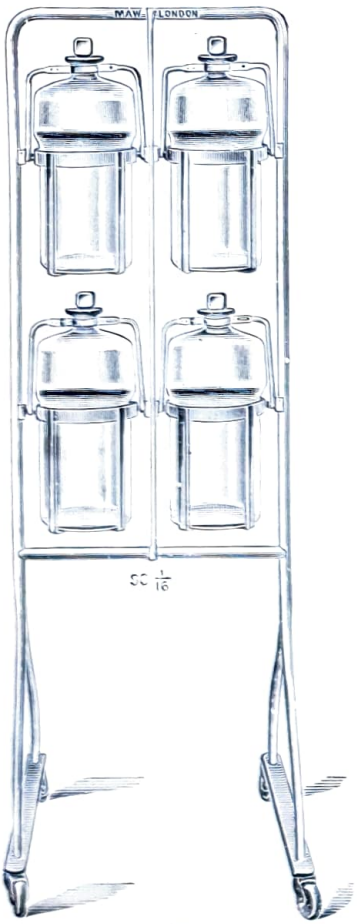


7277

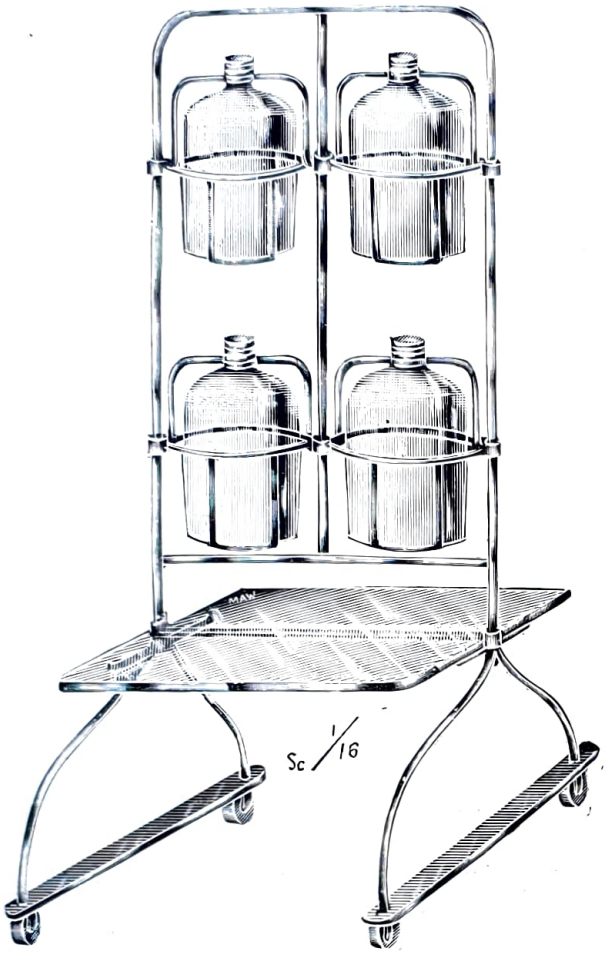
7277	**Lotion Jars,** glass, with outside fitting lids, lettered in red, and fitted with india-rubber bung, glass connecting tube, 3 ft. of india-rubber tubing, and pinch-cock, 2 sizes ... 2 gal., 23/–; 4 gal.	1	7	0

The jar at the right-hand side of the engraving shows the method of fitting. It will be observed that the opening of the bent glass tubing which pierces the bung is situated at some little distance from the bottom of the vessel. The reason of this is to prevent any sediment which might happen to collect at the bottom from being drawn off with the lotion. The object of turning the vessels with the bung to the wall is to prevent a nurse from tilting them in order to obtain lotion when they are nearly empty.

Aseptic Hospital Furniture, etc.—*continued.*



7278



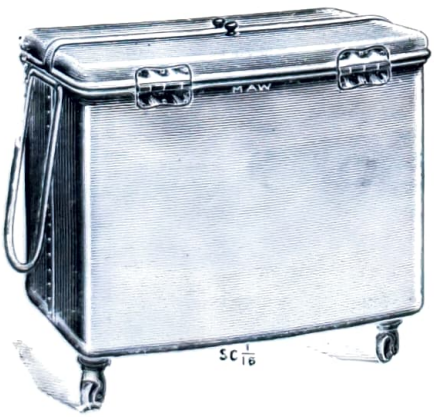
7279

No.	**Lotion Bottle Stands—**	*£ s. d.*
7278	White enamelled iron, fitted with 3½ in. rubber-tyred wheels and 2½ gallon glass bottles with 2 bottles, £7 15 0; with 4 bottles	10 12 6
7279	White enamelled iron, with ½ in. plate glass shelf, 3½ in. rubber-tyred wheels and 2½ gallon glass bottles ... ... with 2 bottles, £9 5 0; with 4 bottles	12 0 0

Name of lotion in red letters deeply engraved, 3 - extra per bottle.



7280



7281

Receptacles for Soiled Dressings, etc.—

7280	Basket, wicker, lined with tin, 2 sizes ... ... 10½ in., 7 - ; 11½ in.	0 8 0
7281	Box, white enamelled iron, with all inside angles and corners rounded, fitted with long handle at either end, and mounted on 2 in. castors	4 15 0

Dimensions—Length, 25 in.; width, 14 in.; height, 25 in.

This box was originally made at the suggestion of Mr. C. T. Dent of the Belgrave Hospital for Children.

Aseptic Hospital Furniture, etc.—*continued.*



7282



7283


7284

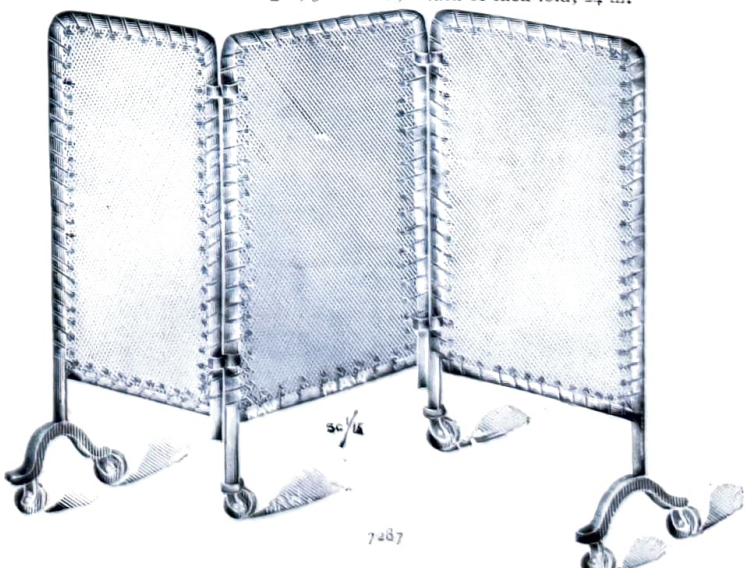
No.	**Receptacles for Soiled Dressings, etc.**—*continued.*	£	*s.*	*d.*
7282	Pail, white enamelled iron, with lid, 2 sizes ... ... 10 in., 3/-; 11 in.	0	3	9
7283	Do. do. do. do. 10½ in.	0	5	6
7284	Do. do. do. do. with handles at sides, and mounted on castors, 2 sizes, 14 in. by 16 in., 34/-; 16 in. by 20 in.	1	17	6


7285

Screens—

7285	Bamboo, 4-fold	1	0	0
7286	Linen Covers for do. ... ... per set	0	8	0

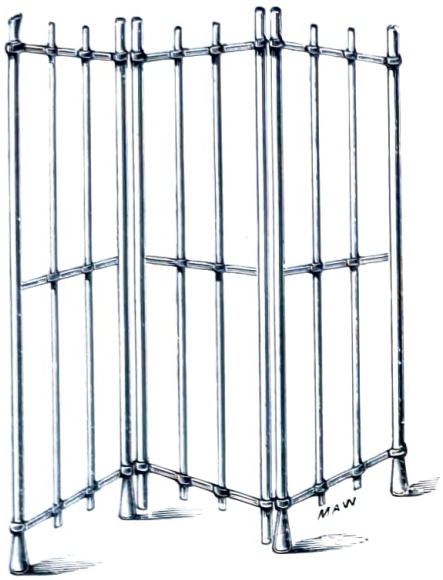
Dimensions—Height, 5 ft. 6 in.; width of each fold, 24 in.


7287

7287	White enamelled iron, 3-fold, with covers to lace, mounted on rubber-tyred castors	4	10	0
7288	Spare Covers for do. ... ... per set	1	8	6

Dimensions—Height, 5 ft. 6 in.; width of each fold, 24 in.

Aseptic Hospital Furniture, etc.—*continued.*



7289

No.	**Screens**—*continued.*	£	*s.*	*d.*
7289	Wood, 3-fold, with 4 uprights in each fold	1	10	0
7290	Linen Covers for do. ... ... per set	0	6	0
7291	Wood, 3-fold, with 6 uprights in each fold	1	17	6
7292	Linen Covers for do. ... ... per set	0	6	0

Dimensions—Height, 5 ft. 6 in.; width of each fold, 2 ft.



7303

Shelves and Brackets—

Plate Glass Shelves, with polished edges and rounded corners—

7293	To hold 1 Lotion Jar, No. 7277,	12 in. by 10 in. by	¼ in.	...	...	...	...	...	0	6	6
7294	To hold 2 do.	do.	26 in. by 10 in. by	¼ in.	...	...	...	...	...	0	10	6
7295	To hold 3 do.	do.	38 in. by 10 in. by	¼ in.	...	...	...	...	...	0	18	9
7296	To hold 4 do.	do.	50 in. by 10 in. by	¼ in.	...	...	...	...	...	1	4	0

Any size cut to order.

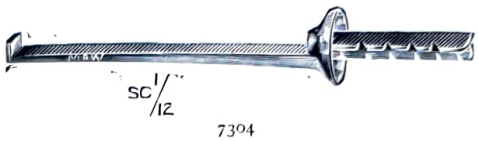
Enamelled Slate Shelves, for Sterilisers, etc.—

7297	14 in. by 10 in. by	⅝ in.	...	...	...	...	...	...	...	...	0	5	6
7298	16 in. by 10 in. by	⅝ in.	...	...	...	...	...	...	...	...	0	6	0
7299	18 in. by 11 in. by	⅝ in.	...	...	...	...	...	...	...	...	0	7	6
7300	20 in. by 12 in. by	1 in.	...	...	...	...	...	...	...	...	0	8	6
7301	24 in. by 14 in. by	1 in.	...	...	...	...	...	...	...	...	0	10	6
7302	30 in. by 16 in. by	1 in.	...	...	...	...	...	...	...	...	0	14	0

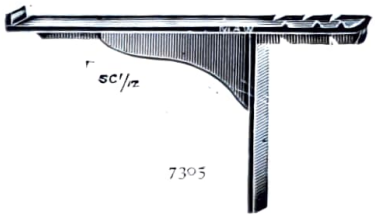
Slate shelves are recommended for sterilisers in preference to glass or marble, as both the latter are liable to crack with heat.

7303	Bracket, with turned-over end—												
	(*a*) Brass ... ... each, 8 in., 14 ; 10 in., 17 6 ; 12 in.										1	0	0
	(*b*) Nickel plated ... ... each, 8 in., 17 6 ; 10 in., 21 ; 12 in.										1	4	6

Aseptic Hospital Furniture, etc.—*continued.*

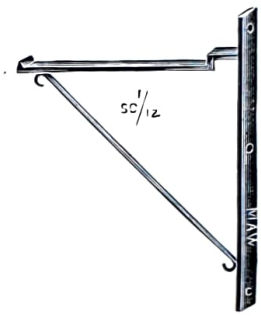


7304



7305

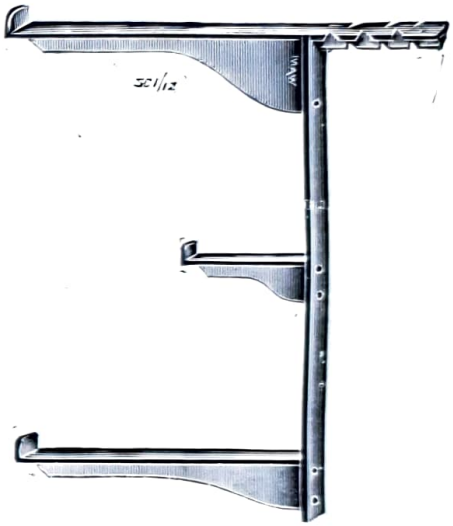
No.	**Shelves and Brackets**—*continued.*	£	s.	d.
7304	Bracket with upright end—			
	(*a*) Brass ... ... 8 in., 12/6; 10 in., 15/6; 12 in.	0	18	0
	(*b*) Nickel plated ... ... 8 in., 15/6; 10 in., 18/6; 12 in.	1	1	0
7305	Bracket, "Cantilever," white enamelled iron ... ... 8 in., 8/9; 10 in., 9/6; 12 in.	0	10	0



7306



7308

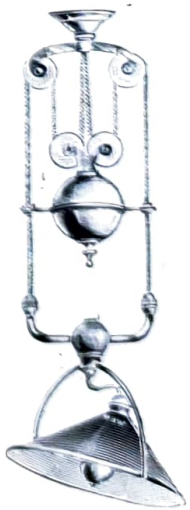


7307

7306	Bracket, white enamelled iron ... ... 8 in., 7/6; 10 in., 8/6; 12 in.	0	9	0
7307	Do. three-tier, with 16 in., 7 in., and 14 in. arms ... ... per pair	3	0	0
7308	Brackets, brass, to hold glass medicine shelf at head of bed, with hooks for chart board, etc., per pair, 5 in., 16/–; 3½ in.,	0	9	6
7309	Plate glass shelf, ¼ in. thick, with polished edges, for use with Brackets No. 7308, 10 in. by 3½ in., 1/6; 10 in. by 5½ in.	0	1	9



7310



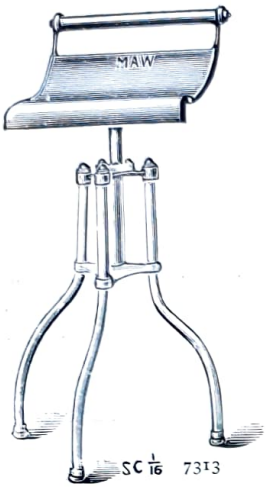
7311

7310	**Theatre Lamp,** Electric, for use during operations, so balanced that it will hang in any position ...	1	11	6
7311	Do. do. do.	1	10	0

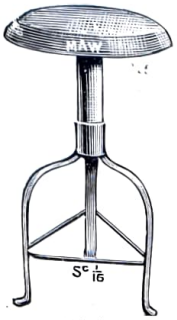
Aseptic Hospital Furniture, etc.—*continued.*



7312

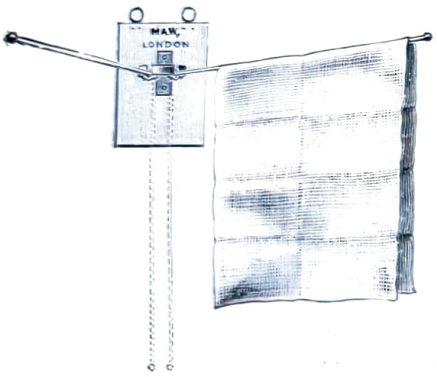


7313

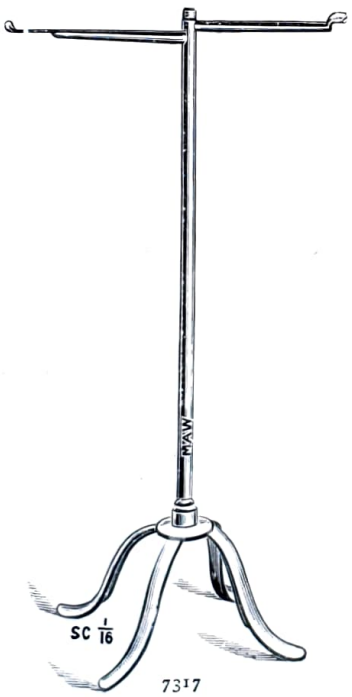


7314

No.	**Theatre Stools,** white enamelled iron—	£	s.	d.
7312	With fixed top	1	5	0
7313	With raisable screw top and brass back rest	1	8	0
7314	With raisable screw top and round seat... ... ... 22/6 and	1	5	0
7314*a*	Do. do. extra high for anæsthetist	1	4	0



7315



7317



7316

Towel Hangers

| | | |

Aseptic Hospital Furniture, etc.—*continued.*

No. **Trolleys and Stretchers, etc.**— *£ s. d.*

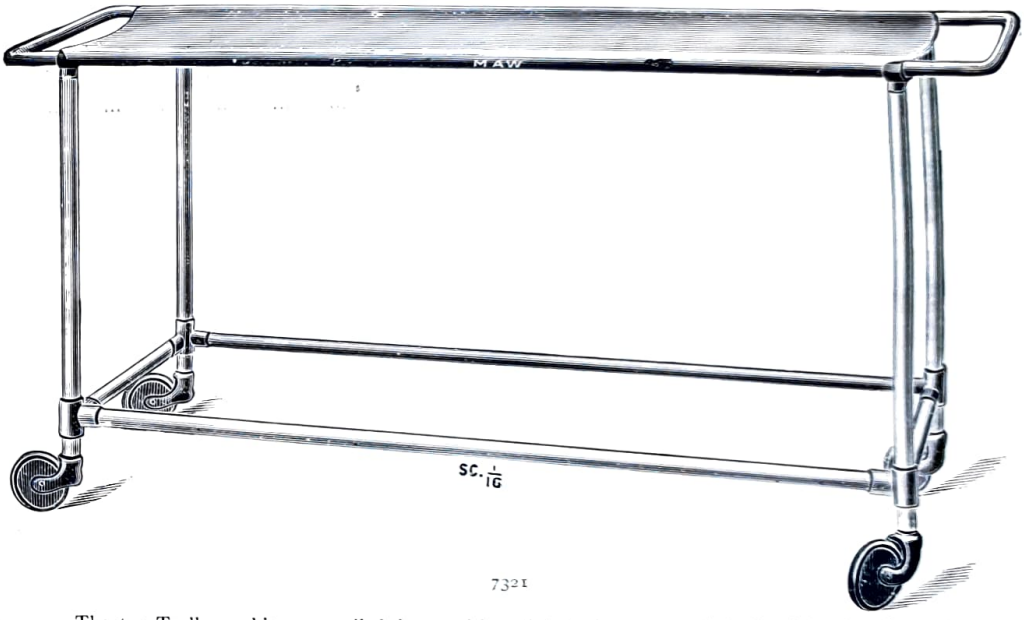
7319 Hand Stretcher, Army regulation model, with 1¼ in. ash poles 3 5 0

The canvas is fastened to the poles by copper nails driven through an edging of leather. The poles are square, except at the handles, and are kept apart the required distance by two jointed wrought iron galvanised bars, which, when in position, are made to lock so that they cannot become accidentally closed at an inopportune moment. Four brackets are fitted to the under surface of the poles carrying 3 in. rollers, by means of which the stretcher may be wheeled along the floor of an ambulance waggon. A pair of leather shoulder slings, which also serve the purpose of confining the package when not in use, are provided with the stretcher.



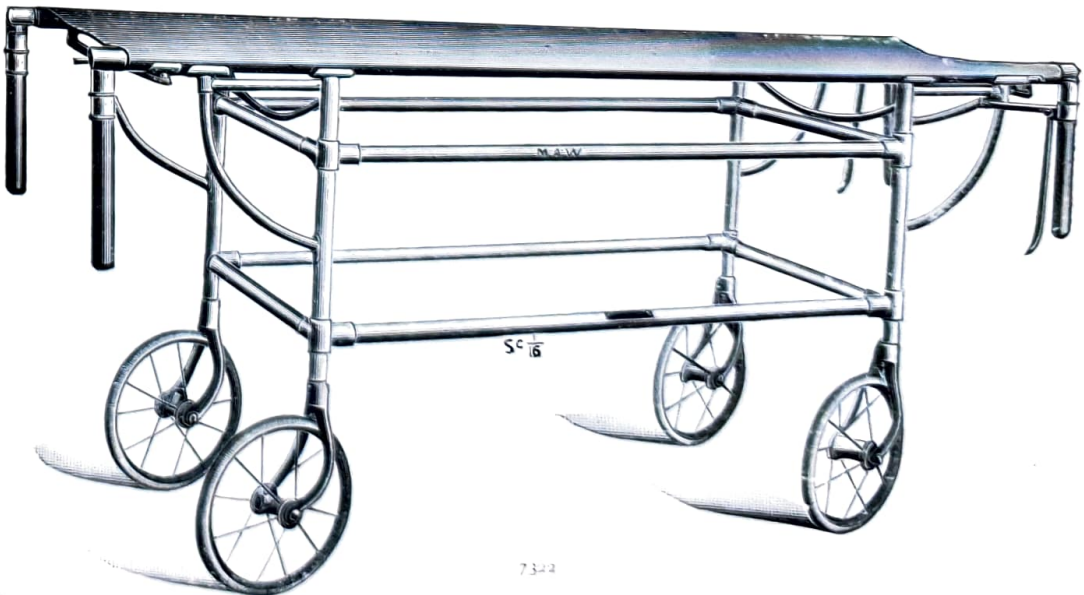
7320

7320 Hand Stretcher, "Factory" pattern, with plain canvas centre and ash poles and iron fixing rods ... 1 7 6



7321

7321 Theatre Trolley, white enamelled iron, with polished zinc top, nickel plated hand rails, and 5 in. rubber-tyred wheels 12 0 0

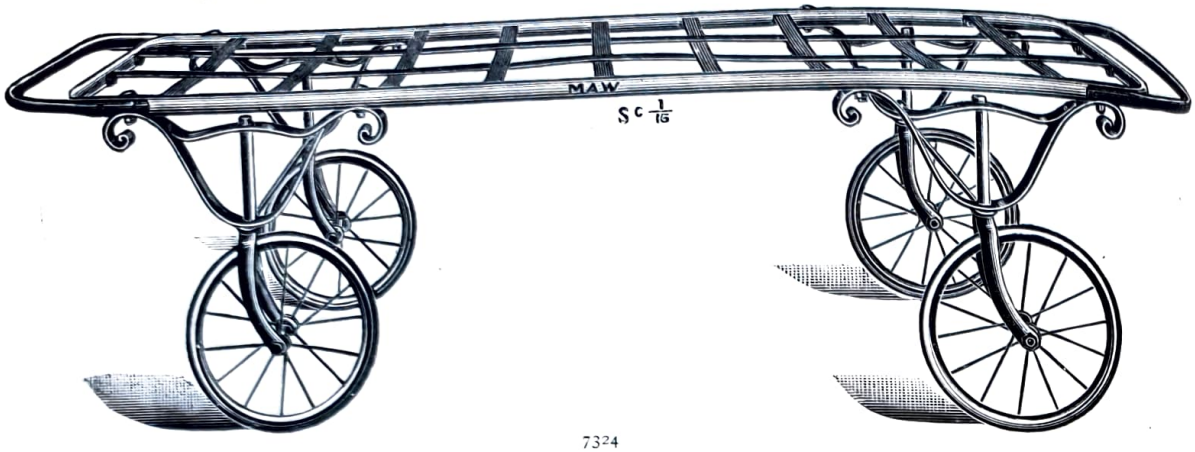


7322

7322 Theatre Trolley, white enamelled iron, with removable canvas stretcher top, drop-down handles, and 10 in. rubber-tyred wheels with revolving brackets, the 2 back wheels being operated on by lever brakes 15 10 0

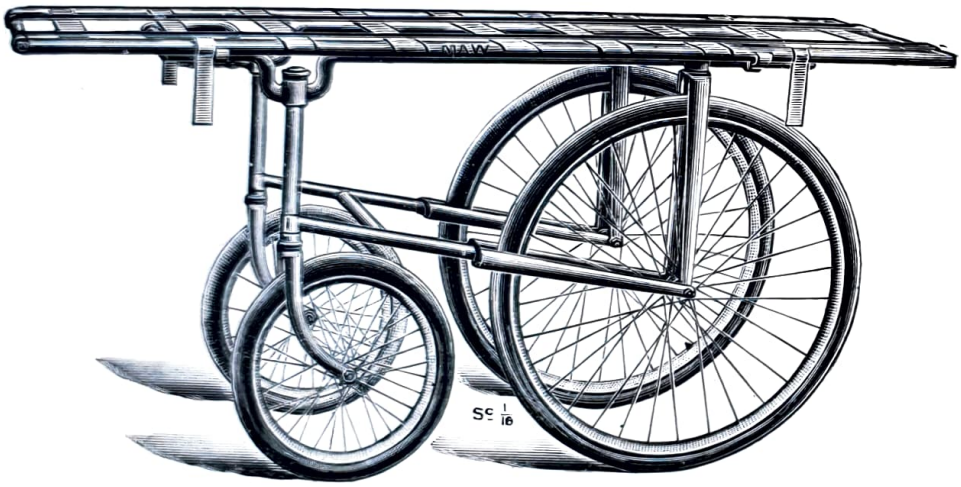
7323 Do. do. as No. 7322, but without the lever brakes, and with fixed handles 9 15 0

Aseptic Hospital Furniture, etc.—*continued.*



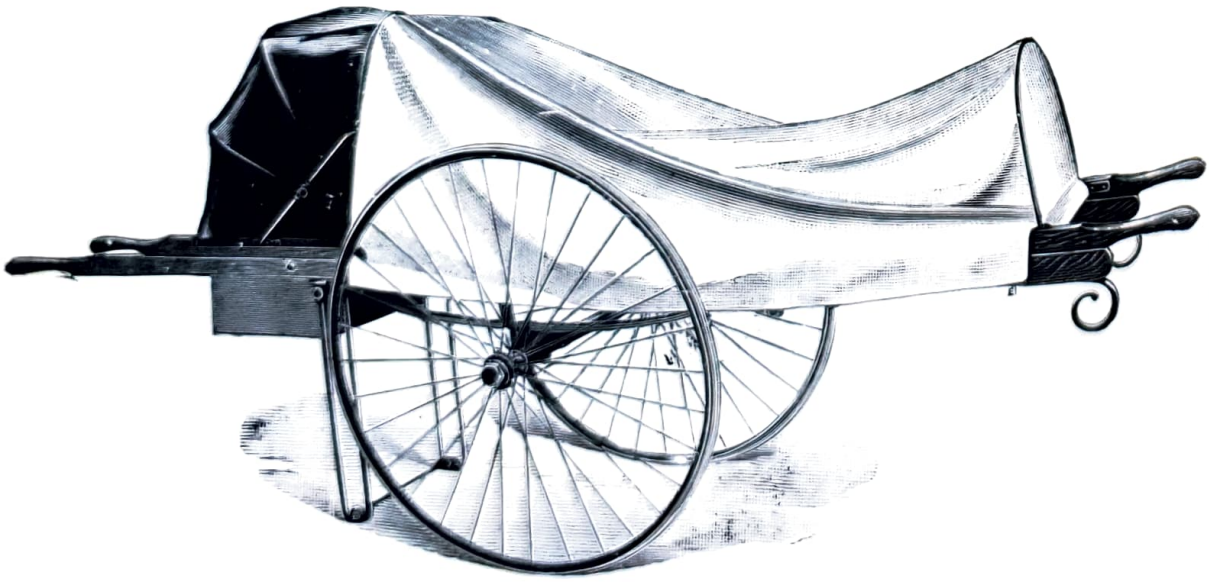
7324

No.	**Trolleys, Stretchers, etc.**—*continued.*	£	*s.*	*d.*
7324	Wheel Stretcher, white enamelled iron, mounted on 14 in. rubber-tyred wheels, with swivel movement ; length, 5 ft. 10 ins., not including hand rails	10	0	0



7325

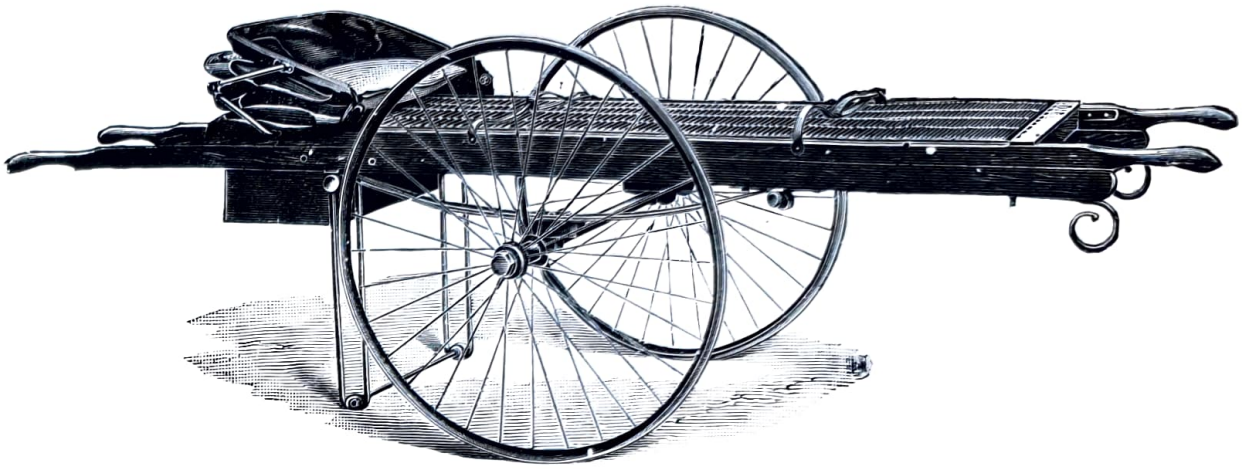
7325	Wheel Stretcher, with frame constructed of white enamelled bicycle tubing, mounted on two 28 in. wheels and two 16 in. swivel wheels, furnished with ball bearings and pneumatic tyres ; length, 67 in. ; width, 21 in. ; height, 31 in.	16	10	0



7326

WITH HOOD AND APRON IN POSITION.

Aseptic Hospital Furniture, etc.—*continued.*



7326

WITH HOOD DOWN.

No.	**Trolleys, Stretchers, etc.**—*continued.*	*£ s. d.*
7326	Wheel Stretcher, "Police" pattern, for outdoor use, with detachable under carriage, bicycle wheels, white rubber sheeting cover, collapsible hood, and drawer for splints, bandages, etc. ...	22 0 0

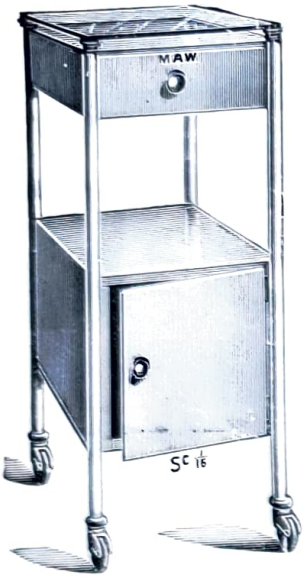


7327

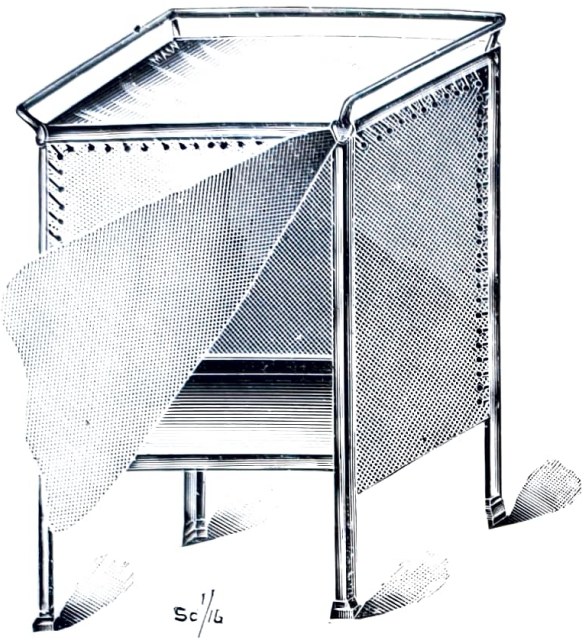
7327 **Wagon,** for conveying dinners, etc., to the wards of a hospital, constructed of specially planished steel, which will not rust, and fitted with copper hot water tanks, removable shelves and undercarriage, with rubber-tyred wheels, and springs 26 0 0

The use of a wagon of this description saves the labour of carrying the dinners by hand through the various wards, and at the same time enables the meat, soup, vegetables, etc., to be kept hot whilst the patients are being served. When not in use it can be lifted off the under-carriage, and the latter can then be used for other purposes, such as collecting dirty linen from the various wards or for the delivery of coal, etc. It is made of such a size that it will easily go into any lift which will take an ordinary stretcher.

Aseptic Hospital Furniture, etc.—*continued.*



7328



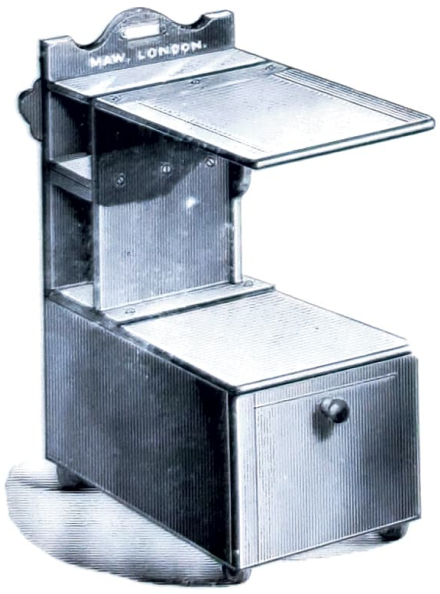
7329

No.	**Ward Lockers—**	*£ s. d.*
7328	White enamelled iron, with ⅛ in. plate glass top with polished edges, mounted on 2 in. rubber-tyred castors	2 8 0
7329	White enamelled iron frame, with white canvas sides, back and front, mounted on plain feet, 2 qualities ... ... **51/9** and	4 4 0

Dimensions, 15 in. by 15 in. by 32 in.

A monogram or initials are sometimes worked upon the front sheet of canvas in order to add to the appearance of the Locker.

Special prices will be submitted for the above Lockers if required in quantities of more than 6 at a time.



7332



7333

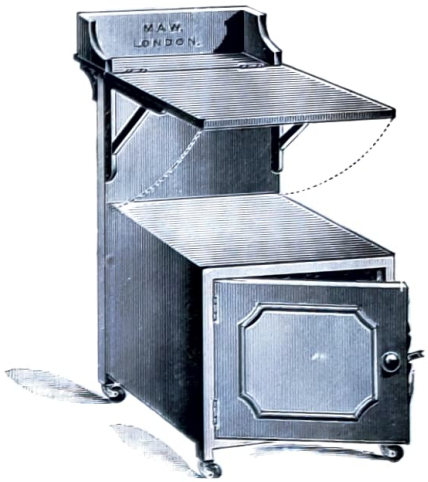
	Locker and Bed Table combined, with all inside angles rounded and fitted with towel rail at back—	
7330	Oak, plain	3 7 6
7331	Mahogany, polished	3 15 0
7332	White wood, enamelled	3 5 0
7333	Locker, with 2 doors, polished "marmorite" top, towel rail and medicine shelf, made of birchwood polished	2 10 0

Special prices will be submitted for quantities.

Aseptic Hospital Furniture, etc.—*continued.*



7334

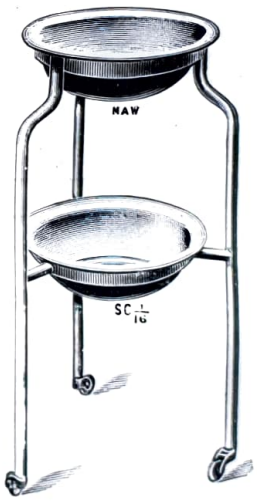


7335

No.	**Ward Lockers, etc.**—*continued.*	£	*s.*	*d.*
7334	Locker, with drawer and cupboard ... ... birch, 37 6; white wood, enamelled	1	18	6
7335	Locker, with drop down table, seat and cupboard ... birch, 37 6; white wood, enamelled	1	18	6

When enamelled white, this Locker is supplied with a plain instead of an ornamental door.

Special prices will be submitted for quantities.



7336



7337

Wash Stands, for Theatre use—

7336	White enamelled iron, with two basins and rubber-tyred castors											1	16	0
7337	Do. do. with one basin do. do.											0	17	6

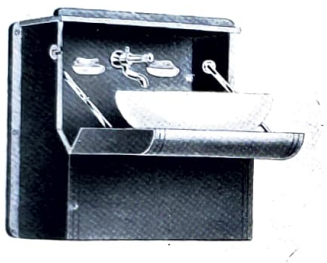
Either of the above can be supplied with ball-bearing castors at an additional cost of 12/-

SANITARY APPLIANCES

FOR OPERATING THEATRES, WARDS, Etc.

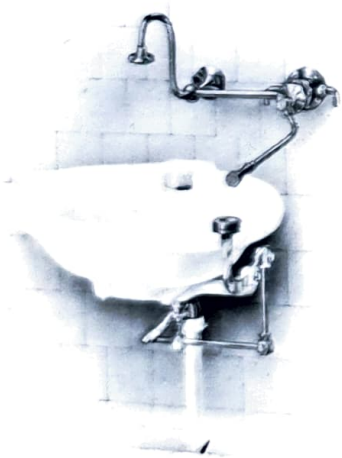


7338

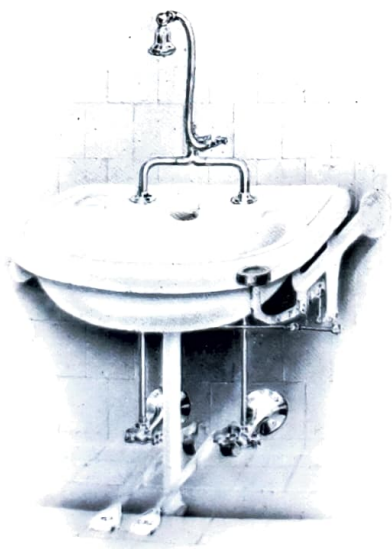


7339

No.	**Consulting Room Wash-hand Basins—**	*£*	*s.*	*d.*
7338	Folding Cabinet, with brass supply valve and mount, white earthenware basin, soap dishes, zinc supply tank and receiver, and mirror, in polished mahogany or walnut	9	14	6
7339	Folding Cabinet, with brass supply valve and mount, white earthenware basin, soap dishes and zinc receiver, in polished mahogany or walnut	5	13	6



7340

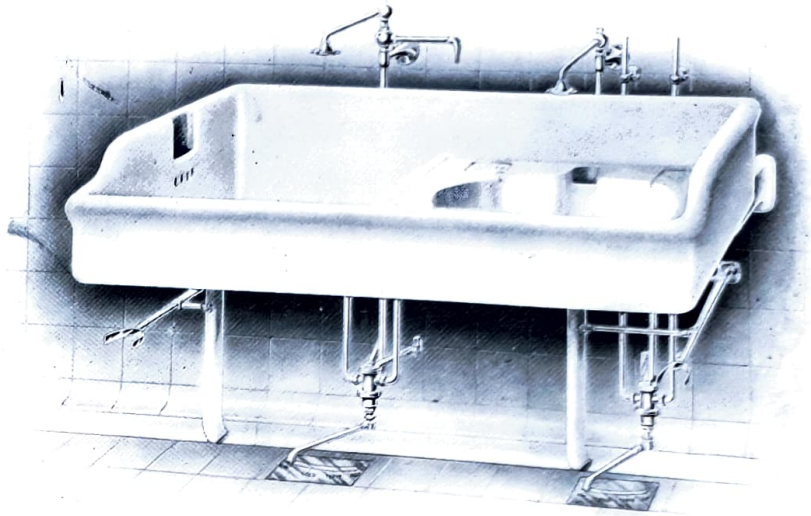


7341

Theatre Lavatories—

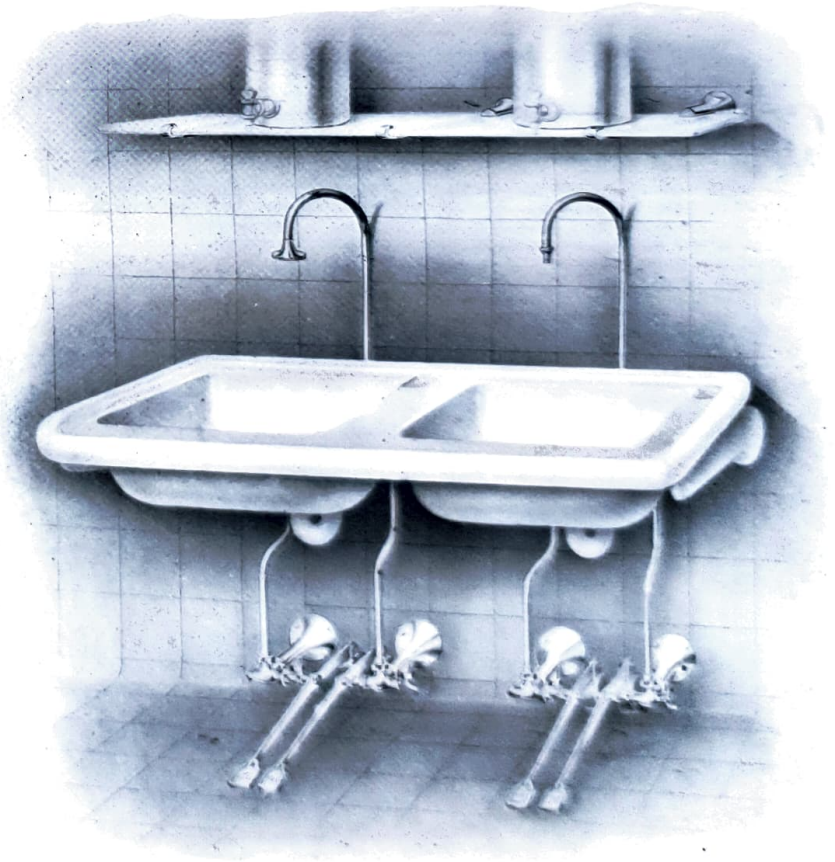
7340	Oval White Glazed Fire-clay Lavatory, 28 in. by 21 in., with 24 in. by 16 in. basin, open overflow and plug waste, hot and cold combined valve with lever handle to work by the arm, curved supply pipe and spray, and elbow action waste; top supported on vitreous enamelled cast-iron cantilevers	11	0	0
7341	Strong White Earthenware Lavatory, 30 in. by 23 in., with 21 in. by 16 in. basin, and open overflow and plug waste to work below a grating, hot and cold valves fixed on painted iron brackets with treadle action, curved supply pipe and spray and elbow action waste; top supported on painted iron cantilevers	15	10	0
7342	If supplied with vitreous enamelled supporting brackets and pipe ... ... extra	0	12	6

Sanitary Appliances—*continued.*



7343

No.	**Theatre Lavatories**—*continued.*	£	*s.*	*d.*
7343	Strong White Glazed Fire-clay Lavatory and Operating Sink combined, 32 in. by 22 in. by 8 in., with open overflow, ⅜-in. painted mixing valves actuated by foot lever, brass pipes from valves to movable sprays and jet, and waste plug under grating worked by a knee action arrangement; top supported on vitreous enamelled cast-iron cantilevers	22	7	6
7344	Do. do. do. with top 48 in. by 22 in. by 8 in.	24	14	0

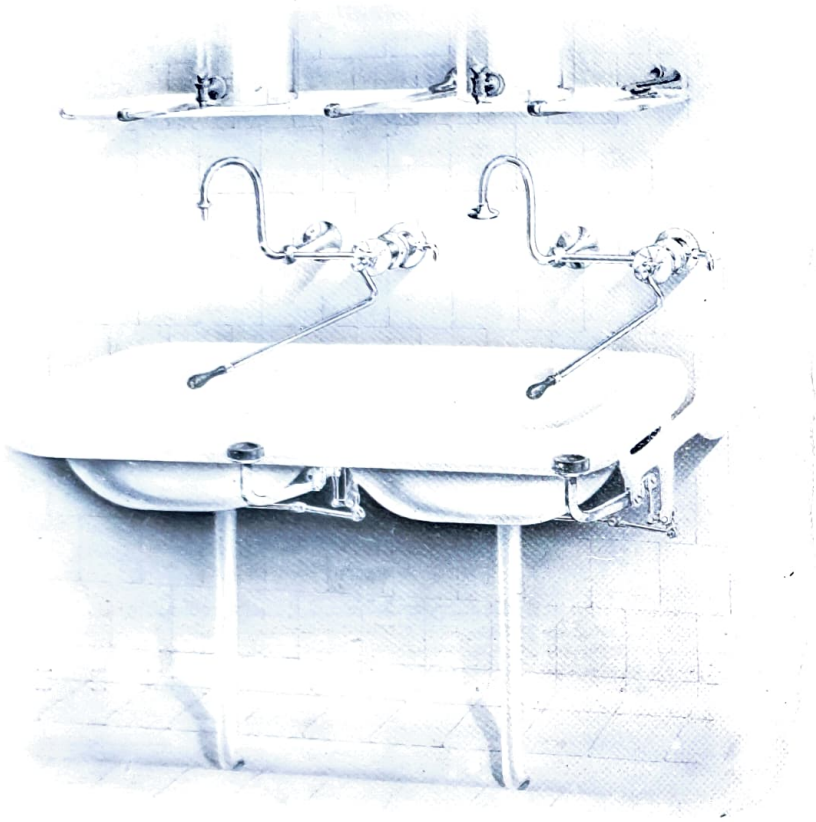


7345

7345 **Double Lavatory**, with basins and top formed in one piece of strong white glazed fire-clay, 4 ft. 4 in. by 1 ft. 9 in., with 21 in. by 14½ in. basins. The supplies consist of a spray and jet, and in place of a plug a grated washer is fixed, so that the user washes in running water. The valves (hot and cold), are worked by treadles supported on solid brass brackets clear of the floor, and the top is supported on vitreous enamelled cast-iron brackets and metallic enamelled wrought-iron frame 25 10 6

7346 Do. do. do. with painted cast-iron valve brackets in place of brass ... 22 11 6

Sanitary Appliances—*continued.*



7347

No. **Theatre Lavatories**—*continued.* *£ s. d.*

7347 Double Lavatory, with basins and top formed in one piece of white glazed fire-clay, 4 ft. 4 in. by 1 ft. 9 in., with 21 in. by 14½ in. basins, fitted with overflow and waste plugs worked by elbow action levers; the supplies consist of a spray and jet attached to hot and cold combined valves with arm levers; the waste pipes are of vitreous enamelled iron, and the top is supported on vitreous enamelled cast-iron cantilevers 19 17 6



7348



7350

Theatre Sinks—

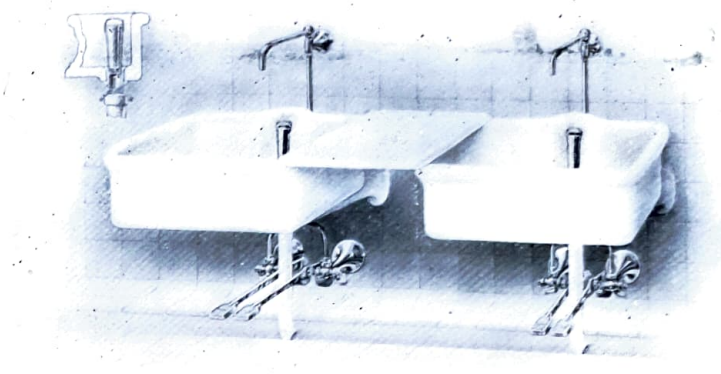
7348 White Glazed Fire-clay Sink, 30 in. by 24 in. by 8 in., with open overflow, soap ledge, brass rod waste, ½ in. hot and cold screw-down valves with swan-neck jets, and vitreous enamelled cast-iron cantilevers and waste pipe 6 16 6

7349 Do. do. do. 24 in. by 18 in. by 8 in. 5 9 6

7350 White Glazed Fireclay Sink, 30 in. by 24 in. by 8 in., with recess for waste, soap ledge, brass removable standing waste, ½ in. brass hot and cold valves, and vitreous enamelled cast-iron cantilevers and waste pipe 7 0 0

7351 Do do. do. 24 in. by 18 in. by 8 in. 5 12 0

Sanitary Appliances—*continued.*



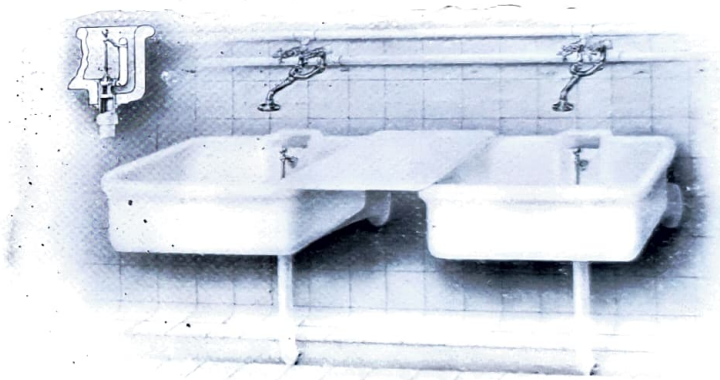
7352

No. **Theatre Sinks**—*continued.* *£ s. d.*

7352 Pair of White Glazed Fire-clay Sinks, 30 in. by 22 in. by 10 in. with recessed backs, brass removable standing wastes, hot and cold valves with treadles, supported on solid brass brackets, and vitreous enamelled cast-iron cantilevers and waste pipes. A white glazed fire-clay slab 24 in. by 22 in. is fixed between the sinks 21 16 0

7353 Do. do. do. with sinks 24 in. by 18 in. by 10 in., and slab 24 in. by 18 in. 20 15 0

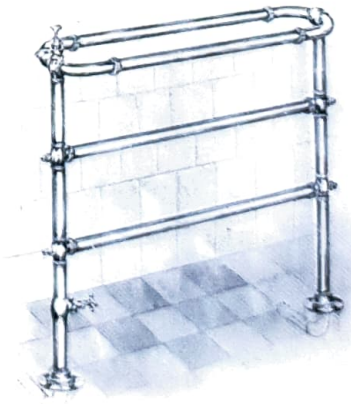
If supplied with painted cast-iron brackets for the treadles in place of brass, £2 19 0 can be deducted from the above prices.



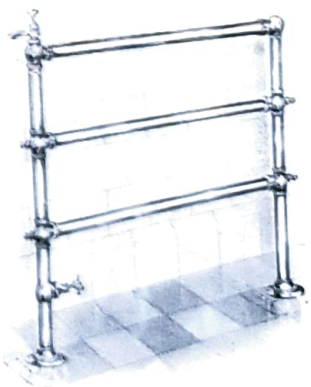
7354

7354 Pair of White Glazed Fire-clay Sinks, 30 in. by 22 in by 10 in. with recessed backs, open overflows and brass rod wastes, hot and cold screwdown valves, with connecting pieces and sprays, and vitreous enamelled cast-iron cantilevers and waste pipes; a white glazed fire-clay slab, 24 in. by 22 in. is fixed between the sinks. (Supply pipes not included in the price) 15 17 0

7355 Do. do. do. with sinks 24 in. by 18 in. by 10 in., and slab 24 in. by 18 in. 13 16 0



7356



7357

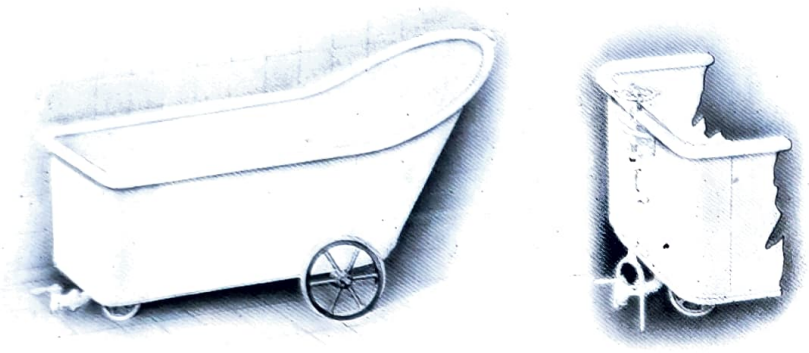
Towel Warmers, constructed of tube and heated by hot water—

7356 With double top rail ... ... polished brass, £7 11 0; plated 9 8 6

7357 With single top rail ... ... ,, ,, £6 9 6; ,, 8 0 0

Sanitary Appliances—*continued.*

HANDLE BRAKE.



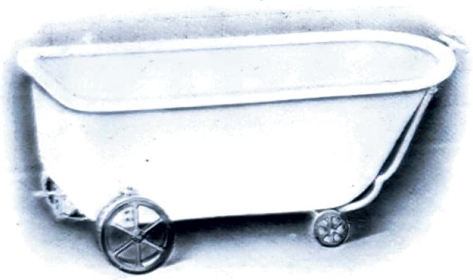
7358-60

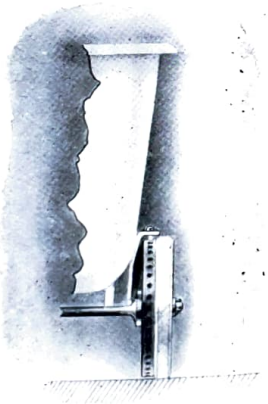
Ward Baths on Wheels—

Bath with hood at end and overhanging roll for prevention of splashing, mounted on three india-rubber tyred wheels, and fitted with 1 in. valve at outlet; white metallic enamelled inside and plain colour outside—

No.			£	s.	d.
7358	Copper	4 ft. 6 in., £13 16 6; 5 ft., £14 9 6; 5 ft. 6 in.	15	6	0
7359	Zinc	4 ft. 6 in., £9 14 6; 5 ft., £10 3 6; 5 ft. 6 in.	10	16	6
7360	Iron	4 ft. 6 in., £8 10 6; 5 ft., £8 16 6; 5 ft. 6 in.	9	5	0
	If fitted with handle brake	extra, each	1	0	0
	If fitted with wheel brake	,, ,,	0	5	9

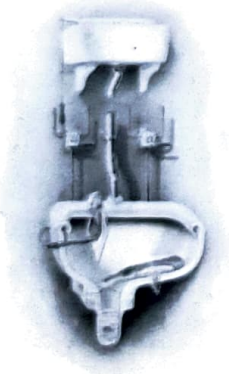
WHEEL BRAKE.



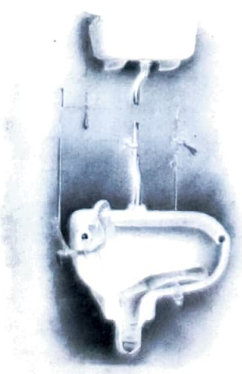


7361

7361	Bath constructed of cast-iron with rolled edge, mounted on four india-rubber tyred wheels, and fitted with 1 in. valve at outlet; white vitreous enamel inside and painted plain colour outside.		8	18	6
	If finished with vitreous enamel outside	extra	2	2	0
	If fitted with wheel brake	,,	0	5	6



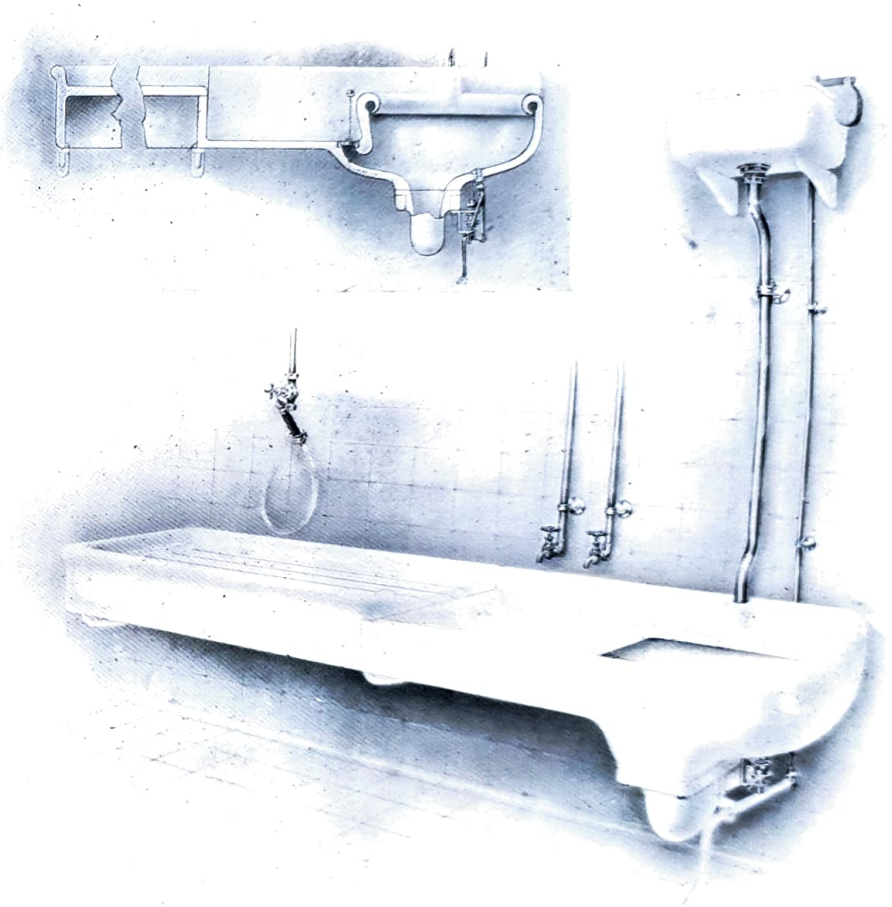
7362



7363

Sanitary Appliances—*continued.*

No.		£ s. d.
	Ward Sinks, for washing out Bed Pans and Urine Bottles—	
7362	White Glazed Fire-clay Sink, 26 in. by 20 in., with rising jet for bed pans and bent gun-metal pipe with spray for urine bottles, combined hot and cold valves with lever handle and dial plates for jet and spray, and 3-gallon white vitreous enamelled cast-iron cistern and cover, painted iron brackets, brass chain pull and ebonized handle, and painted iron support for sink	12 12 0
7363	White Glazed Fire-clay Sink, 26 in. by 20 in., with rising jet for bed pans and bent gun-metal pipe with spray for urine bottles, strong self-closing valves for jet and spray, and 3-gallon white vitreous enamelled cistern and cover, painted iron brackets, brass chain pull and ebonized handle, and painted iron support for sink	11 8 0
7364	Do. do. do. fitted with screw-down valves in place of self-closing	9 15 6



7365

7365	Combined apparatus for cleansing and scalding bed pans, and for scouring macintosh sheets, constructed of white glazed fire-clay, 8 ft. by 1 ft. 3 in., with rising jet, treadle and valve, all fixed clear of the floor; 3-gallon white vitreous enamelled cast-iron cistern and cover, with painted iron brackets, and galvanized iron connecting rod from treadle to cistern; ½ in. brass hot and cold screw-down valves, and patent combined hot and cold valve with india-rubber hose and jet; vulcanite plug and brass washer, and painted cast-iron support and cantilevers	24 5 6
7366	Combined Bed Pan and Scalding Sink, almost similar to No. 7365, but without the grooved slab, and additional fittings for scouring macintoshes	18 16 6

HOSPITAL BEDSTEADS.



7367–8

No.		£ s. d.

Patent "Lawson Tait" Spring Bedstead, fitted with patent "victex" china bowl castors and galvanised spring mesh ; length, 6 ft. 6 ins—

		Width— 2 ft. 6 in.	3 ft.	3 ft. 6 in.
7367	With 1 in. bows	27/9	28/6	33/–
7368	With 1¼ in. bows	31/6	33/9	36/9

The above Bedsteads can be fitted with india-rubber castors, wood bowl castors or feet, instead of china bowl castors, if desired.

7369 **Patent "Lawson Tait" Bedstead,** with fracture frame, 2 ft. 6 in., 48/9 ; 3 ft., 50/3 ; 3 ft. 6 in. — 2 16 3



7370

7370 **Patent "Lawson Tait" Spring Bedstead,** as supplied to the Royal Victoria Hospital, Belfast (300 beds), with 1¼ in. head and foot bows and 1⅛ in. welded steel tube sides, fitted with large swivel castors at head end, 6 ft. 6 in. by 3 ft. — 5 0 0

The upper part of the spring frame may be raised or lowered by means of a screw handle at the foot, without in any way disturbing the occupant.

Hospital Bedsteads—*continued.*



7371–2

No.		£	*s.*	*d.*
7371	**Patent "Lawson Tait" Spring Bedstead,** permanently guaranteed against breaking or sagging, with galvanized spring mesh, 1¼ in. head and foot bows, 1½ in. welded steel tube sides, and sockets for head pole; length, 6 ft. 6 ins. ... ... width, 2 ft. 6 in., 41/9; 2 ft. 9 in., 42/6; 3 ft.	2	2	9
7372	Head Pole, chain and handles, as illustrated ... ... extra	0	12	0



7373–4

Patent "Lawson Tait" Asylum Bedstead, as supplied to the Bexley Asylum (2,215 beds), with 1½ in. welded steel tube sides, and rounded hard wood feet, length, 6 ft. 6 in.—

		Width—2 ft. 6 in.	2 ft. 9 in.	3 ft.
7373	With 1 in. bows	38/-	38/9	39/-
7374	With 1¼ in. bows	41/9	41/9	42/-

This Bedstead can be fitted with castors if desired.

Hospital Bedsteads—*continued.*

No.		£	s.	d.
7375	**Special "Lawson Tait" Hospital Bedstead,** for single rooms, fixed on hinges to floor or wall at the head, with padlock staple at foot, 9 in. from floor, as supplied to the West Ham Asylum and East Sussex Asylum, etc., 6 ft. 6 in. by 3 ft.	2	3	6
7376	**Folding Occasional "Lawson Tait" Bedstead,** as supplied to H.M. War Office for the Field Hospitals, length, 6 ft. 6 in.; width, 2 ft. 3 in., 24/9; 2 ft. 6 in., 26/9; 3 ft.,	1	9	3



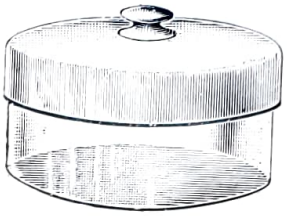
7377

7377	**Patent "Lawson Tait" Spring Hospital Cot,** with both side rails to drop down, galvanized spring mesh, and 1 in. pillars ... 4 ft. by 2 ft., 42/6; 4 ft. 3 in., by 2 ft. 3 in., 44/-; 4 ft. 6 in. by 2 ft. 6 in.	2	5	6
7378	**Patent "Lawson Tait" Epileptic Cot,** 6 ft. 6 in., by 2 ft. 6 in., 72/6; 6 ft. 6 in. by 3 ft.,	3	18	0
7379	**Patent "Lawson Tait" Lying-in Bedstead,** with $4\frac{1}{2}$ in. rubber-tyred wheels, lift-out head, and special frame for fixing wood boards under the spring mattress, as supplied to St. Thomas's Hospital, Brentford Infirmary, etc. ... ... 6 ft. 6 in., by 3 ft.,	4	7	6

The prices quoted for Bedsteads in the foregoing pages are for small quantities only; special prices will be quoted for quantities of 1 doz. or over. Very large reductions can be made for quantities of over 50.

Mattresses, Sheets, Pillow Cases, Blankets, etc., etc., supplied at the lowest possible prices. Quotations on application.

SURGICAL GLASSWARE.



7380



7382



7383

No. **Jars,** for Dressing, Sponges, etc.—

7380 Glass Jar, with outside loose fitting cover, 3 sizes—

Height	3¾ in.	5 in.	6½ in.
Diameter	6 in.	8 in.	11 in.
Each	2/6	4/-	7/6

7381 Do. do. do. on foot—

Height	4 in.	5 in.	6 in.	7 in.	8 in.	8 in.
Diameter	4 in.	5 in.	6 in.	7 in.	4 in.	8 in.
Each	2/-	2/6	3/-	3/9	5/-	6/3

7382 Glass Jar, for sponges, with dome-shaped cover and strainer, two sizes, 10 in., 14/-; 14 in., 18/-

7383 Glass Jar, with outside-fitting, ground lon lid, 3 sizes—

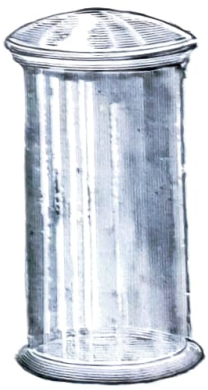
Height	6 in.	10 in.	12 in.
Diameter	4½ in.	5 in.	7 in.
Each	3/-	4/6	10/-



7384



7385



7386

7384 Glass Jar, with shoulder and drop-over cover, 8 sizes—

Height ..	4 in.	5 in.	6 in.	7 in.	8 in.	11 in.	12 in.	10 in.
Diameter ...	4 in.	5 in.	6 in.	8 in.	8 in.	8 in.	8 in.	10 in.
Each	2/-	2/6	3/9	5/9	6/-	7/6	8/6	8/6

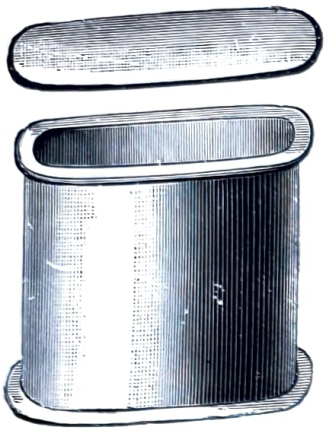
7385 Glass Jar, with lid fitting into a channel which can be filled with an antiseptic solution so as to entirely exclude air, 4 sizes—

Height ...	3½ in.	4½ in.	4 in.	6 in.	7 in.	8 in.
Diameter ...	2½ in.	3 in.	4 in.	6 in.	7 in.	8 in.
Each	2/6	3/-	4/6	8/3	11/-	13/-

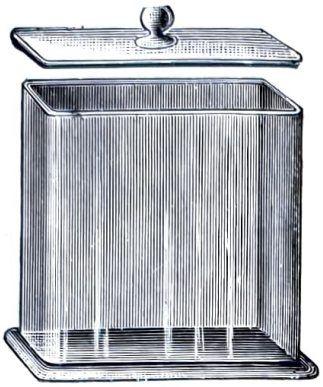
7386 Glass Jar, with ground-in stopper surrounded by a phlange which projects over the edge of the jar, so as to prevent dust from accumulating in the crevice—

Height	5 in.	7 in.	8 in.	6 in.	12 in.	12 in.
Diameter	4 in.	6 in.	5 in.	6 in.	5 in.	7 in.
Each	1/9	3/6	3/3	3/9	4/3	8/-

Surgical Glass Ware, etc.—*continued.*



7387

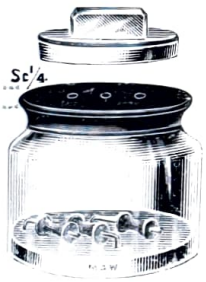


7388

No.						*£ s. d.*
7387	**Jars,** for preserving Museum Specimens— Oval, with foot and ground on glass plate and groun rim, 4 sizes—					
	Height	5⅛ in.	7⅜ in.	9¾ in.	11¾ in.	
	Long diameter ...	4⅜ in. } 4/-	7⅜ in. } 7/6	9¾ in. } 13/-	7¼ in. } 10/6	
	Short diameter ...	1½ in.	3⅜ in.	4¾ in.	4 in.	
7388	Square, with foot and plain glass lid, 4 sizes—					
	Height	5⅛ in.	7⅜ in.	8½ in.	9¾ in.	
	Width	4⅜ in. } 4/-	6¾ in. } 6/-	8¼ in. } 8/-	9¾ in. } 10/6	
	Depth	1½ in.	1⅜ in.	4 in.	4¾ in.	

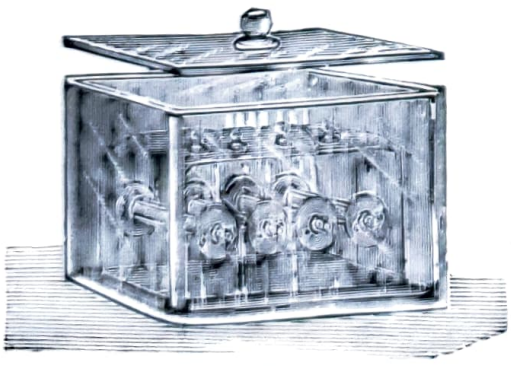


7389

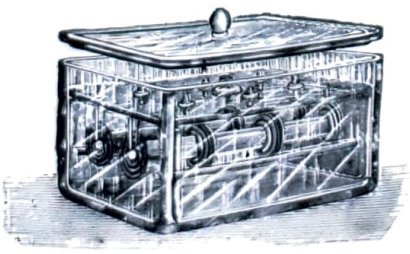


7390

7389	**Glass Jar,** for Sponges or Dressings, with drop-over cover—					
	Height	8 in. } 2/-	9½ in. } 3/-	10 in. } 3/6	11 in. } 3/6	
	Diameter	4 in.	5¼ in.	7 in.	6 in.	
	Ligature Jars, glass—					
7390	Jar, Bruce Clarke's, with metal base, 3 glass reels and india-rubber cover					0 7 0



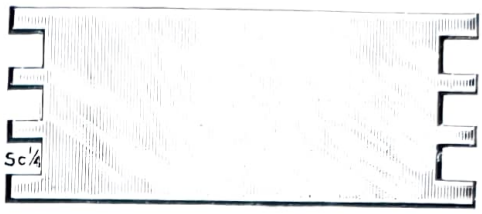
7391



7392

7391	**Ligature Trough,** glass, with plain reels—		
	With 2 reels, size of trough, 6¼ in. by 3⅜ in. by 3¼ in.	0	9 6
	With 4 reels do. 6⅜ in. by 5⅜ in. by 4 in.	0	14 0
	With 6 reels do. 9¼ in. by 6¼ in. by 4⅜ in.	1	0 0
7392	**Ligature Trough,** glass, with skeleton reels—		
	With 2 reels, size of trough, 6¼ in. by 3⅜ in. by 3¼ in.	0	11 9
	With 4 reels do. 6⅜ in. by 5⅜ in. by 4 in.	0	17 6
	With 6 reels do. 9¼ in. by 6¼ in. by 4⅜ in.	1	4 0

Surgical Glass Ware, etc.—*contin ued.*

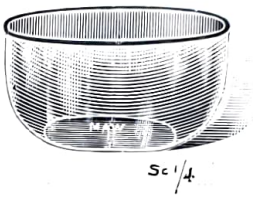


7393



7394

No.	**Ligature Winders,** glass, with polished edges—	£	*s.*	*d.*
7393	Oblong, for 3 different sizes of silk	0	1	6
7394	Maltese Cross, 1½ in.	0	0	9



7395-96



7397

Lotion Bowls, white glass with coloured rim—

7395	Blue, green or amber rim	6½ in., 4/-; 8 in., 5/6; 9½ in., 7/6; 11 in., 9/6; 12 in.	0	11	0
7396	Ruby rim	6½ in., 4/6; 8 in., 6/-; 9½ in., 8/6; 11 in., 10/6; 12 in.	0	12	0

The above Bowls with coloured rims are found to be of great service in hospital theatres where several different colourless solutions are often in use at the same time. By always keeping the same colour of bowl for one particular lotion, the surgeon can see at once what he is using, and mistakes are thus often avoided.

7397	**Lotion Bowls,** plain white glass, with polished rim, 4 in., -/10; 6 in., 1/-; 8 in., 1/3; 10 in., 2/-; 12 in.		0	3	0

Lotion Bowls, coloured glass, with polished rim—

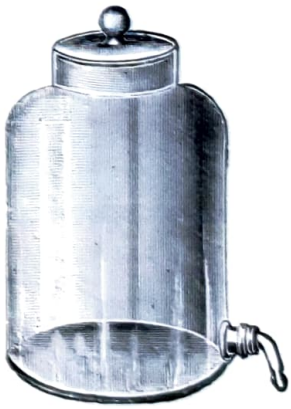
7398	Dark blue	4 in., 1/-; 6 in., 1/3; 8 in., 1/9; 10 in., 2/6; 12 in.	0	3	9
7399	Light blue	4 in., 1/-; 6 in., 1/3; 8 in., 1/9; 10 in., 2/6; 12 in.	0	3	9
7400	Amber	4 in., 1/-; 6 in., 1/3; 8 in., 1/9; 10 in., 2/6; 12 in.	0	3	9
7401	Ruby	4 in., 1/3; 6 in., 1/6; 8 in., 2/3; 10 in., 3/-; 12 in.	0	4	6



7402



7403



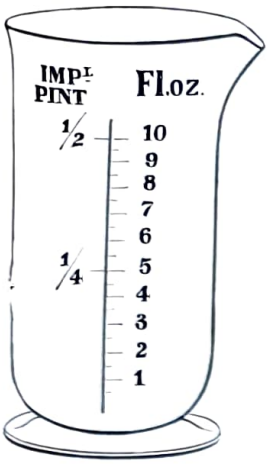
7404

Lotion or Irrigator Jars, glass—

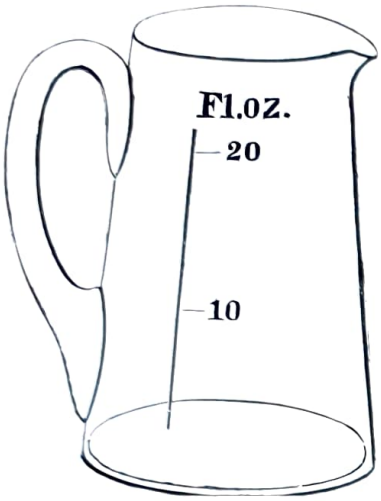
7402	Jar with outside loose fitting lid, 2 sizes ... ... 2 gal., 18/-; 4 gal.		1	2	0
	Lettering, extra, per jar, 2/6.				
7403	Barrel with drop-on lid and overlapping phlange, fitted with india-rubber bung, and bent glass outlet tube, 3 sizes ... ... 1 gal., 10/6; 2 gals., 12/-; 3 gals.		0	17	6
7404	Jar with outside loose-fitting cover, fitted with india-rubber bung, and bent glass outlet tube, 3 sizes ... ... 1 gal., 7/-; 1½ gal., 10/6; 2½ gals.		0	14	0
7405	Glass tap with india-rubber bung, to fit the above jars, 3 sizes, large, 4/-; medium, 3/6; small		0	2	6
7406	Glass tap, ground, to fit jars ... ... 1 gal., 6/9; 2 and 3 gals.		0	7	6
7407	Name of lotion, in red letters, deeply engraved		0	2	6

(*See also page 453*).

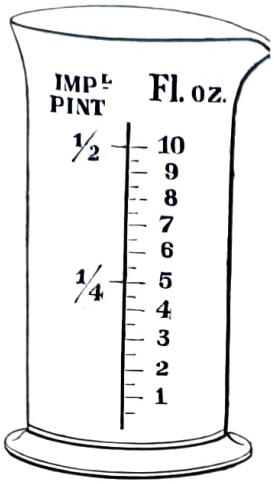
Surgical Glass Ware, etc.—*continued.*



7408



7410



7412

No.		£	*s.*	*d.*
	Measures, for Hospital Theatres—			
7408	Cup bottom, best quality ... ... per doz., 10 oz., 16/3; 20 oz., 26/–; 40 oz.	1	16	0
7409	Do. verified and stamped ... ... ,, ,, 19/–; ,, 29/6; ,,	1	19	6
7410	Tankard shape ... ... per doz., 1 pt. or 2 pt.	0	10	0
7411	Do. do. verified and stamped ... ... ,, ,, ,,	0	12	0
7412	Cylindrical, best quality ... ... per doz., 10 oz., 16/3; 20 oz., 26/–; 40 oz.	1	16	0
7413	Do. verified and stamped ... ... ,, ,, 19/–; ,, 29/6; ,,	1	19	6



7414

Name Plates or Labels, for Antiseptic Solutions—

7414 Sublimate, Boric, Carbolic or Sterilised Water, etc. ... ... per doz. 0 8 0



7415

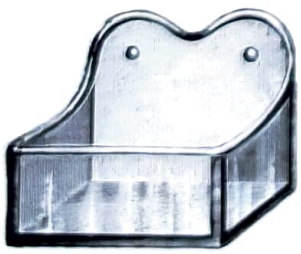


7416

Soap Troughs or Boxes, white glass—

7415 Box, with glass lid, 6¼ in. by 3½ in. 0 7 6

7416 Box, with nickel plated lid, 6¼ in. by 3¼ in. 0 6 6



7417



7418

7417 Open Trough, to hang on wall, 5⅝ in. by 4 in. 0 4 0

7418 **Nail Brush Box**, white glass, 4 in. by 2 in. by 3 in., with nickel plated lid 0 4 0

Surgical Glass Ware, etc.—*continued.*



7419

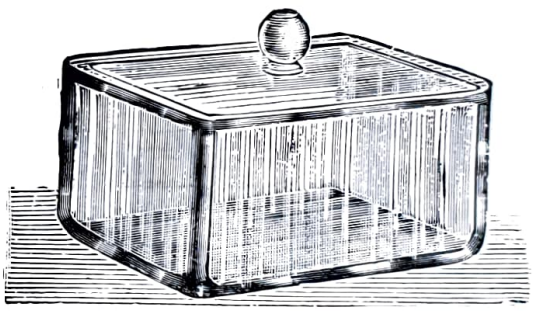


7421

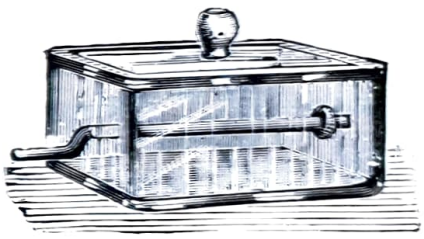


7420

No.		£	s.	d.
	Stool Inspection Pans—			
7419	Glass, with ground rim and plate glass cover, as supplied to St. Bartholomew's Hospital ...	0	9	6
7420	Earthenware, with cover and iron handle ... ... 10¾ in. by 5¾ in., 3/6; 12¼ in. by 7⅛ in.	0	5	6
7421	**Urine Jar**, with cover, graduated to ½ pints, 4 sizes—½ gallon, 4/3; 1 gallon, 6/-; 1½ gallon, 8/-; 2 gallon	0	9	6



7422



7423

7422 **Tanks or Boxes,** for storing Antiseptic Dressings, etc.—

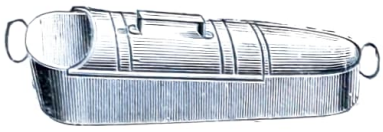
Length	3¼ in.	8 in.	6½ in.	6¾ in.	9¾ in.	10½ in.
Width	2⅛ in.	2¼ in.	3⅛ in.	5⅛ in.	3¼ in.	6¼ in.
Depth	2¼ in.	1¾ in.	3⅛ in.	4 in.	3¼ in.	5 in.
White glass ... ... each	2/6	3/9	6/-	8/6	8/6	12/-
Amber glass ... ... ,,	2/9	4/3	6/6	9/3	9/3	13/-

7423 **Tanks or Boxes,** with Roller for Antiseptic Dressings, etc.—

Length		6¾ in.	10 in.
Width		5¼ in.	6⅝ in.
Depth		4⅛ in.	4¾ in.
White glass	each	12/-	17/6
Amber glass	,,	13/-	18/-

(*See also page 481.*)

SURGICAL SUNDRIES, Etc.



7424



7426

No.		£	s.	d.
	Arm Baths—			
7424	Copper, with lid	1	6	0
7425	Japanned tin, with lid ... ... 13/6 and	1	0	0
7426	Zinc, with sloping bottom, and tap to draw off water	0	16	0

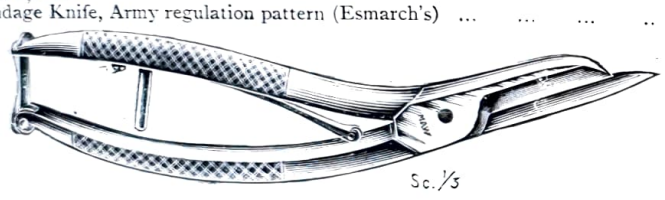


Sc. ½

7427

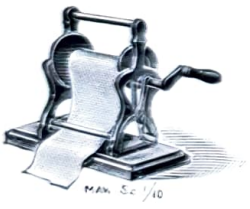
Bandage Cutters, etc.—

7427 Gypsum Bandage Knife, Army regulation pattern (Esmarch's) 0 5 0

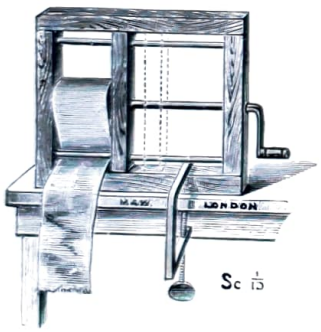


7428

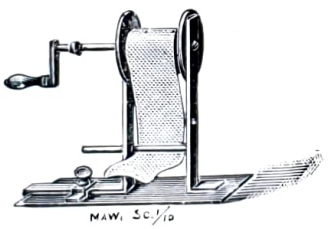
7428 Shears, for removing Plaster of Paris Bandages 0 12 6



7429



7430

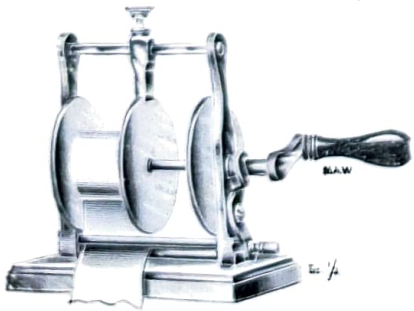


7431

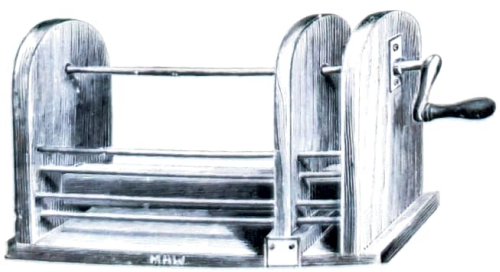
Bandage Winders—

7429	Japanned iron, green and gold, for bandages up to 3 in. wide	0	13	0
7430	Uninstalled, wood	0	2	9
7431	Japanned iron, brown, for bandages up to 5 in. wide	0	11	3
7432	Do. do. black and gold, light pattern	0	6	9

The above prices include clamp when necessary.



7433



7434

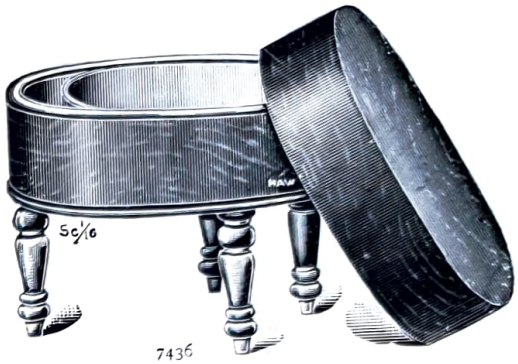
7433	Nickel plated, adjustable	1	4	0
7434	Wood, mahogany, with brass fittings	0	12	9

All Bandage Winders are supplied with clamps, and all except Nos. 7429 and 7431 are capable of taking a 6 in. bandage.

Surgical Sundries, etc.—*continued.*

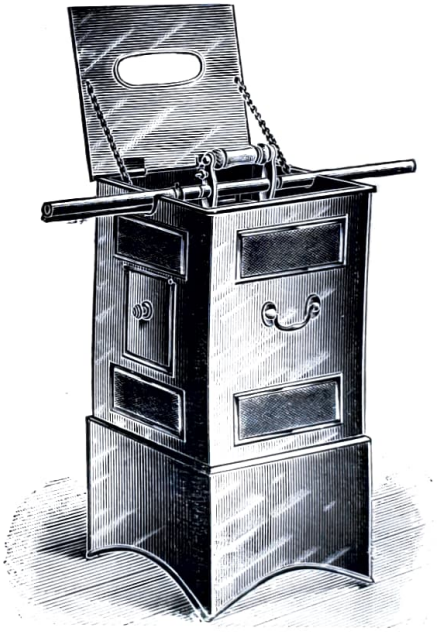


7435



7436

No.		£	s.	d.
	Bidets—			
7435	Enamelled iron, on folding iron stand	0	14	6
7436	Japanned tin, with double chamber, in polished mahogany case, with cover	2	10	0
	Binders—			
7437	Antiseptic Towelling, MAW's, 54 in. by 18 in.	0	3	0
7438	Shaped, with buckle fastening	0	6	9
7439	Thorne's, with pelvic extension	0	7	6



7440



7441

7440 **Bronchitis Kettle Stand or Protector,** as used at St. Bartholomew's Hospital, to prevent upsetting of the lamp or kettle 1 17 6

7441 **Bronchitis Kettle,** with 3 ft. spout and perforated end piece, standing on a frame, with lamp beneath, capacity, 5½ pt. 0 11 3



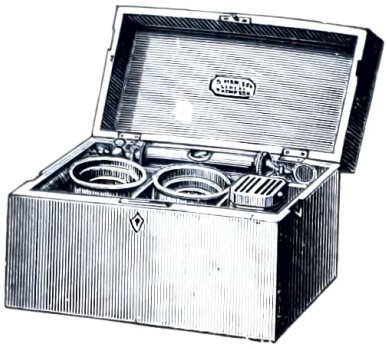
7442

7442 **Bronchitis, Tracheotomy or Croup Kettle,** with lamp, etc., complete 1 1 0

Surgical Sundries, etc.—*continued.*

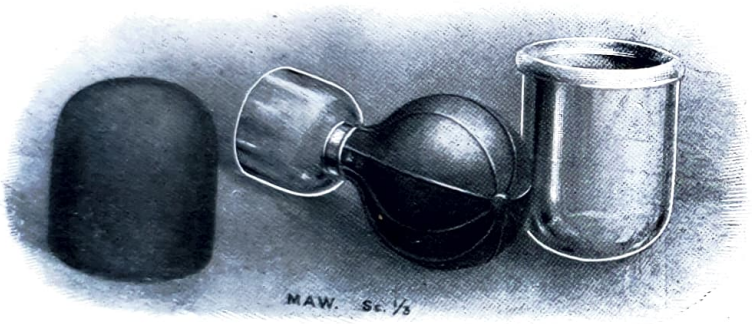


7443



7444

No.	**Cupping Instruments**—	£	s.	d.
7443	Set, consisting of two nests of glasses in leather covers, spirit lamp, spirit bottle and scarificator, in mahogany case	2	4	0
7444	Set, consisting of two nests of glasses with screw mounts, in leather covers, brass pump and scarificator, in mahogany case	2	16	0

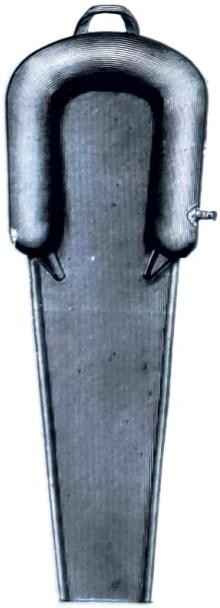


7445 7446 7447

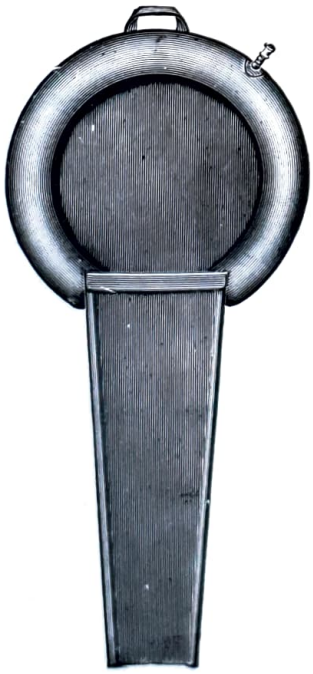
7445	**Cuppers**, india-rubber, 2 sizes	1½ in., 2/1; 2 in.	0	3	7
7446	Do. glass, with india-rubber exhauster, 2 sizes	1 in., 1/7; 1½ in.	0	2	3
7447	Do. glass, plain, 3 sizes, 2 in., 2½ in., and 3 in.	per doz.	0	5	6
7448	**Scarificators**	12 bladed, 24/-; 4 bladed	0	18	0



7449



7450

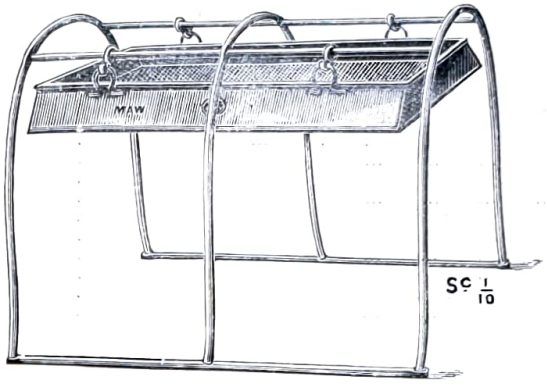


7451

Douche Sheets, india rubber, Kelly's—

7449	Obstetrical, or General Operation Cushion, 2 sizes, 44 in. by 26 in. and 44 in. by 24 in.	each, 13 3 and	0	17	0
7450	Perineal Cushion, 34 in. by 14 in.	each	0	11	6
7451	Surgical Cushion, with tubular apron, 2 sizes, 44 in. by 26 in. and 44 in. by 24 in. ... each, 17 6 and		1	0	0

Surgical Sundries, etc.—*continued.*



7452

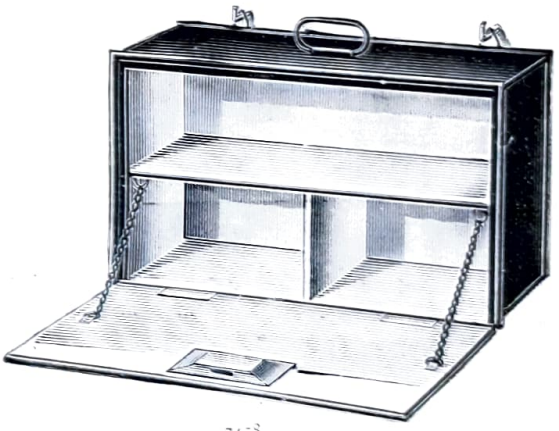


7453

No.		£	*s.*	*d.*
7452	**Cradle,** with Tray for ice, for reducing temperature in case of Typhoid fever, etc.	1	5	0
7453	**Dressing Basket,** 17 in. by 11 in., with divisions, standing on legs, with tray beneath	0	18	0
7454	Do. do. do. without divisions	0	16	0



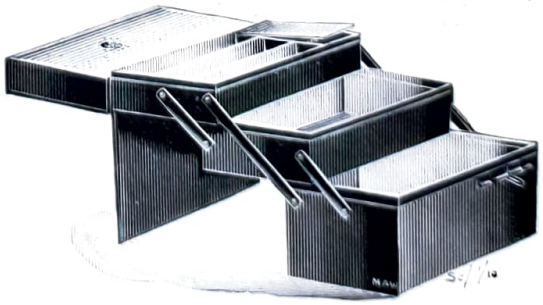
7455



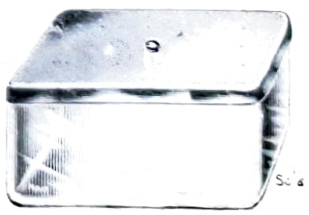
7458

Dressing Boxes—

7455	Japanned tin, 13 in. by 7½ in., by 7½ in.	white, 11 6 ; black	0	10 9
7456	Do. with partitioned tray, 10 in. by 10 in. by 10 in.	white, 21 – ; black	0	19 0
7457	Do. do. do. 20 in. by 12 in. by 12 in.	white, 24 – ; black	1	1 0
7458	Japanned tin, with drop-down front, and lock and key	black	1	0 0



7459

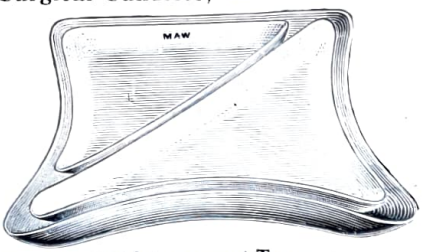


7460

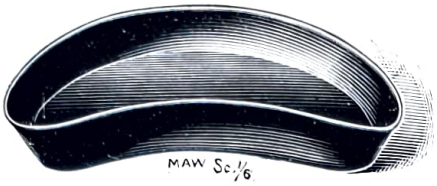
7459	Japanned tin, with hinged trays, 11½ in. by 5½ in. by 9½ in.		0	18 6
7460	Glass, with nickel plated lid ... ... 7½ in. by 4½ in., 7 6 ; 9⅜ in. by 5⅜ in.		0	6 0

(*See also page 477*).

Surgical Sundries, etc.—*continued.*



7462

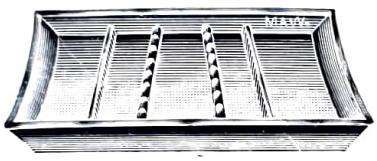


7472

No.	**Dressing and Instrument Trays**—	£	s.	d.
7461	Guy's Hospital pattern, copper, tinned ... ... per set of 3	0	18	9
7462	Do. do. earthenware ... ... ,, ,, 3	0	9	0
7463	Kidney shape, aluminium ... ... 8½ in., 2/3; 9½ in.	0	3	3
7464	Do. do. brass ... ... 9 in., 4/–; 10 in., 4/3; 11 in.	0	4	6
7465	Do. do. earthenware ... ... 6 in., 1/–; 8¾ in., 1/3; 10 in., 1/7; 11 in., 2/1; 15 in.	0	3	4
7466	Do. do. enamelled iron ... ... 10 in., 1/6; 12 in., 1/9; 14 in.	0	2	6
7467	Do. do. glass, plain white... 6 in., 1/–; 8 in., 1/3; 9 in., 1/6; 10 in., 1/9; 11 in., 2/–; 12 in.	0	2	6
7468	Do. do. glass, amber colour, 6 in., 1/2; 8 in., 1/6; 9 in., 1/9; 10 in., 2/–; 11 in., 2/6; 12 in.	0	3	0
7469	Do. do. glass, plain white, with outlet ... ... 7½ in., 4/6; 10 in.	0	5	0
7470	Do. do. nickel plated ... ... 7 in., 3/6; 9 in., 4/–; 10 in., 4/3; 11 in.	0	4	6
7471	Do. do. papier mâché ... ... per doz., 6 in., 3/9; 8½ in., 5/6; 10¾ in., 7/6; 12¼ in.	0	11	0
7472	Do. do. vulcanite ... ... 9 in., 3/3; 10 in., 3/9; 10½ in.	0	4	3



7473

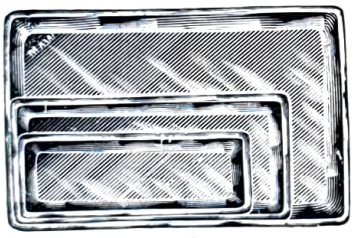


7475

7473	Square, earthenware, deep ... ... 8 in. by 6 in., 1/2; 10 in. by 8 in., 1/10; 12 in. by 10 in.	0	3	0
7474	Do. do. shallow ... ... 3½ in. by 3½ in., –/8; 10 in. by 8 in., 1/6; 12 in. by 10 in.	0	2	6
7475	Do. do. with rack for scalpels, etc. ... ... 12 in. by 6 in., 9/–; 14 in. by 8 in.	0	11	6
7476	Do. enamelled iron ... ... 8 in. by 6 in., 1/1; 10 in. by 8 in., 1/7; 12 in. by 9 in., 2/1; 14 in. by 10 in., 2/6; 16 in. by 12 in.	0	3	8



7477

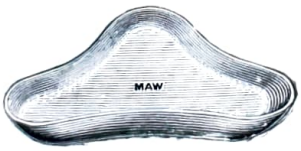


7478

7477	Square, glass, deep, 8 in. by 5 in., 2/–; 10 in. by 7 in., 2/6; 12 in. by 9 in., 4/–; 14 in. by 12 in., 7/–; 18 in. by 14 in.	0	14	0
7478	Do. do. shallow ... ... 6 in. by 2 in., 1/–; 7 in. by 3 in., 1/3; 8 in. by 4 in.	0	2	0



7479



7481–85

7479	Sole or Foot-shaped, copper, to fit against any part of the body ... ... per nest of 3	0	18	9
7480	Triangular, enamelled iron, with sharp angles, ... per doz., 6½ in., 8/6; 7½ in., 9/6; 8 in.,	0	11	6
7481	Do. earthenware, 8½ in.	0	1	9
7482	Do. enamelled iron, 9 in.	0	2	9
7483	Do. glass, 8 in.	0	3	9
7484	Do. papier mâché, 10 in.	0	1	6
7485	Do. vulcanite ... ... 8½ in., 4/–; 9½ in.,	0	4	6

Finger Stalls—

		£	s.	d.
7486	Rolled, in metal cases, containing 1 doz. per case	0	1	0
7487	Do. in wood boxes, containing 1 doz. per box	0	0	10



7486

Surgical Sundries, etc.—*continued.*



7488



7490



7491

No.	**Ice and Hot Water Bags—**	£	s.	d.
7488	For the ear	0	2	3
7489	For the eye ... ...single, 1/8; double	0	2	3
7490	For the abdomen, chest, or back	0	6	9
7491	For the face	0	2	0



7492



7493



7494

7492	Conical, with boxwood cap, for various parts of the body	0	4	0
7493	Helmet shape, for head	0	6	0
7494	For the scrotum	0	3	0



7495



7496



7497



7498



7499

7495	Circular, 3 sizes ... ... 4 6, 4 9 and	0	5	3
7496	Oval, for heart affections	0	3	3
7497	Spinal Bag, Chapman's, for ice ... 8 in., 7/-; 10 in., 7 6; 12 in., 8/-; 14 in. 9/-; 16 in., 9 9; 18 in., 10 6; 20 in., 11/-; 22 in., 12/-; 24 in., 12 9; 26 in.;	0	13	6
7498	Do. do. do. for hot water ... ... 8 in., 5 3; 10 in., 6/-; 12 in., 7/-; 14 in.	0	8	0
7499	Lumbar Bag, Chapman's, for ice	0	6	9



7500



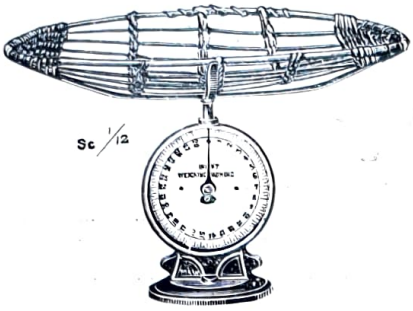
7501

7500	Spiral Coil, of india-rubber tubing, for the application of cold to the head by means of a continuous stream of cold water	1	7	6
7501	Spiral Coil, composed of flexible aluminium tubing, exceedingly light, with india-rubber feeding and delivery tubes ... ... 22 in., 12/-; 20 in.	0	11	3

Surgical Sundries, etc.—*continued.*



7502



7503

No.		£	*s.*	*d.*
7502	**Infant's Bath**, for Hospital Wards, enamelled iron, on folding iron stand	0	17	6
7503	**Infant's Scales**, with wicker pan and enamelled dial	0	18	9



7504



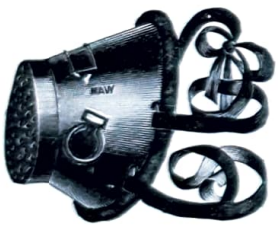
7505



7507

Inhalers, for Medicated Solutions, etc.—

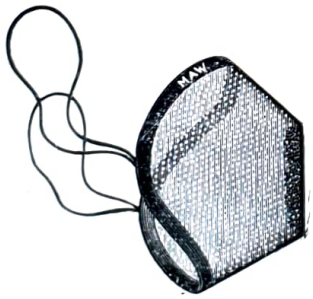
7504	Coghill's, with perforated inner tray ... ... vulcanite, 2/8; metal	0	3	0
7505	Hauseman's ... ... celluloid, 2/4; vulcanite, 3/7; nickel plated	0	3	0
7506	Muthu's, for inhalation of Formic Aldehyde, with solution	0	2	0
7507	Roberts's, with hinged front ... ... nickel plated, 1/4; bronzed	0	1	0



7508



7509



7510

7508	Mackenzie's, with side valves... ... ... vulcanite, 4/6; nickel plated, 21; bronzed	0	1	11
7509	Maw's Exhaler, for the treatment of pulmonary affections by means of medicated vapours...	0	3	6
7510	Yeo's, perforated zinc, with bound edges ... ... per doz.	0	4	6



7511



7512

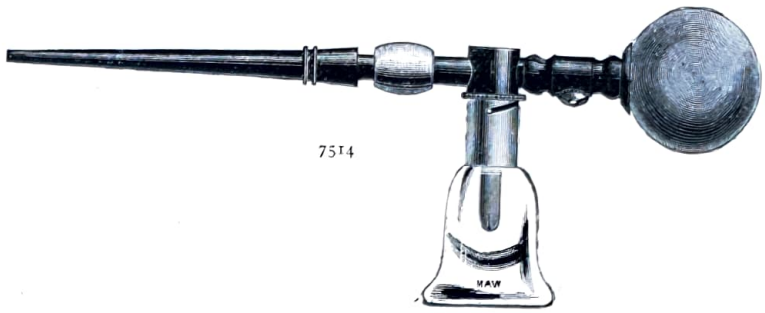


7513

Insufflators—

7511	Butlin's, for self-use, india-rubber, with glass mounts	0	0	8
7512	Lucae's, india-rubber ball, with vulcanite tube	0	1	3
7513	Maw's, with glass barrel and india-rubber ball	0	2	6

Surgical Sundries, etc.—*continued.*



7514

No.	**Insufflators**—*continued.*	£	*s.*	*d.*
7514	Kabierske's, with glass chamber, india-rubber ball and vulcanite end piece	0	6	0



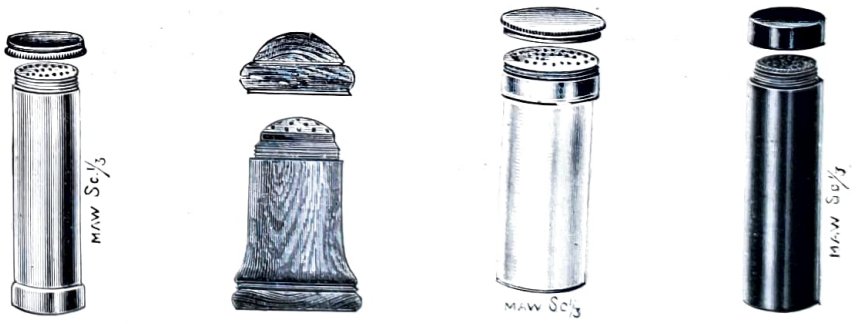
7515

7515	Metal Pump Insufflator, with vulcanite end piece	0	2	6



7516

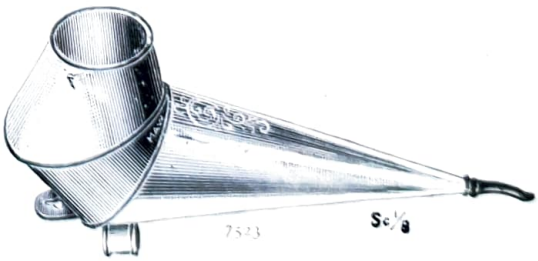
7516	Rauchfuss's, with india-rubber ball and vulcanite chamber	0	3	0



7517 7518 7519 7520

Iodoform Dredgers—

7517	Aluminium, 1 oz.	0	3	6
7518	Boxwood, 1 oz.	0	1	0
7519	Glass, with metal top, 1 oz.	0	1	6
7520	Vulcanite, 2 sizes... ... ... 1 oz., 1 9 ; 2 oz.	0	2	9
7521	**Iodoform and Eucalyptus Bougies**, Cheyne's ... ... per box of 1 doz.	0	1	9



7523

Irrigators, for Wounds, etc.—

7522	Bronzed tin...	0	6	0
7523	Bryant's, white japanned, to stand or hang, fitted with wire pinch cock...	0	15	0
7524	Glass, with tapering end, to hang on wall, 2 sizes ... ... 2 pint, 4 6 ; 4 pint	0	5	6
7525	Porcelain, Middlesex Hospital pattern, with flat bottom, 2 sizes ... ... 2 pint, 5/- ; 4 pint	0	6	9

Each of the above Irrigators is fitted with 6 ft. of best red india-rubber tubing and a conical glass wound pipe.

Surgical Sundries, etc.—*continued.*



7526



7527



7529



7530



7531

No.	**Irrigator or Wound Pipes**—	£	*s.*	*d.*
7526	Glass, with collar	0	0	3
7527	Do. do. conical	0	0	3
7528	Do. Middlesex pattern, conical	0	0	2
7529	Do. with groove for return flow	0	0	6
7530	Vulcanite, single way, with push-over cock	0	3	0
7531	Do. two-way, with taps	0	4	0



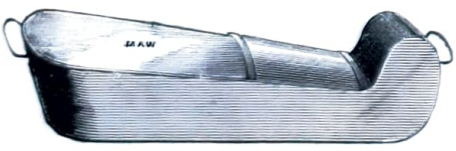
7532–33



7534

Jugs, for Theatre or Wards use—

7532	Brass, 3 sizes	3 pt., 9/–; 4 pt., 10/–; 6 pt.	0	11	6
7533	Enamelled iron, 3 sizes	3 pt., 1/6; 5 pt., 2/–; 7 pt.	0	2	6
7534	Glass, 2 sizes	per doz., 2 pt., 10/–; 3 pt.	0	12	0



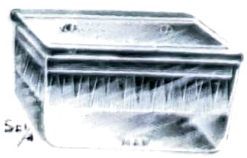
7535–36



7537

Leg Baths—

7535	Copper	1	13	0
7536	Japanned tin, white inside and grained oak outside	1	1	0
7537	Do. do. upright pattern	0	15	0



7538



7539

Nail Brush Boxes—

7538	Glass, with brush	0	4	0
7539	Enamelled iron, with brush	0	3	9

Surgical Sundries, etc.—*continued.*



7540



7541

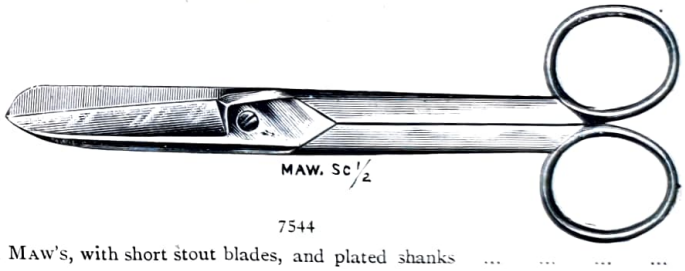


7542



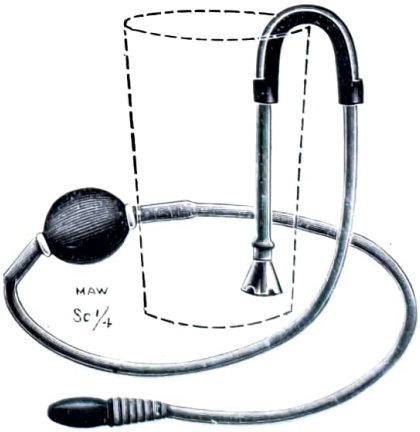
7543

No.		£	*s.*	*d.*
7540	**Nail Cleaner,** nickel plated	0	2	3
	Nail Nippers, Shears, etc.—			
7541	Nippers	0	4	2
7542	Do. spring, with catch handle, nickel plated	0	3	0
7543	Scissors, Eperle's, with double spring...	0	9	6



7544

7544	Shears, MAW's, with short stout blades, and plated shanks	0	4	6



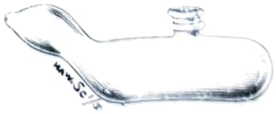
7545



7546

Nasal Douches—

7545	Thudichum's, with red tubing, vulcanite mounts, and metal sinker in cedar box	0	2	10
7546	Weber's, with ball for starting the flow	0	2	8



7547



7548

Surgical Sundries, etc.—*continued.*

No.	**Nasal Irrigators—**	£	*s.*	*d.*
7547	Maw's, aseptic, all glass, in card box	0	0	5
7548	Woake's, glass, with india-rubber nozzle	0	1	2



7549



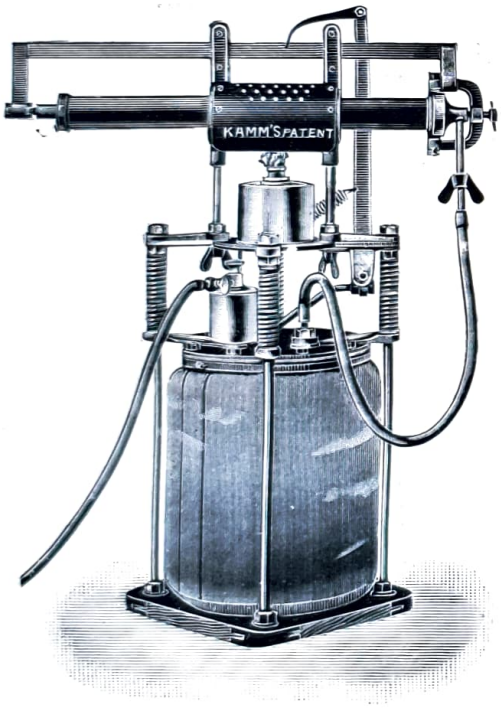
7550



7551

Nasal Syringes—

7549	India-rubber, with straight bone nozzle										1 oz., 1/2; 2 oz.	0	1	6
7550	Lennox Browne's, for posterior nares											0	4	0
7551	Politzer's, with vulcanite nozzle											0	3	6



7552

7552 **Oxygen Generator**, Kamm's patent, with spirit lamp, and one retort, complete in case 7 10 0

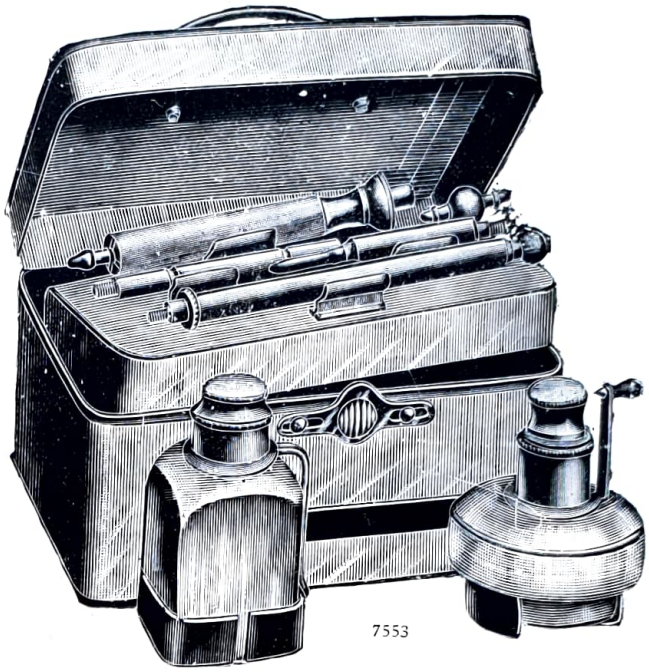
Oxygen Cakes for do., in boxes containing 5 lbs. ... ... per box 0 5 0

One pound of these cakes is sufficient to produce 4 cubic feet of oxygen.

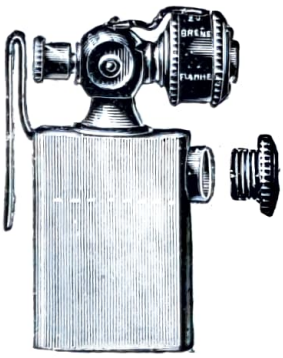
This Oxygen Generator is strictly a portable apparatus, and is contained in a box measuring 12 in. by 15 in. by 23 in.; its weight without the box is 25 lbs. It consists of a retort to contain the chlorate of potash cakes, which is heated by being suspended over a spirit lamp, and a container to hold the gas as it is made. The container is provided with a safety valve and a purifier containing soda-lime powder. When required for use the retort is filled with cakes, and the methylated spirit lamp lighted. The heat causes the cakes to give off oxygen, which, passing into the container, makes it rise, and tilts back the steel lever. As this gas is used, and the container begins to descend, the steel lever is automatically pulled forward by a spring, bringing the retort forward with it, and thus exposing more cakes to the heat of the spirit flame. In this way more gas is generated before the whole of the first is consumed. This consumption of gas, and the production of new gas, are beautifully balanced, and can be continued until the whole of the cakes in the retort have been exhausted. Another retort, if at hand, may then be placed in position, without interrupting the supply of gas, and the use thereof.

The cakes necessary for producing the oxygen gas are very simply made, which is a great advantage to those who cannot obtain them ready made. Four parts of chlorate of potash are mixed with one part of oxide of manganese, the mixture being made just damp enough to hold together, it is then pressed into a mould, supplied with the generator. The cakes as made are laid in a warm place until quite dry, when they are ready for use.

Surgical Sundries, etc.—*continued.*



7553



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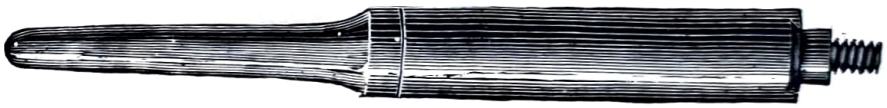
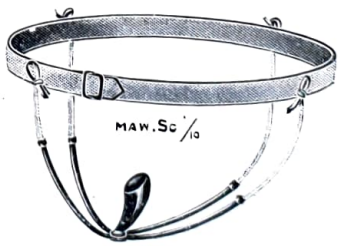
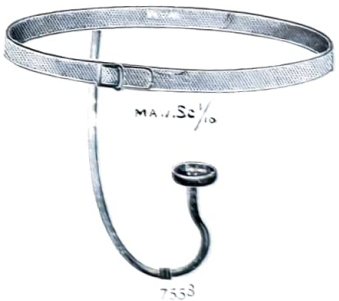


7555

No.	**Paquelin's Cautery**—	£	s.	d.
7553	Large Set, consisting of two platinum burners, spirit lamp, benzoline bottle and bellows, in mahogany or nickel plated metal case	3	0	0
	These sets are now supplied with fine pointed and broad pointed burners, but the button-pointed burner as shewn in the illustration can be supplied instead, if required, at the same price.			
7554	Portable Set, with nickel plated reservoir, one fine pointed platinum burner and bellows, in leather case	1	17	6
7554*a*	Do. do. do. with two platinum burners	2	12	6
7555	Platinum burners ... ...broad, from 20 -; narrow, from	0	15	0



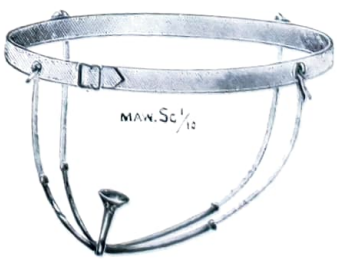
7556



7558

Pessaries, with stems—

7556	Aitken's, with vulcanite or porcelain stem ... ... 7/6 and	0	5	3
7557	Barnes's, with gutta percha stem	0	4	6
7558	Cutter's, with vulcanite stem and india-rubber strap	0	4	6



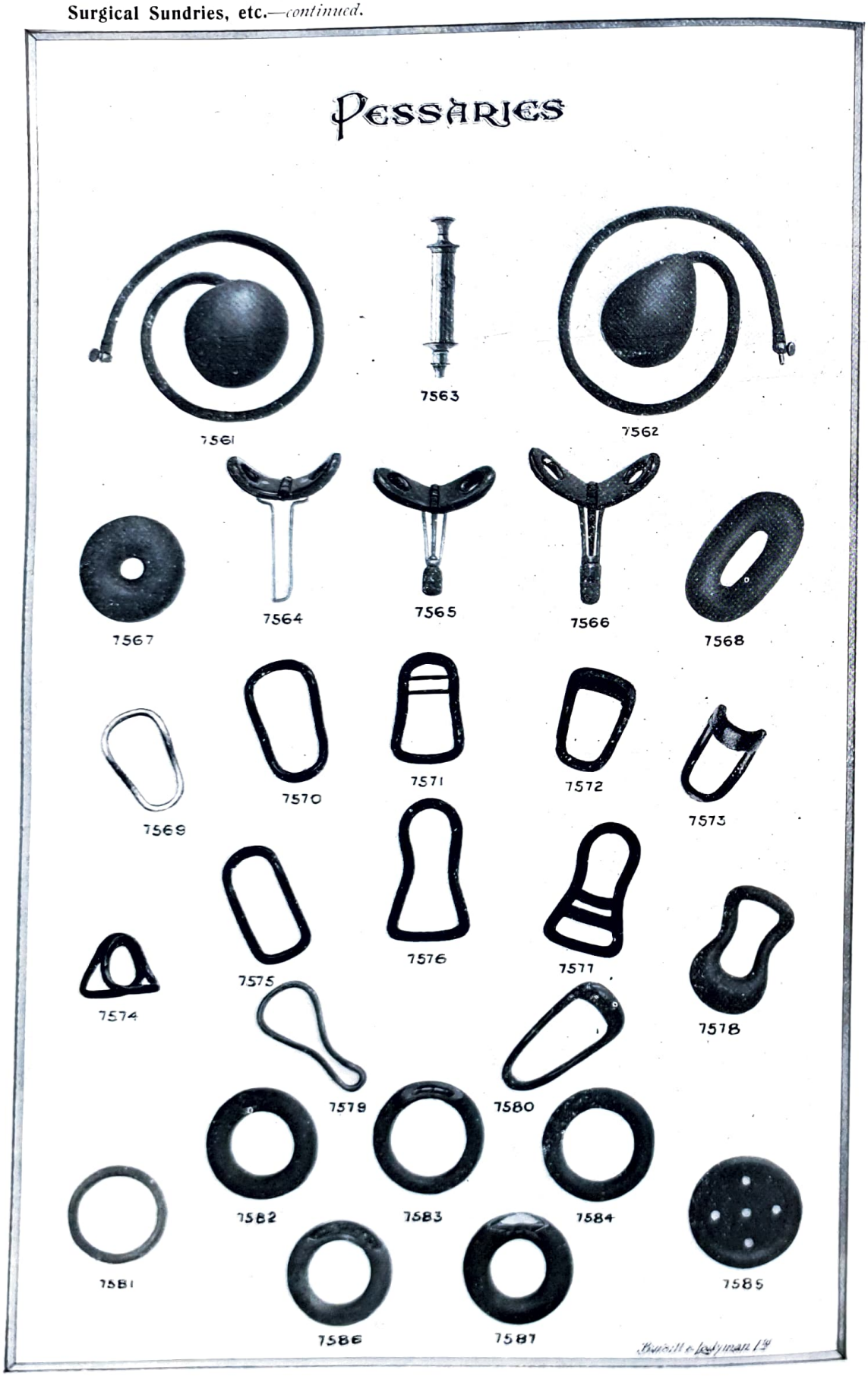
7559



7560

7559	Napier's, with india-rubber stem, 3 sizes ... ... 6/-, 6/6 and	0	7	6
7560	Schofield's, with vulcanite stem	0	7	6
7560*a*	Do. with porcelain stem	0	5	3

Surgical Sundries, etc.—*continued.*



Surgical Sundries, etc.—*continued.*

No.			*£ s. d.*
	Pessaries, various—		
	Ball shape—		
7561	Globular, with tap to inflate, india-rubber, sizes 1–6	per doz.	1 14 0
7562	Pyriform, do. do. do. sizes 1–6	,,	1 14 0
7563	Pump, brass, for inflating the above	,,	1 7 0
7563*a*	Globular, elastic gum, sizes 1–6	,,	0 12 0
7563*b*	Ovoid, do. sizes 1–6	,,	0 12 0
	Butterfly—		
7564	Clement Godson's, with clip wire fastening, sizes 1–6	,,	1 19 0
7565	Schilling's, with screw metal stem, sizes 1–6	,,	1 8 0
7566	Zwanck's, with screw vulcanite stem, sizes 1–6	,,	1 7 0
	All Butterfly Pessaries are exceedingly fragile in that the slightest overturning of the screw will cause a fracture of the side arms. No claim for breakage can be entertained after they have been sent out.		
	Circular and Oval—		
7567	Circular, india-rubber, inflated, sizes 1–6	per doz.	0 16 0
7568	Oval do. do. sizes 1–6	,,	0 16 0
	Cradle—		
7569	Hodge's, aluminium, sizes 3–5	,,	0 12 0
7569*a*	Do. india-rubber, sizes 1–8	,,	0 9 0
7569*b*	Do. india-rubber, with watch spring, sizes 1–6	,,	0 19 0
7569*c*	Do. malleable metal, sizes 1–6	,,	0 16 0
7570	Do. vulcanite, sizes 1–8...	,,	0 10 0
7571	Do. do. with bars, sizes 1–6	,,	0 14 6
7572	Galabin's, for prolapse, vulcanite, sizes 3–6	,,	0 18 0
7573	Do. for anteversion, vulcanite, sizes 3–6	,,	1 0 0
7574	Hewitt's, vulcanite, sizes 1–3	,,	1 10 0
7575	Hodge's, modified by Galabin, vulcanite, sizes 1–6	,,	0 7 6
7576	Greenhalgh's, malleable, covered with india-rubber, sizes 1–6	,,	0 10 0
7577	Do. do. with 1 or 2 bars, sizes 1–6	,,	0 12 9
7578	Do. do. with cushion pad filled with combination fluid or gelatine, sizes 1–6	per doz.	1 7 0
7579	Smith's, vulcanite, sizes 4–6	,,	0 18 0
7580	Thomas's, vulcanite, sizes 4–6	,,	1 1 0
	Ring—		
7581	Hewitt's, malleable metal, covered with india-rubber, sizes 1–8	,,	0 9 0
7581*a*	Do. vulcanite, plain, sizes 1–8	,,	0 10 0
7582	Meyer's, solid india-rubber	,,	0 16 0
7583	Watch spring, thin, covered with india-rubber	,,	0 15 0
7584	Do. thick do. do.	,,	0 18 0
7585	Do. thin, with perforated india-rubber diaphragm	,,	0 18 9
7586	Do. filled with patent combination fluid or gelatine	,,	1 7 0
7587	Do. filled with cotton wool, sizes 1–6	,,	1 7 0

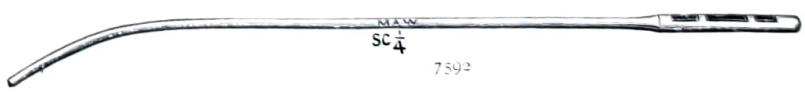
All Ring Pessaries, except where otherwise stated, are made in 12 sizes, ranging from 2 in. diameter (No. 1) to 3¾ in. diameter (No. 12), each size increasing by ¼ in.
Special sizes can be made to order.



7589

Pinch-cocks, for use with India-rubber Tubing, etc.—

7588	Spring Wire, nickel plated, for irrigators, etc., 3 sizes	per doz.	0 6 6
7589	Do. do. small size, for catheters...	,,	0 6 0



7592



7591



7593

7590	**Radium,** in sealed tubes	*Price on application.*

Radium Applicators, etc.—

7591	Adjustable ebonite holder with auxiliary handle for the mouth and throat	0 7 0
7592	Flexible Probe or Sound with chamber in handle	0 7 6
7593	Sphinthariscope, Crook's, complete in leather case	1 1 0

Surgical Sundries, etc.—*continued.*

No.		£	*s.*	*d.*
	Respirators, for Factory use, to protect Mouth and Nose from dust—			
7594	"Crinoline," with malleable wire frame	0	1	4
7595	"Dust-Proof," aluminium gauze, with malleable wire frame, for cotton wool	0	2	8
	Serums—			
7596	Antidiphtheritic, "Welcome" brand ... per 2,000 units	0	2	6
7597	Antistreptococic, in sealed vials ... per 10 c.c.	0	2	6
7598	Antitetanic, in sealed vials ... ,, ,, ,,	0	6	0
	Soloids, for making Antiseptic Solutions, etc. (B. W. & Co.)—			
7599	Bimodide of Mercury, in bottles containing 25 ... per bottle	0	1	6
7600	Carbolic acid, in tubes containing 6 ... per tube	0	0	6
7601	Perchloride of Mercury, in bottles containing 25 ... per bottle	0	0	6
7602	Permanganate of Potash, in bottles containing 25 ... per doz. bottles	0	4	6



7603

7603 **Sinus or Ear Pipe,** india-rubber ... 0 0 4



7604

7604 **Sinus Syringe,** Gowlland's, plated ... 0 7 6

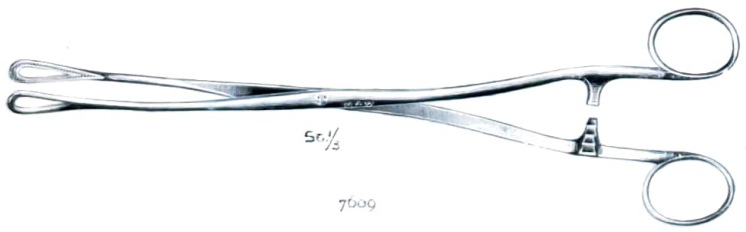


7605 7606 7607 7608

Spitting Flasks—

7605	Dettweiler's, blue glass, with nickel plated spring lid and screw cap, $4\frac{1}{2}$ in. by 3 in. ...	0	2	1
7606	Do. do. do. do. $3\frac{1}{2}$ in. by $1\frac{1}{2}$ in. ...	0	2	1
7607	Blue glass, with nickel plated spring lid, $3\frac{1}{2}$ in. by $1\frac{1}{2}$ in. ...	0	1	8
7608	Blue glass, with metal screw cap, common quality ...	0	0	8

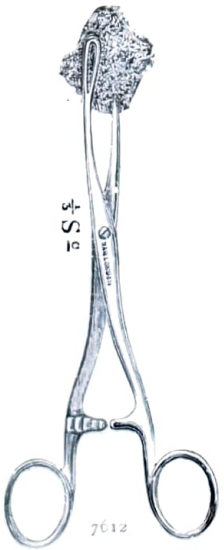
The above Flasks are of foreign manufacture, and cannot, therefore be repaired when broken or out of order



7609



7611



7612

Sponge Forceps—

7609	With oval serrated blades, screw joint ... 6 in., 8 6; 10 in.	0	10	0
7610	Do. do. disjointing ... 6 in., 10 6; 10 in.	0	12	0
7611	With large round blades, disjointing, 6 in. ...	0	12	0
7612	With oval, smooth blades, 7 in., screw joint ...	0	8	6
7613	Do. do. 7 in., disjointing ...	0	9	6

Surgical Sundries, etc.—*continued.*



7614



7615



7617



7618

No.		£	*s.*	*d.*
	Sponge Holders—			
7614	Wire, straight	0	1	6
7615	Do. curved	0	1	6
7616	Stout, nickel plated, straight, 2 prong	0	2	0
7617	Do. do. do. 3 prong	0	2	0
7618	Do. do. curved, 2 prong	0	2	0
7619	Do. do. do. 3 prong	0	2	0
	Stop-cocks—			
7620	Vulcanite, best English make	0	1	3
7621	Do. with metal push-over tap	0	0	7
7622	Do. with thread at each end, best English make	0	2	0

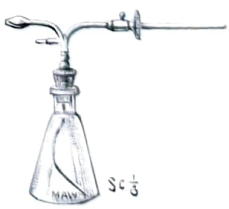


7623

7623 **Thermal Air Chamber,** for the local application of superheated air, in rheumatic and other affections of the joints, etc. 5 15 6



7624



7625

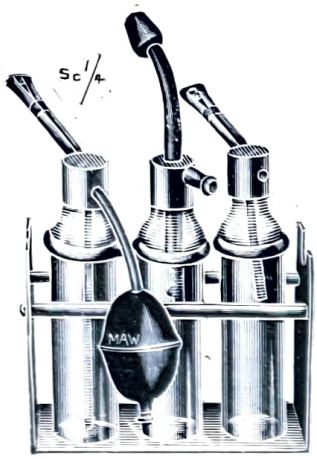


7626

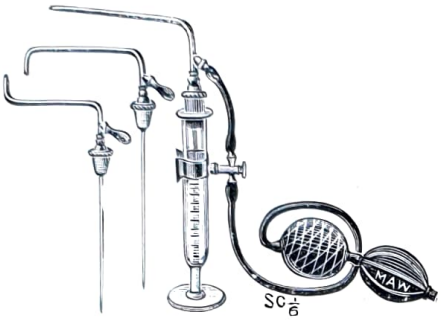
Throat and Nose Sprays, etc.—

7624	"Cloudiser," nickel plated, for nose, fitted with single white bellows	0	1	8
7625	Combined Laryngeal and Post-nasal Spray, with revolving tube, to spray either upwards or downwards, complete with bellows	0	6	6
7626	Double Nose Spray, Cohnstaedt's, for heavy solutions, etc., complete, with bellows	0	2	6

Surgical Sundries, etc.—*continued.*

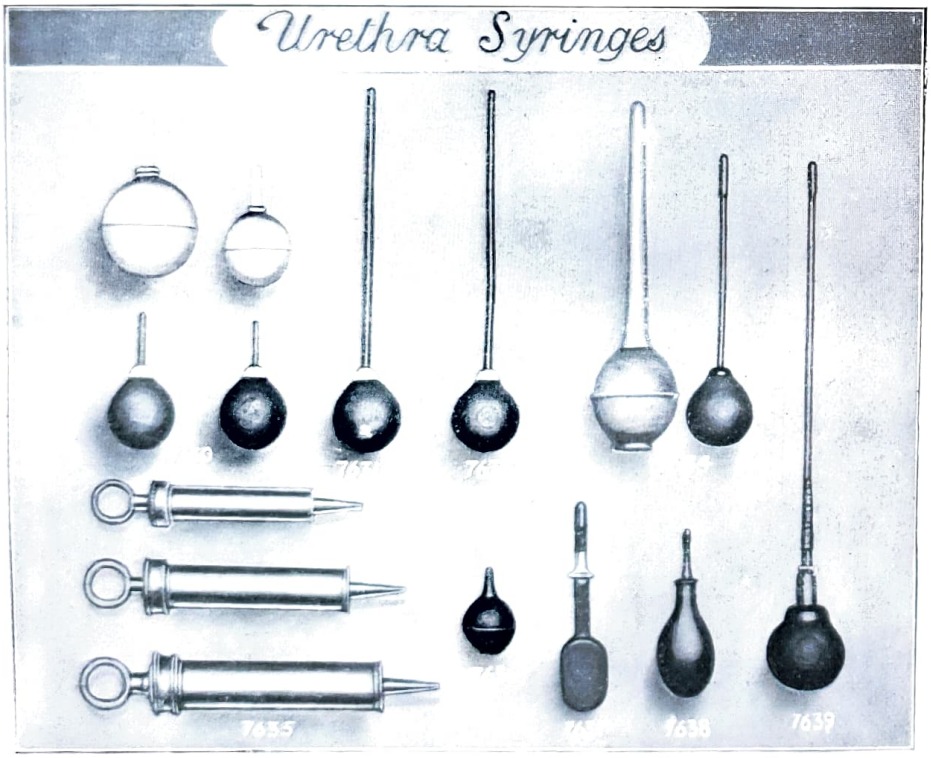


7627



7628

No.	**Throat and Nose Sprays, etc.**—*continued.*	*£*	*s.*	*d.*
7627	De Vilbiss's, set of 3, consisting of Atomiser for liquids or oily solutions; Nebuliser for nose; and Powder Blower with revolving points, complete, with bellows, in nickel plated stand	0	13	6
7628	Stop Spray (patent), with 3 separate metal tubes for throat, nose and larynx, complete, with double bellows	0	11	9



Urethra Syringes—

7629	Grey Ball, with bone pipe, 2 sizes ... ... per doz. ½ oz., 4 – ; 1 oz.	0	7	0
7630	Green Ball, with short elastic gum pipe, ½ oz., in boxwood case	0	1	4
7631	Do. do. with long elastic gum pipe, ½ oz., in boxwood case	0	2	3
7632	Do. do. with long perforated elastic gum pipe	0	1	3
7633	Guyon's, with silk web pipe	0	7	0
7634	Durham's, ½ oz., with vulcanite pipe, in boxwood case	0	2	6
7635	Pewter, 4 sizes ... ... ½ oz. – 5; ½ oz. – 7; 1 oz. – 9; 2 oz.	0	1	8
7636	Registered, india-rubber, moulded in one piece, ½ oz. ... ... per doz.	0	5	3
7637	Squire's, india-rubber, with glass pipe and india-rubber cap	0	1	8
7638	"Stella," india-rubber, with vulcanite pipe	0	0	10
7639	Trevan's, india-rubber, with long elastic gum reverse current pipe	0	2	8

Surgical Sundries, etc.—*continued.*

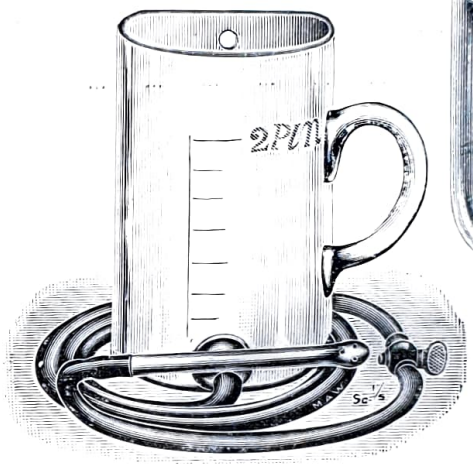


7640



7641

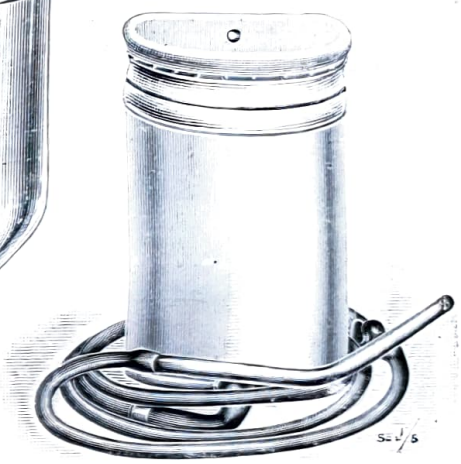
No.	**Urethra Syringes**—*continued.*	£	*s.*	*d*
7640	Adams's, in amber glass bottle, with india-rubber cork ... ... per doz.	0	9	0
7641	Herring's, aseptic, fitted to test tube, with india-rubber bung and wire holder ,,	0	12	0
7642	Herring's set of apparatus for sterilisation of urethral injections, consisting of glass syringe No. 7641, spare test tube, spirit lamp, test tube holder, and small jar for wool soaked in biniodide of mercury, in strong card box, with spaces for bottles containing injections ...	0	3	6



7643



7644



7645

Vaginal Douches—

7643	"Alexandra," glass, 2 pint, fitted with 6 ft. of white india-rubber tubing and glass pipe ...	0	5	6
7644	"Aseptic," glass, with tapering end, fitted with 6 ft. of white india-rubber tubing, glass pipe and vulcanite stop-cock; 2 sizes ... ... 1 qt., 4/-; 2 qt.	0	5	6
7645	"Chinetta," earthenware, fitted as No. 7644; 2 sizes ... ... 1 qt., 3/3; 2 qt.	0	3	6



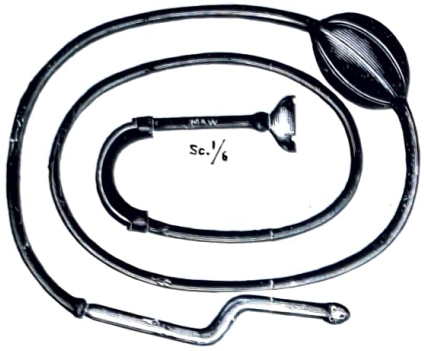
7646



7647

7646	"Eclipse," bronzed tin, superior quality, fitted with 6 ft. of best red india-rubber tubing, vulcanite stop-cock, elastic gum vaginal pipe, leather shield and bone rectum pipe, 2 sizes; 1 qt., 6/6; 2 qt.	0	7	6
7647	Macnaughten Jones's, green, fitted with 6 ft. of best red india-rubber tubing, plated stop-cock and plated metal vaginal pipe	0	15	0

Surgical Sundries, etc.—*continued.*



7648

No.		£	*s.*	*d*
7648	**Vaginal Syphon Douche,** Rotunda Hospital pattern, consisting of 7 ft. of best black india-rubber tubing with ball, glass sinker, vulcanite U-piece, and bent glass vaginal pipe, complete in sponge bag	0	6	6



7649



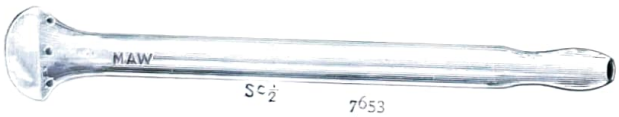
7650



7652

Vaginal Pipes, glass—

7649	Adams's	per doz.	0	12	0
7650	Curved, with tap	,, ,,	0	10	0
7651	Bulbous, straight, 2 sizes	per doz., 9 in., 4/–; 5 in.	0	3	0
7652	Do. curved, 2 sizes	,, ,, 9 in., 4/6; 5 in.	0	3	3



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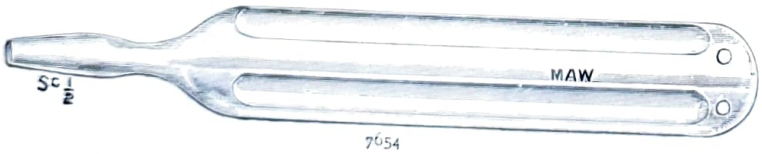


7654

7653	Bulbous, with holes on under surface of the shoulder, so as to direct the current backwards ... each	0	0	6
7654	Hewitt's, with grooves for return flow ... ... ,,	0	1	6



7655

Wound Syringes—

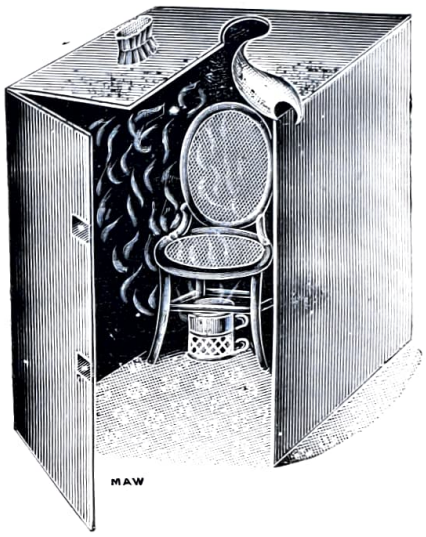
7655	India-rubber, Higginson's, black, with glass pipe	0	2	0
7656	Do. do. arabesque, for hot climates	0	3	6

Surgical Sundries, etc.—*continued.*



7657

No.	**Wound Syringes**—*continued.*	£ s. d.
7657	Glass, 2 oz. ... ... per doz.	0 7 6



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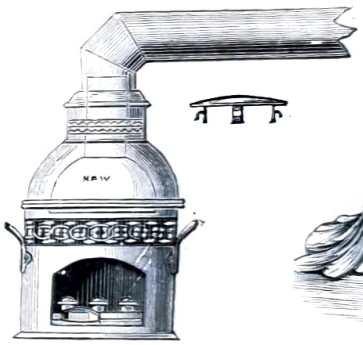
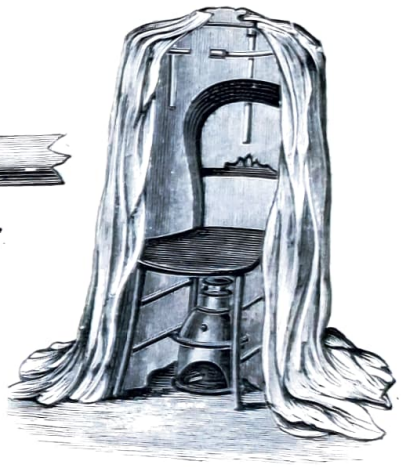


7659



7660

No.		£ s. d.
7658	**Vapour (or Turkish) Bath,** "The Harrogate," for home use, with folding cabinet	0 15 0
7659	**Vapour and Hot Air Bath**	1 10 0
7659*a*	Do. do. with foot-plate and two wicker frames for raising the bed-clothes, complete in box...	2 5 0
7660	Do. do. with cloak and supports for use with chair	2 10 0
	Water Beds, india-rubber—	
7661	Corrugated, 72 in. by 36 in.	8 11 0
7662	Flat, 6 sizes ... ... 30 in. by 24 in., 31/-; 36 in. by 24 in., 40/-; 36 in. by 36 in., 63/-; 48 in. by 36 in., 74/3; 72 in. by 30 in., 93/3; 72 in. by 36 in.	5 5 0
7663	Do. with central funnel, 72 in. by 36 in....	5 12 0
	Water Pillows, india-rubber—	
7664	Square, 7 sizes ... ... 18 in. by 15 in., 10/6; 18 in. by 18 in., 11/6; 20 in. by 18 in., 13/-; 22 in. by 18 in., 13/10; 24 in. by 18 in., 14/3; 26 in. by 18 in., 15/9; 28 in. by 18 in.	0 16 9

DISPENSARY REQUISITES.



1423 1424 1425 1426 1428

No. **Bottles, etc.—**

1423 Vials, moulded, white flint, best quality, long, from 1 dr. to 8 oz. ... ...
1424 Do. do. do. medium, do. 2 dr. to 4 oz. ... ...
1425 Do. do. do. short, do. 1 dr. to 4 oz. ... ...
1426 Do. do. second quality, French, with round shoulder, from 1 dr. to 20 oz. ... ...
1428 Do. moulded, white, graduated to tea spoons, 4 sizes, 1 oz., 1½ oz., 2 oz. and 3 oz. ... ...

Prices on application.



1273 1274 1275

1273 Best green or white flint, flat, with trade mark either SUPER. or 2. various sizes ... ...
1274 Do. do. oval, with trade marks as above, various sizes ... ...
1275 Do. flint, direct square, with trade mark, various sizes ... ...

Prices on application.



1356 1353 1354 1386

L 5.

1356 Poison, wide mouth, hexagon, plain ... ...
Do. do. do. fitted with box-wood topped corks ... ...
Do. wide mouth, hexagon, stoppered with actinic stoppers ... ...
1353 Do. flat, fluted (as illustration), dark blue or actinic green ...
1354 Do. hexagon do. do. do. ...
1386 Do. round, fluted, with stopper and smooth oblong space for labelling... ... ...

½ oz., 1 oz. and 2 oz.

various sizes.

Prices on application.

Dispensary Requisites—*continued.*



L1.

1382



L2.

1383



L3.

1384

No. **Bottles, etc.**—*continued.*

1382 Round, with stopper, white or dark blue, narrow mouth, various sizes
1383 Do. do. white, with recess label, various sizes ... ...
1384 Do. do. white or dark blue, wide mouth, various sizes ...

Prices on application.



L4.

1385



L6.

1387



L8.

1389

1385 Ether, stoppered and capped, white glass, various sizes ... ...
1387 Oil, white glass, with glass cap, various sizes ... ...
1389 Syrup, with plug stopper, white glass, 3 sizes, 20 oz., 30 oz. and 40 oz.

Prices on application.

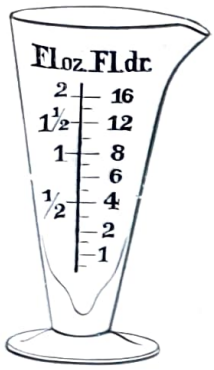
The figures under the bottles (No. 1383 excepted) refer to the Bottles unlabelled, and the numbers L1, etc., etc., to the types of Labels.

Labelling for Bottles—

L1 and L3. Gold curved bands, with roman letters and sienna borders.
L2. Recess rounds, as No. 1383.
L2. Imitation recess; black letters on white enamelled ground, with burnished gold border.
L4. Shield shape; gold ground, with red and black border.
L6. Corbyn shape.
L8. Shield shape; gold ground, with red line.

Any other form of labelling can be supplied. Prices and designs will be sent on application.

Dispensary Requisites—*continued.*



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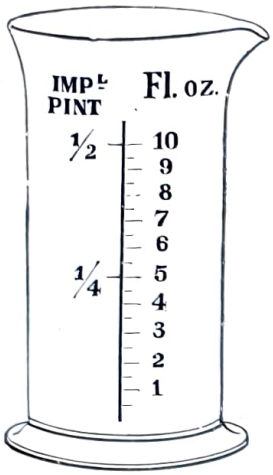
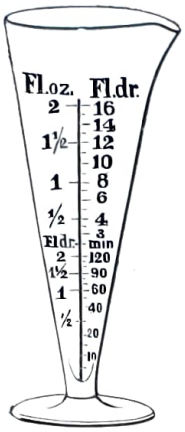


2160



2169

No. **Glass Measures,** graduated—

2158 Conical, with cup bottom, best quality, specially annealed ... ...
2160 Cylindrical, best quality, specially annealed ... ...
Sizes of Nos. 2158 and 2160 are from 1 oz. to 40 oz.
2169 Minim measure, conical, best quality, 2 oz., graduated to 120 m. and to 16 dr.

Prices on application.



1942



1940



1944

Mortars and Pestles—

1942 Glass, from 2 oz. to 40 oz. ... ...
1940 Composition, from 2 oz. to 13 pts. ... ...
1944 Porcelain, 2 sizes, 12 and 16 oz. ... ...

Prices on application.



1471



1472



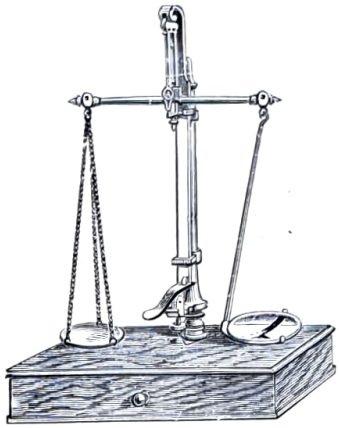
1473

Funnels—

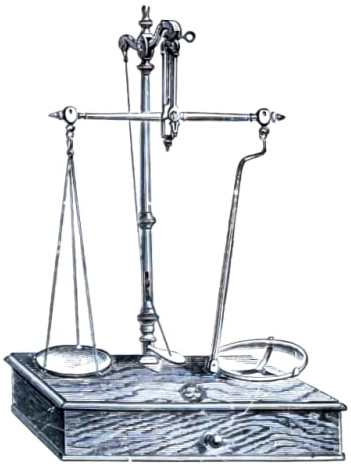
1471 Composition, from 1 oz. to 12 pts. ... ...
1472 Glass, for rapid filtration, from 2 oz. to 10 pints. ... ...
1473 Glass, fluted, from 1 oz. to 9 pints. ... ...
Iron, enamelled, from 3 oz. to 9 pts. ... ...

Prices on application.

Dispensary Requisites—



1919

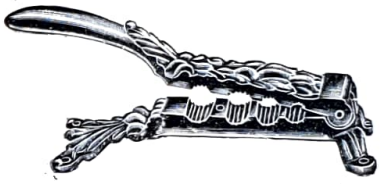


1917

No. **Scales—**

1919 Brass, with sliding pillar and extra glass pan; size of stand, 10 by 7 in.; total height, 13½ in.; diameter of pan, 2¾ in. ... ... } *Prices on application*

1917 Brass or nickel plated, with extra glass pan; size of stand, 10 by 5½ in.; total height, 15 in.; diameter of pan, 2¾ in. ... ... }



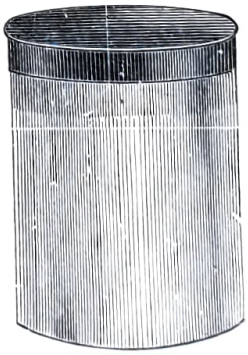
1893



1952

1893 **Cork Pressers,** bronzed or japanned ... ... } *Prices on application.*

1952 **Label Damper,** with felt pad ... ... }



1465



1464



1466

Ointment Jars—

1465 Brown, with japanned tin cover ... ... from 4 oz. to 6 lbs. capacity } *Prices on application.*

1464 Plain, white or blue earthenware ... ... ,, 4 oz. ,, 6 lbs. ,,

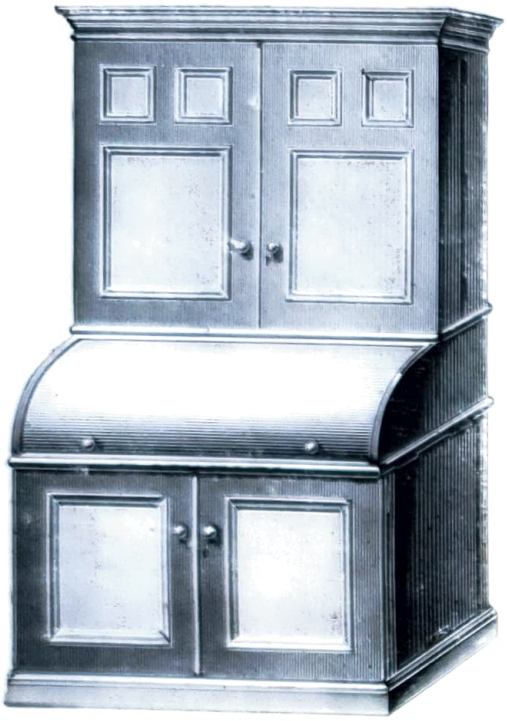
1466 White, with japanned tin cover ... ... ,, 4 oz. ,, 6 lbs. ,,



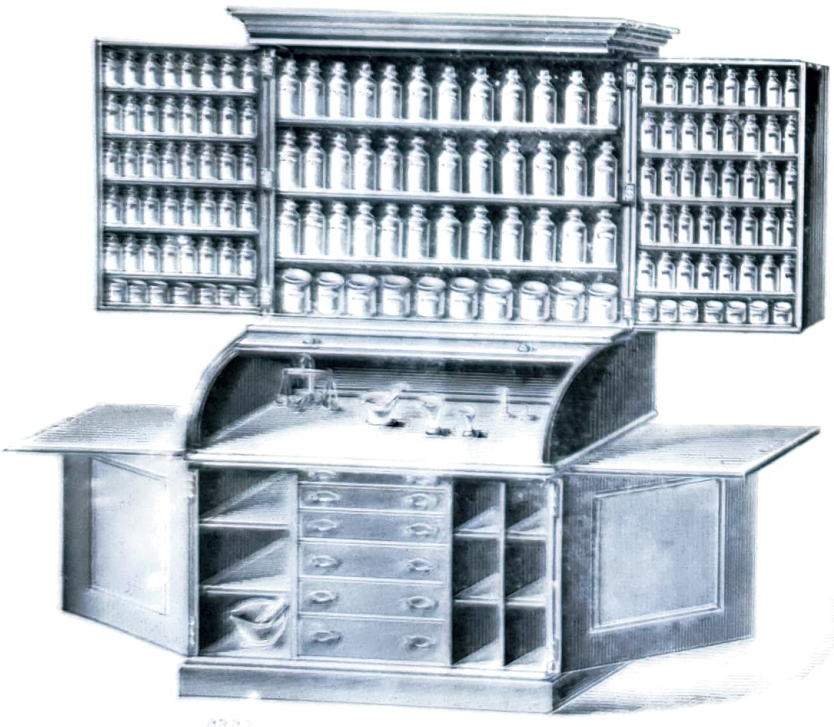


Name Plates, brass —
Designs and estimates submitted on receipt of particulars.

Dispensary Requisites—*continued.*



2725 (CLOSED.)



No. 2723 (OPEN.)

2723 **Dispensing Cabinet.**

The lower part fitted with drawers, shelving and pigeon holes, enclosed with two doors; upper part with shelving for bottles and jars, with guard rails to the hinged compartments. Cylinder fall fronts, and flap at each end forming counter when open.

The fittings of this Cabinet include 2 8-oz. and 36 2-oz. stoppered bottles, 12 4-oz. and 12 1-lb. Stoneware jars, all labelled in gold; one pair pillar scales and weights, 2 compo. mortars, and a measure.

Price on application.

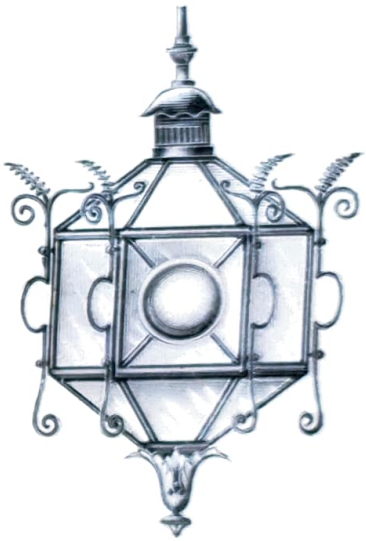
Dispensary Requisites—*continued.*



2804



2796



2802

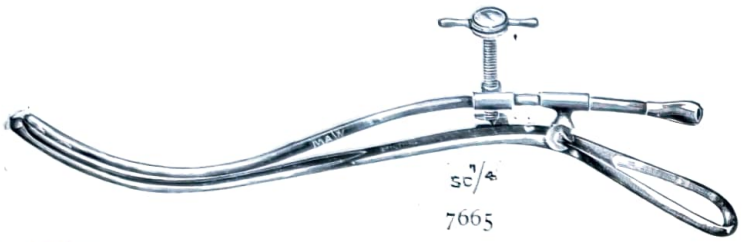


2800

No.	**Lamps,** for Surgery Door, etc.—	
2804	Coloured glass, with two solid ruby lenses on ornamental cast-iron pillar, 9 ft. high	
2796	Coloured glass on three sides, with embossed lettering, on wrought-iron ornamental bracket, 3 ft. long	*Prices on application.*
2802	Wrought-iron frame, glazed with mottled ruby and green glass, with two solid ruby lenses, two sizes, 15 in. and 18 in.	
2800	Glazed in eight sections with coloured glass, and mounted on dwarf cast-iron pillar, 28 in. high	

The numbers on pages 498 to 503 are taken from the Chemists' Catalogue of 1903.

ADDENDA.



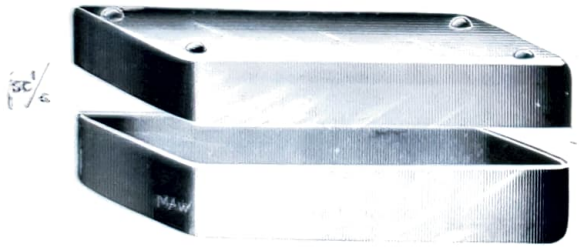
7665

No.	**Uterine Dilator**—	*£*	*s.*	*d.*
7665	Reverdin's, for flushing and dilating simultaneously	0	14	0



7666

7666	**Prostate Retractor**, Young's	0	15	0



7667

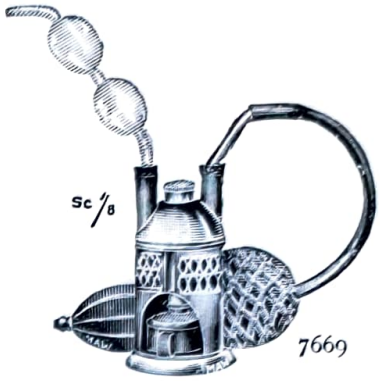
7667	**Instrument Box**, seamless, nickel plated—			
	a 10 in. by 5¼ in. by 2 in.	0	15	0
	b 9 in. by 4⅝ in. by 2 in.	0	13	6
	c 8 in. by 4 in. by 1½ in.	0	11	0
	d 7 in. by 3 in. by 1¼ in.	0	7	6



7668

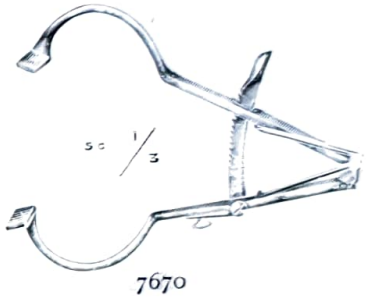
7668	**Needle Case**, nickel plated, with metal winder for suture materials	0	4	0

Addenda—*continued.*



7669

No.		*£ s. d.*
7669	**Kelvoline Vaporiser,** Stuart Low's	0 15 0



7670

7670	**Flemming's Improved Automatic Retractor**	0 12 9
7671	**The "York Road" Midwives' Bag** (approved by the Midwives' Board) The above Bag contains:—Syphon douche in sponge bag, Higginson's syringe with anchor valve and glass rectal pipe in sponge bag, Jaques's india-rubber catheter, scissor (aseptic), clinical thermometer, collapsible tube containing carbolic vaseline, bottle containing perchloride of mercury soloids, bottle of boric acid crystals, bottle containing carbolic acid soloids, bottle engraved "Olive Oil," bottle engraved "Ergot," bottle engraved "Castor Oil," bottle engraved "Salvolatile," metal puff box with puff, metal box containing nail brush and soap, metal box containing cyanide gauze for dressing the cord, waterproof bag for wool, metal box containing binder pins and needles, bath thermometer in metal box, kidney-shaped dressing tray, batiste (1 yard), bottle containing thread and probe...	2 13 6



7672

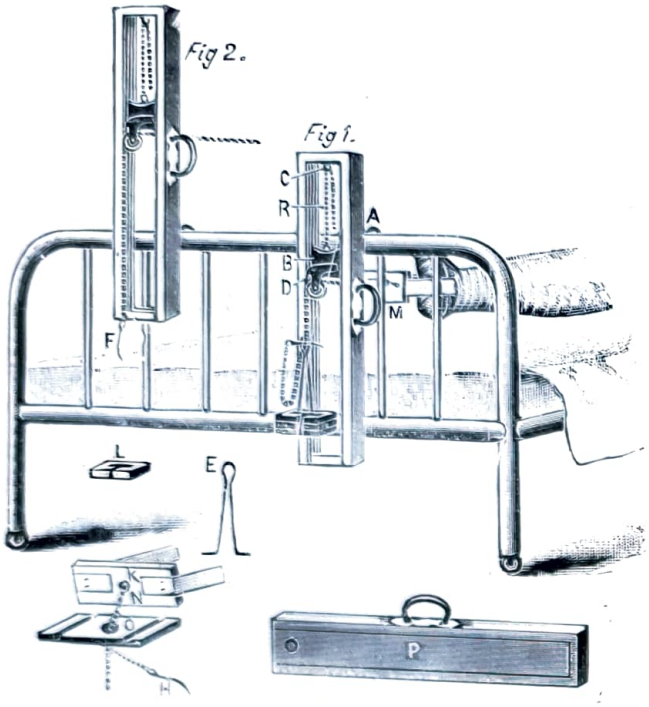
7672	**Urine Segregator,** Dr. Cathelin's, for dividing the bladder into two parts, so that the urine from either kidney can be separately drawn off... ... ... *See* "British Medical Journal," July 4, 1903.	9 9 0



7673

7673	**Dressing Bowl,** heart shape, clear crystal glass; 3 sizes, 5¼ in., 1/-; 7¼ in., 1 6; 8¾ in.	0 2 0
	Urethra Dilator, Kollmann's, 4 bladed—	
7674	Straight, short model, for anterior urethra	3 5 0
7675	Do. long model, for posterior urethra	3 10 0
7676	Curved, for posterior and anterior urethra, with arrangement for flushing ...	5 15 0

Addenda—*continued.*

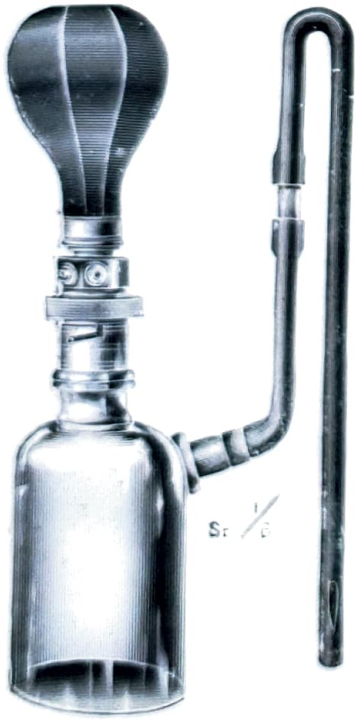


7677

No.		£ s. a.
7677	**Extension Apparatus.** "The Gorham" patent, complete, with pulleys, cords and weights (10 lbs.)	1 1 0

The above apparatus has been devised with a view to supplying a reliable extension, which can be packed in a small space and readily carried from place to place. The box in which it is contained measures only 32 in. by 2 in. by 5 in., and forms not the least important part of the apparatus when in use, as will be seen from the above illustration.

Descriptive Booklet will be sent on application.

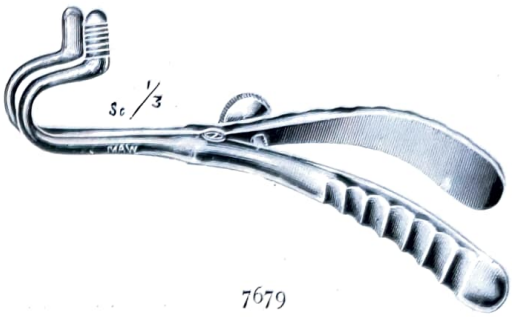


7678

7678 **Apparatus for Aspiration of the Gastric Juice and simultaneous insufflation of the Stomach,** by Dr. KUSNAT, of Kissingen ... 1 15 0

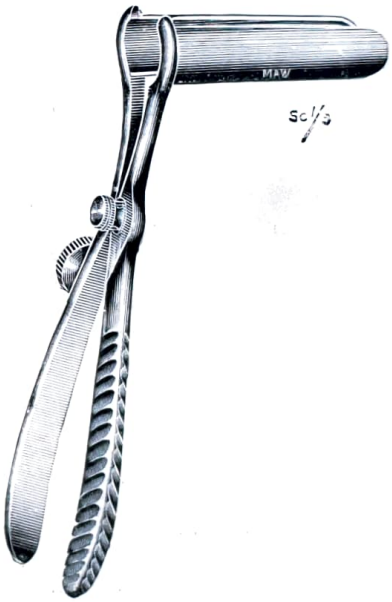
See "British Medical Journal," April 25, 1908.

Addenda—*continued.*



7679

No.		*£ s. d.*
7679	**Gag,** Theodore Burns's, with bowed Handle and Ackland's parallel blades ...	0 15 0



7680



7681

Rectum Specula—

7680	Bodenhamer's, bivalve, disjointing	0 14 6
7681	Sims's, fenestrated, do. do.	0 15 0



7682



7683

Mastoid Instruments—

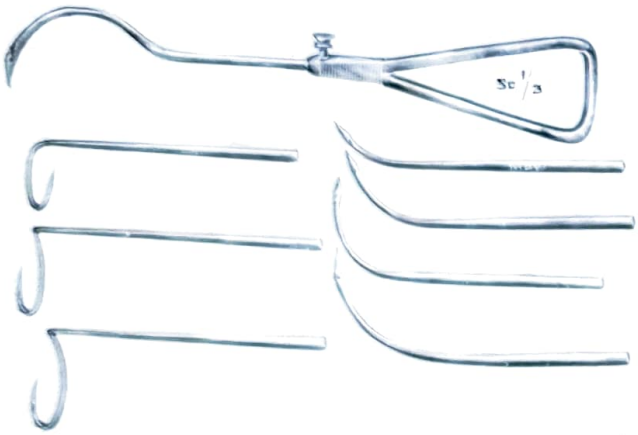
7682	Retractor, double ended, Charles Heath's	0 7 9
7683	Skin Elevator, do. do.	0 6 0

Addenda—*continued.*

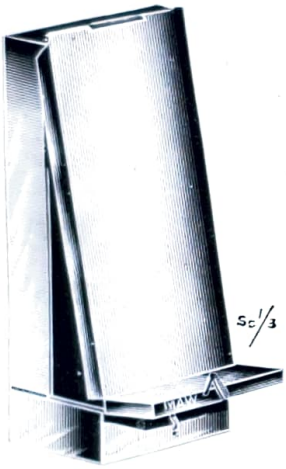


7684

No.		*£*	*s.*	*d.*
7684	**Operating Ear Speculum**, with lens, 3 sizes... ... ... each	0	10	0



7685



7686

7685	**Perinæum Needles**, set of 8, fitting one handle	1	5	0
7686	Do. do. do. in aluminium case...	1	8	0
7687	**Laryngoscope Mirror**, Jobson Horne's, with head band	0	18	6
7688	**Laryngeal Forceps**, Dundas Grant's, for removing growth	0	19	0
7689	**Cleft Palate Raspatories**, Lane's ... ... per set of 4	0	18	0
7690	**Intubation Set**, new model, with combined introducer and extractor, mouth gag and 6 gilt tubes with obturators, complete in aseptic metal case... ...	3	15	0