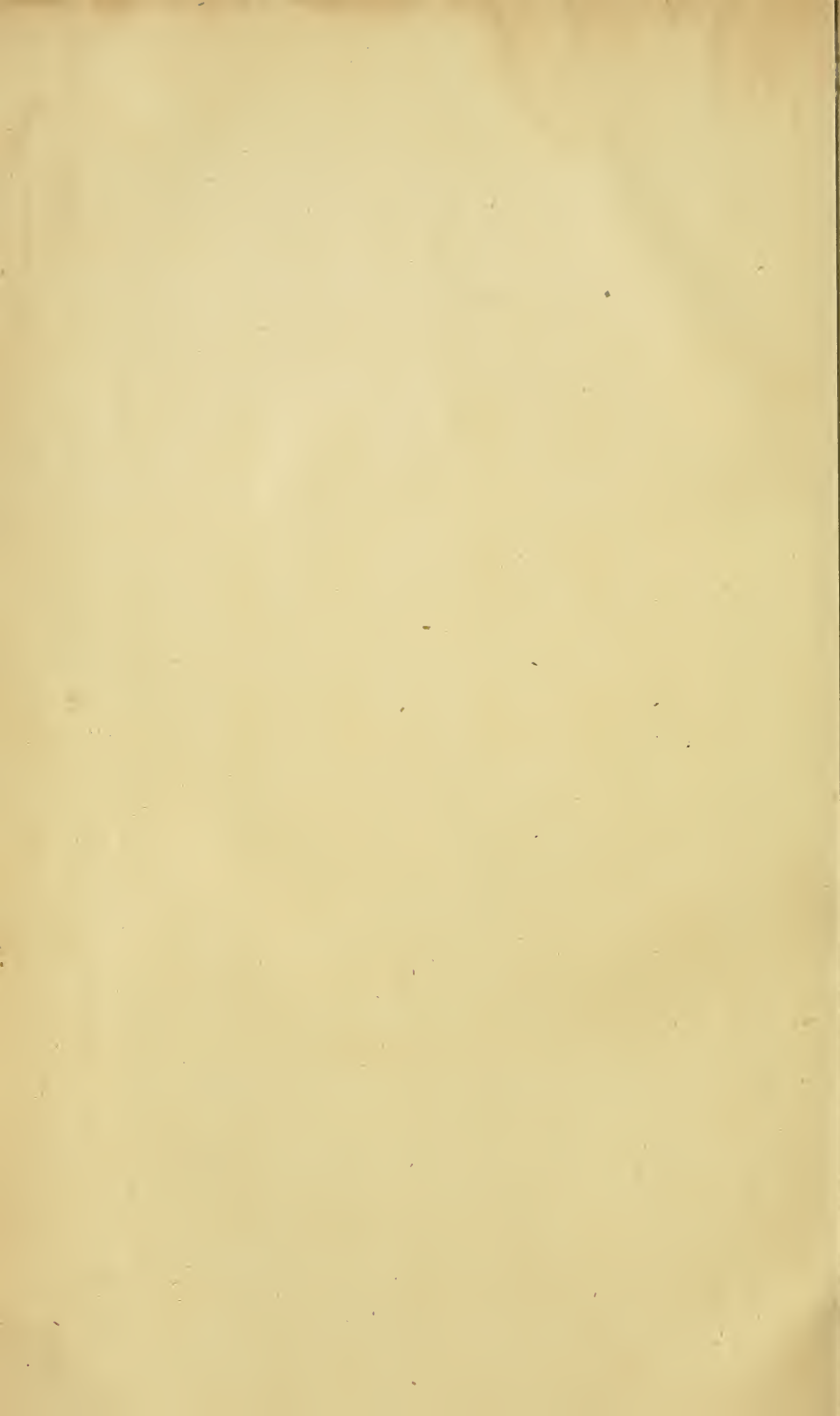




ARNOLD & SONS
INSTRUMENT CATALOGUE
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A CATALOGUE
OF
SURGICAL INSTRUMENTS



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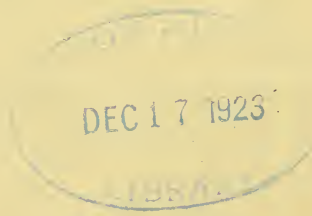
INSTRUMENT MAKERS BY APPOINTMENT TO
Her Majesty's Government; St. Bartholomew's Hospital; The
Great Northern Hospital; The Royal Veterinary
College; The Seamen's Hospital, &c.

35 & 36, WEST SMITHFIELD, LONDON.

1873.

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PREFACE.

ARNOLD AND SONS in presenting to the Profession the New Edition of their Illustrated Catalogue of Surgical Instruments and appliances, take the opportunity of tendering their thanks for the liberal support they have received during the last sixty years, and trust that by still continuing to produce Instruments, &c., of the very best construction, quality and finish, to merit a continuance of that patronage hitherto accorded them.

All Instruments are manufactured on the premises under Arnold and Sons' *personal* superintendence, thus enabling them to *guarantee* the quality of every article purchased.

The prices affixed are extremely moderate taking into account the superior workmanship, and will bear a favourable comparison with other published lists; if, in some few cases they be slightly in excess, it is because it is found to be impossible to produce Instruments at a lower rate, if the quality be *guaranteed*.

Arnold and Sons have for some years made Orthopædic Instruments their *specialité*, and have devoted considerable time and attention to the production of appliances, remarkable not only for their effective ingenuity, but also for their extreme lightness, the latter quality being so highly essential in all cases requiring mechanical assistance.

Orders from abroad must either be accompanied by a

remittance or an order for payment in London, and Arnold and Sons request that, when orders are sent through an agent, it be distinctly stated that the Instruments are to be obtained *direct* from them, as many articles of inferior quality are frequently represented as their manufacture.

Every instrument is stamped "Arnold and Sons, London."

Arnold and Sons, for the convenience of their friends, have made special arrangements with the various firms mentioned at the end of catalogue to supply articles at manufacturers' prices; and any goods not enumerated in this Catalogue required by customers abroad will be procured for them, on advantageous terms, a commission of five per cent. on the amount expended being the sole charge.

Satisfactory London references required previous to opening new accounts. Cheques to be crossed Bank of England, and Post-Office Orders to be made payable at Chief Office.

35 & 36, WEST SMITHFIELD,
LONDON, E.C.

January, 1873.

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BOSTON MASS
DEC 17 1923

A CATALOGUE OF SURGICAL INSTRUMENTS.



ARNOLD & SONS' SURGICAL BAG
REGISTERED,
AS SUGGESTED BY MR. BARNARD HOLT.

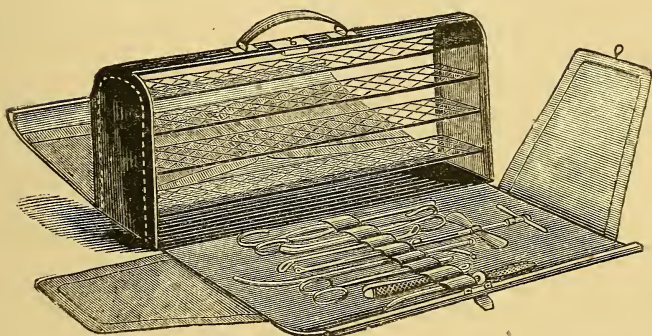


FIG. 1.



FIG. 2.

The surgical bag as Fig. 1 open, which shows a series of wire trays fitted in the central portion of the bag for cases, &c., and the two

sides or flaps, with loops for lithotrites, catheters, &c. The bag contains—(1) A case containing two amputating knives, butcher's amputating saw, and catlin. (2) A case containing three scalpels, two curved bistouries, a hernia knife, two lithotomy knives, two harelip or tenotomy knives, probe, sharp-pointed pair of scissors, pair of artery forceps or tenaculum, pair of spring forceps, aneurism, needle, double hook, and hernia director. (3) A case containing three cataract knives, Tyrrell's hook, four needles, silver curette and hook, Adams' eyelid retractor, set of Bowman's probes, Critchett's fine groove director, pair of cilia forceps, pair of iris forceps, and two pairs of scissors. (4) Case containing complete set of Holt's dilators. (5) Tonsil guillotine in case. (6) Ophthalmoscope and laryngoscope combined in case. (7) A pocket case containing gum lancet, Syme's knife, finger knife, scalpel, dressing forceps, pair of scissors, silver caustic case, silver female catheter, probe, director, needles, exploring trocar, &c. (8) A case containing hydrocele trocar, trocar for paracentesis, half-ounce glass syringe with platinum point, and small bottle. (9) A case containing gum elastic catheters, Holt's india-rubber winged catheters, folding needle-case. (10) A case for hare-lip pins, acupressure needles, probes, &c. (11) A hypodermic syringe in case. (12) Small chloroform bottle in wood case. On the two sides of the bag:—

Two lithotrites, silver double channel catheter; three short-beaked sounds, prostate catheter, five silver catheters (Nos. 1, 2, 3, 8, and 10), Pontean's curved trocar for puncturing the bladder, folding rectum speculum, vagina speculum, probang, clinical thermometer, polypus forceps, epistaxis catheter, Arnold's ecraseur, tooth forceps, tracheotomy tubes, rectum bougies, lithotomy forceps, lithotomy scoops, lithotomy staffs, tourniquet, &c.

Fig. 1 represents the Bag when open.

Fig. 2, the Bag (Morocco) when closed, size $18 \times 5\frac{1}{4} \times 9\frac{1}{2}$.

Complete with instruments as above	50 guineas.
Bag and wire trays (without instruments)	3 guineas.

The instruments can be varied to suit the requirements of the surgeon.

Extract from the *Lancet*, April 22nd, 1871:—"The Bag is perfectly portable, and is of a size not to offend the eye, or be inconvenient to carry. In this *multum in parvo* there is almost everything that can be required in military or civil practice."

Extract from *Medical Times and Gazette*, May 13th, 1871:—"Thus the surgeon, if he desires to take with him merely some small case that will go into his pocket, can readily do so. On the other hand, should he be summoned to a railway smash, or go suddenly on foreign or military service, he has but to snatch up the Bag, and there, ready packed, he will find instruments for every disease or injury requiring operation."

Extract from *Medical Press and Circular*, May 31st, 1871:—"Here is a more compact contrivance than any yet submitted to surgeons. The interior of the Bag is so arranged that any instrument can be at once selected without disturbing the rest."

Mr. Barnard Holt writes:—"For some years I have felt the desirability of possessing a convenient Surgical Bag, capable of containing not only instruments required for any surgical emergency, but also those that are in daily use. The difficulty hitherto has been of two kinds—namely, the size of the bag and the facility of readily finding the instruments you require. Dr. Greenhalgh has fitted one of Arnold & Sons' Registered Bags for obstetric purposes, and I have, after some thought, suggested to Mr. James Arnold, of West Smithfield, who is the inventor of the Bag, an interior arrangement by which every instrument can be immediately selected without disturbing the rest."

AMPUTATING INSTRUMENTS.

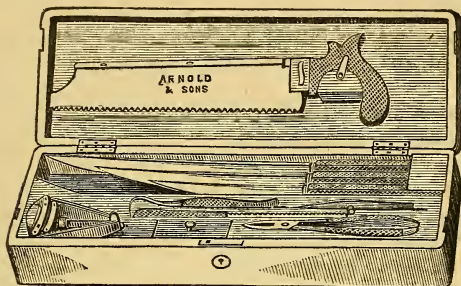


FIG. 3.

Morocco case, containing—

- Large Fergusson's Amputating Knife.
- Medium ditto ditto.
- Small ditto ditto.

The case as above £1 10 0

A Mahogany case, containing—

- Large Liston's Amputating Knife for the flap operation.
- Medium ditto ditto ditto.
- Small ditto ditto ditto.
- Large Circular ditto ditto.
- Catlin.

In chequered ebony handles, complete £2 7 6

A Mahogany case lined with velvet, as Fig. 3, containing—

- Liston's Amputating Knife, Large, for the flap operation.
- Ditto ditto Small ditto
- Catlin.
- Large Amputating Saw.
- Finger Saw.

Liston's Artery Forceps.
 Bone Forceps, Liston's.
 Petit's Screw Tourniquet.
 Six Needles and Silk.

In chequered ebony handles, complete £4 0 0

A handsome Mahogany case, brass-bound and lined with silk velvet, containing—

Large Liston's Amputating Knife for the flap operation.
 Small ditto ditto ditto.
 Catlin.
 Best Large Amputating Saw.
 Finger Saw.
 Luer's Artery Forceps.
 Liston's Bone Forceps, circular joints.
 Petit's Best Spiral Tourniquet.
 Spring Forceps.
 Straight Scissors, strong.
 Six Needles and Silk.

In chequered ebony handles, complete £5 5 0

A very superior and complete set, in a Mahogany case, brass-bound and lined with silk velvet throughout (or the wood polished inside), containing—

Large Liston's Amputating Knife for the flap operation.
 Medium ditto ditto ditto.
 Small ditto ditto ditto.
 Circular ditto ditto.
 Catlin.
 Luer's Improved Artery Forceps.
 Large Amputating Saw with solid shoulders.
 Metacarpal Saw.
 Fergusson's Bone Forceps, circular joints.
 Four Operating Scalpels.
 Straight Scissors, extra strong.
 Two Petit's Spiral Tourniquets.
 Six Needles and two Tablets of Arnold and Son's Improved
 Ligature Silk.

In chequered ebony handles, complete £6 10 0

Keith's Portable Field Case (size 11 in. \times 2 \times 3 $\frac{1}{2}$), containing—
 Amputation Saw, jointed back, and spare blade. One Amputating
 Knife, and two smaller blades, fitting into a spring socket handle.
 Bullet Extractor. Four Dieffenbach's Forceps. Strong Bistoury.
 Luer's Artery Forceps. Operating Forceps. Acupressure Pins,
 Needles, &c.

The set complete £4 12 6

ARMY REGULATION CASE.



FIG. 4.

In accordance with the Army Regulations.

A superior handsome Mahogany brass-bound case, lined with silk velvet, containing—

Four Amputating Knives.
 Best Large Amputating Saw.

Butcher's Amputating Saw, for excisions.
 Liston's Bone Forceps.
 Syme's Artery Forceps and Liston's Artery Forceps.
 Four Pairs Dieffenbach's Artery Forceps.
 Two Trephines, small and medium.
 Elevators, square-pointed.
 Strong Straight Scissors.
 Hey's Skull Saw and Raspitory.
 Straight Gouge and Gouge Forceps.
 Pair Necrosis Forceps.
 Fergusson's Clawed or Lion Forceps.
 Pair Dissecting or Spring Forceps.
 Six Operating Scalpels, Strong scale-tanged Scalpel.
 Two Curved Bistouries, one each probe and sharp-pointed.
 Three Straight Bistouries, two sharp and one probe-pointed.
 Tenaculum and Aneurism Needle.
 Hernia Knife or Bistoury.
 Hernia Director and Silver Director.
 Large Trocar and Canula for Paracentesis Abdominis.
 Hydrocele Trocar and Silver Canula.
 Hydrocele Syringe, with palladium point.
 Small Exploring Trocar, with Silver Canula.
 Liston's Nævi Needle.
 Improved Bullet Forceps, with moveable blades.
 Bullet Extractor.
 Two Silver Trachea-Tubes and Canulas.
 Long Silver Gun-shot Probe.
 Four elastic gum web Male Catheters, Nos. 1, 3, 5, 7.
 Three Silver Male Catheters, hall-marked, Nos. 2, 4, and 6.
 Silver Female Catheter, hall-marked.
 Set of Bowman's Probes, and Critchett's Director in case.
 Anel's Lachrymal Probe, and Two Silver Styles.
 Cataract Needle, and Walton's Scoop in case.
 Tenotomy Knife.
 Denman's short Midwifery Forceps.
 Two Tourniquets, one each spiral and field.
 Jointed Probang for thrusting and extracting.
 Twelve Suture Needles, half-curved.
 Two Reels Ligature Silk, and one Reel Silver Wire.
 Pair Pin-cutting Forceps or Pliers.
 Tin Case for Isinglass and Plaster.
 Screw Cap Bottle, Two Reels Thread, and Wax.

In chequered ebony handles, the case complete as above £24 15 0

ARMY REGULATION CASE.

A superior Mahogany case, brass-bound and lined with silk velvet, containing—

- Small Liston's Amputating Knife for the flap operation.
- Medium ditto ditto ditto.
- Large Liston's Amputating Knife ditto.
- Large Amputating Saw.
- Amputating Saw with shifting back.
- Three Operating Scalpels.
- Straight Bistoury.
- Two Curved Bistouries, sharp and probe-pointed.
- Hernia Knife.
- Liston's Bone Forceps, circular joints.
- Improved Bullet Forceps, with shifting blades.
- Two Dieffenbach's Artery Forceps.
- Pair Dissecting Forceps.
- Liston's or Luer's Artery Forceps.
- Liston's Needle with handle.
- Aneurism Needle.
- Silver Double Trachea-Tube.
- Four elastic gum web Catheters, Nos. 1, 4, 7, and 9.
- Three Silver Catheters, Nos. 3, 5, and 8 (hall-marked).
- Gun-shot Probe, electro-plated.
- Hernia Director.
- Tenaculum.
- Scalpel, strong (scale tang).
- Petit's Screw Tourniquet.
- Medium size Trepine.
- Hydrocele Trocar with Silver Canula.
- Double-extracting Probang.
- Bladder Trocar and Canula.
- Double Elevator.
- $\frac{1}{2}$ oz. Ligature Thread.
- Reel of Arnold and Son's Ligature Silk Cord.
- Six Curved Suture Needles.

In chequered ebony handles, the case complete as above £12 5 0

SET OF INSTRUMENTS FOR A SURGEON IN
THE ROYAL NAVY.

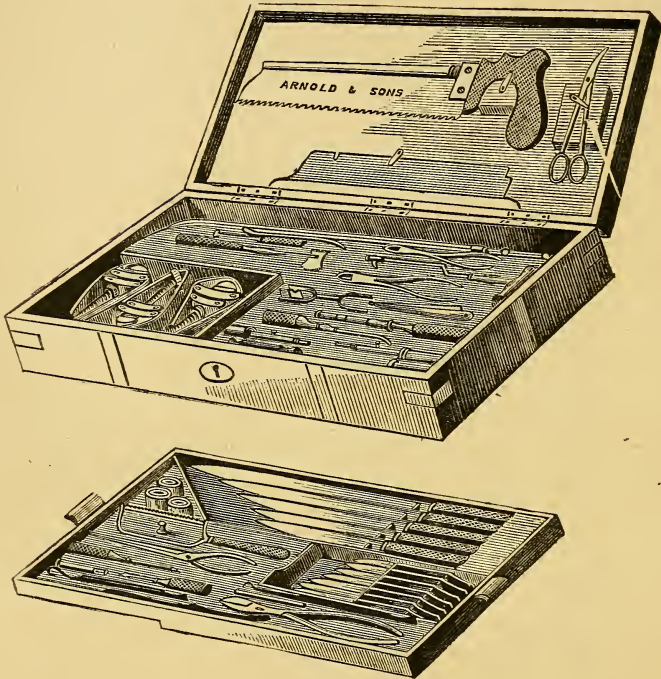


FIG. 5.

A superior Mahogany case, brass-bound and lined with silk velvet as Fig. 5, containing—

- Large Amputating Saw, with spare blade.
- Metacarpal Saw.
- Large Amputating Knife for the flap operation.
- Medium ditto ditto.
- Small ditto ditto.
- Two Catlins.
- Liston's Artery Forceps.
- Two Tenaculums.
- Six Operating Scalpels.
- Two Petit's Tourniquets.
- Liston's Bone Forceps, circular joints.
- Skull Forceps.

Three Trephines, small, medium, and large.
 Large Trocar for Paracentesis with Silver Canula.
 Small Trocar for Hydrocele, with Silver Canula.
 Hey's Skull Saw and Lenticular.
 Elevator and Trephine Brush.
 Two Silver Catheters, Nos. 5 and 8, hall-marked.
 Two Elastic Gum Web Catheters, Nos. 7 and 9.
 Fox's Tooth Key with three claws.
 Two pairs Tooth Forceps, curved and straight.
 Tooth Punch and Gum Lancet.
 Pair strong Scissors and Head Razor.
 Two Seton Needles.
 Pair of Bullet Forceps and Gun-shot Probe.
 Scoop for extracting Balls, and Probang with spring end.
 Probang for applying solutions.
 Two dozen Suture Needles assorted.
 Curved Bistoury, probe point, and curved Bistoury, sharp point.
 Fahrenheit's Thermometer.
 Arnold and Sons' Ligature Silk.

In chequered ebony handles, the case complete . . . £16 10 0

To complete an outfit for a Surgeon in the Royal Navy the following additional instruments are requisite :

Apparatus for restoring suspended animation, consisting of circular Spring Bellows, fitted with Nostril Pipes and Ear Tubes (large Bottle with cap).

Two Bleeding Lancets.
 Stomach Pump with Improved Flute Key Lever.
 Complete case of Pocket Instruments.
 Six Bleeding Lancets in leather case.
 Two dozen Elastic Gum Bougies in case.
 Two sets lined Splints.
 Two pint Metal Clyster Syringes.
 Six Urethra Syringes.
 Four Petits Tourniquets.
 Twenty yards Tourniquet Webbing.
 Twelve Flannel or Linen Roller Bandages.
 Two eighteen-tailed Bandages.
 Sixty yards of Tapes, various widths.
 Complete case of Cupping Instruments.
 Packet of Suture Needles.
 Arnold and Son's Ligature Thread.

The above in plain chest, with lock and key . . . £14 14 0

SET OF INSTRUMENTS FOR AN ASSISTANT
SURGEON IN THE ROYAL NAVY.

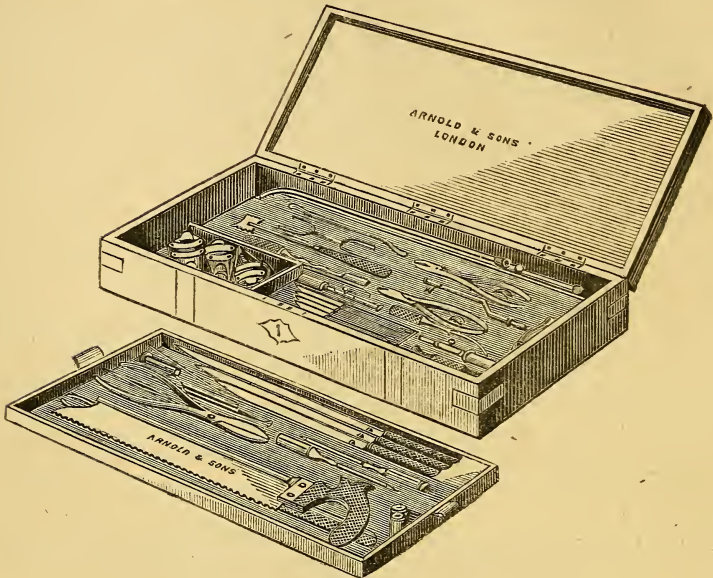


FIG. 6.

A superior Mahogany case, brass-bound and lined with silk velvet, as Fig. 6, containing—

- Amputating Saw, large.
- Metacarpal Saw with separate blade.
- Amputating Knife, large.
- Amputating Knife, medium.
- Catlin.
- Five Operating and one Tang Scalpel.
- Liston's Artery Forceps.
- Two Tenaculums.
- Two Improved Trephines, small and medium.
- Trephine Brush.
- Two Petit's Tourniquets.
- Hey's Skull Saw and Raspitory.
- Skull Forceps and Elevator.
- Liston's Bone Forceps, circular joints.
- Two Silver Catheters, Nos. 5 and 8.
- Two elastic gum web Catheters.
- Two pairs Tooth Forceps, curved and straight.
- Fox's Tooth Key with three claws and Tooth Punch.

- Gum Lancet and Seton Needle, in tortoiseshell.
- Gun-shot Probe and Bullet Forceps.
- Probang with spring for thrusting and extracting.
- Large Trocar for Paracentesis, with Silver Canula.
- Small Trocar for Hydrocele, with Silver Canula.
- Fahrenheit's Thermometer.
- One dozen curved Needles.
- Reel of Arnold and Son's Surgical Silk Cord.

In chequered ebony handles, the case complete . . . £11 11 0

To complete an outfit for an Assistant Surgeon in the Royal Navy the following additional Instruments are requisite:—

- Complete case of Pocket Instruments.
- Twelve Bleeding Lancets in cases.
- Six Pewter Syringes.
- Ligature Thread.

The above in plain case £4 0 0

Note.—When an Assistant Surgeon is appointed to a ship not having a Full Surgeon, the following instruments are necessary in addition to above:—

- Six Bougies in case £0 6 0
- Set of Lined Splints 0 3 6
- Three Flannel or Calico Roller Bandages 0 2 0

SET OF INSTRUMENTS REQUIRED BY A SURGEON APPOINTED TO THE ROYAL MAIL STEAM-PACKET COMPANY.

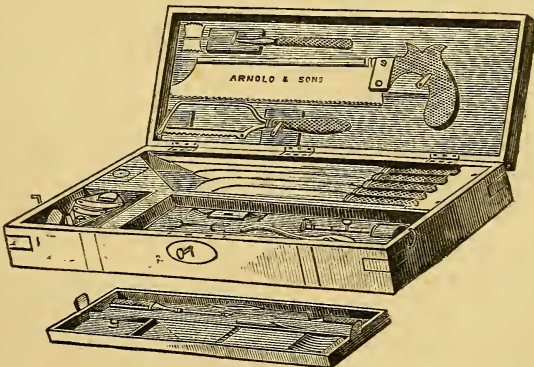


FIG. 7.

A superior Mahogany case, brass-bound and lined with silk velvet, as Fig. 7, containing—

Large Amputating Saw.
 Metacarpal Saw, with spare blade.
 Large Amputating Knife for the flap operation.
 Medium Amputating Knife ditto.
 Large Circular Amputating Knife.
 Medium ditto ditto.
 Catlin.
 Pair Bone Forceps, circular joints.
 Liston's or Luer's Artery Forceps.
 Spring Operating Forceps.
 Two Operating Scalpels and Finger Knife.
 Two Curved Bistouries, probe and sharp point.
 Large Trocar for Paracentesis, with Silver Canula.
 Small Trocar for Hydrocele ditto ditto.
 Trepine and Hey's Skull Saw.
 Elevator and Skull Forceps.
 Trepine Brush and Spring Probang.
 Aneurism Needle.
 Petit's Tourniquet, spiral.
 Twelve curved Suture Needles.
 Reel of Arnold and Son's Surgical Silk Cord.

In chequered ebony handles, the case complete . . . £10 10 0

To complete an outfit the following additional Instruments are requisite:—

Case of Midwifery Instruments, consisting of Midwifery Forceps, Lever, Perforator, Blunt Hook, Crotchet, and Craniotomy Forceps.

Complete set of Cupping Instruments.

Set of gum elastic Bougies in case.

Case of Tooth Instruments.

Case of Silver Catheters, Nos. 1, 3, 5, 7, 9, and No. 10, prostatic.

Case of six Bleeding Lancets.

Case of Pocket Instruments.

Thermometer.

Spring Probang for thrusting and extracting.

Six Urethra Syringes.

Metal Syringe.

Liston's Leg and Thigh Splints.

Set of Potts's Straight Splints.

Twenty Calico Roller Bandages.

Tape and Thread.

The set of Instruments as enumerated above . . . £18 18 0

SET OF INSTRUMENTS REQUIRED BY A
SURGEON APPOINTED TO THE PENIN-
SULAR AND ORIENTAL STEAM NAVIGA-
TION COMPANY.

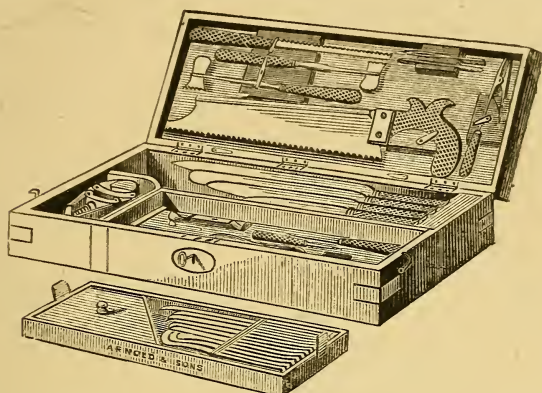


FIG. 8.

A superior Mahogany case, brass-bound, lined silk velvet, or polished throughout, as Fig. 8, containing —

- Large Amputating Saw.
- Straight Finger Saw.
- Large Liston's Amputating Knife for the flap operation.
- Medium ditto ditto.
- Large Circular Amputating Knife.
- Catlin.
- Pair Bone Forceps, circular joints.
- Spring Artery Forceps.
- Trephine Medium and Trephine Brush.
- Two Hey's Skull Saws, and Elevator.
- Two Operating and one Scale-tang Scalpel.
- Two straight Finger Knives.
- Two Curved Bistouries, probe and sharp-pointed.
- Large Trocar for Paracentesis, with Silver Canula.
- Small Trocar for Hydrocele ditto.
- Hernia Bistoury and Director.
- Pair Bullet Forceps, and Long Probe.
- Petit's Screw Tourniquet.
- Aneurism and Suture Needles.

In chequered ebony handles, the case complete . . . £10 10 0

To complete an outfit the following additional Instruments are requisite—

Cupping Instruments, complete in case.
 Tooth Instruments ditto.
 Pocket Instruments ditto.
 Three Male Silver Catheters, hall-marked.
 Silver Female Catheter, hall-marked. }
 Pair of Midwifery Forceps.
 Six Metallic Bougies.
 Six Bleeding Lancets.

The set of Instruments as enumerated above . . . £12 0 0

SET OF INSTRUMENTS REQUIRED BY A SURGEON APPOINTED TO AN EMIGRANT SHIP.

Case of Amputating Instruments.
 Case of Cupping Instruments.
 Pocket case of Instruments.
 Case of Tooth Instruments.
 Four Silver Catheters, 2, 4, 6, and 8, hall-marked.
 Silver Female Catheter, hall-marked.
 Four elastic gum web Catheters.
 Midwifery Instruments in case, containing Midwifery Forceps,
 Perforator, Craniotomy Forceps, Blunt Hook, and Crotchet.
 Four Bleeding Lancets, in case.
 Elevator.
 Trachæotomy Tube.
 Trepine and Trepine Brush.

The set of Instruments as enumerated above . . . £19 19 0

DR. ANGOVE'S ACCIDENT CASE.

Extract from the *Lancet*, May 21st, 1870.

“SIR,—The accompanying description of my accident case will be found useful I think, by those of my fellow-practitioners who do the greater part of their work on horseback. The advantages are that it will contain instruments enough for almost any accident, together with lint, plaster, bandages, tourniquet. &c.; and by

keeping this stocked and hung up in a handy place, you are ready to be off at any moment. It is easily carried on horseback. By taking the instruments, &c., out you have an oblong box, in which you can put what you like, the instruments being only kept in by a leather strap and an elastic band, which do not take up any room in case.

“In a mining practice one rarely if ever knows the nature of the accident he is called to; I therefore find it valuable, being ‘with my ease’ ready for the smallest cut or anything else, including an amputation.

“Messrs. Arnold and Sons, of 35, West Smithfield, made mine for me; they keep them in stock empty, or will fill them according to order. The cases are made of hard leather, will stand any amount of knocking about, and cost a very small sum.

“I am, Sir, your obedient servant,

“E. SCUDAMORE ANGOVE.

“Ivy House, Camborne, Cornwall, March, 1870.”

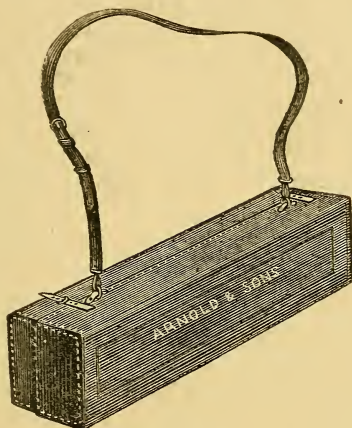


FIG. 9.

Dr. Angove's Accident Case, dimensions $14 \times 4\frac{1}{2} \times 3\frac{1}{2}$, as fig. 9, containing—

Amputating Saw, large.
 Bullet Forceps, improved, with shifting blades.
 Amputating Knife, in chequered ebony handle.
 Catlin ditto.
 Finger Saw. ditto.
 Scalpel, operating.
 Bone Forceps, circular joints.
 Artery Forceps, Luer's or Liston's.
 Pair strong Scissors.
 Two Silver Probes.
 Needles and Suture Silk.

Complete with Instruments, as above	£4	4	0
Leather case with swivels and strap (without Instruments).	0	17	6
Morocco ditto, lined velvet	1	1	0

HOSPITAL FIELD PANNIERS.

Instrument Pannier contains—Operating Instruments, Pocket Instruments, Enema, in case, Twenty-four Calico Roller Bandages, Three Water-dressing Bandages, Twelve elastic gum web Catheters, Twelve ditto Bougies, Six Field Tourniquets, One Petit's Spiral Tourniquet, Twelve Surgeon's Needles, Two pieces of Tape, Ligature Thread, Set Olme's Leg Splints, Set Potts's Hollow Arm Splints, Set Lined Splints, Metal Bed-pan, Metal Washing Basin, Two packets Pins.

Medicine Pannier contains—Thirty-one Stopped Bottles, Two 1 quart ditto, Two $\frac{1}{2}$ pint ditto, Five $\frac{1}{4}$ pint ditto, Twelve 2 ounce ditto, Five 1 ounce ditto, Five $\frac{3}{4}$ ounce ditto, Five 2 ounce capped Æther Bottles, Six Japanned Tin Boxes, Pill Tile, Pair of Scissors, Pill Knife, Palette Knife, Graduated Measure, Pestle and Mortar, Scales and Weights, Pewter Cup, Three Sponges, Packet Cotton Wool, Demy Paper, Twine, Waxed Paper, Prepared Tissue, Three Glass Syringes, Lantern, Corkscrew, Pill Boxes, Oiled Silk, Gallipots, Corks, Wax Candles, Inkstand, Writing Paper, Labels, Pens, Wafers, Sealing Wax, Tin of Matches, Tins for Tea, Sugar, Arrowroot, Coffee, &c.

The two pairs are constructed to form a Field Operating Table.

The pair of Panniers complete as above . . . £50 0 0

AMPUTATING INSTRUMENTS.

				£	s.	d.
Lisfranc's Amputating Knife, Double Edge, 7 inch	.	.	.	0	8	0
Ditto ditto ditto 8 inch	.	.	.	0	8	6
Ditto ditto ditto 9 inch	.	.	.	0	9	6

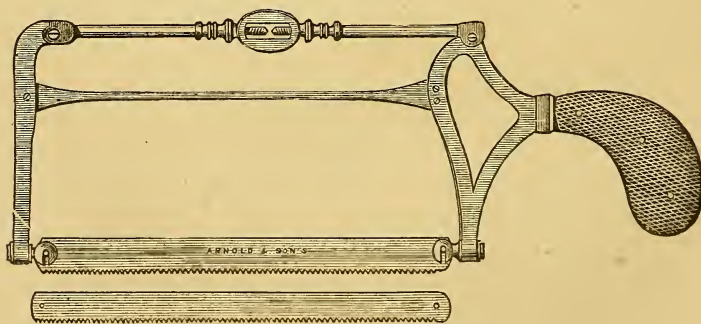


Fig. 10

Butcher's Amputating Saw, Fig. 10	.	.	.	1	14	0
Liston's Amputating Knife, Single Edged, 8 inch	.	.	.	0	8	0

	£	s.	d.
Liston's Amputating Knife, Single Edged, 9 inch	0	8	6
Ditto ditto ditto 10 inch	0	9	6
Circular ditto Small	0	8	6
Ditto ditto Large	0	9	6
Catlin	0	5	6
Amputating Saw (solid shoulder)	0	15	0
Ditto (moveable back)	1	1	0
Graham's ditto	1	14	0

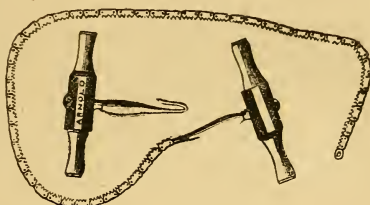


FIG. 11.

Chain Amputating Saw, Fig. 11	1	10	0
Finger Saw Straight	0	3	6
Metacarpal Saw	0	7	6
Webber's Anti-ligature Forceps	0	7	6



FIG. 12.

Liston's Artery Forceps, Fig. 12	0	7	6
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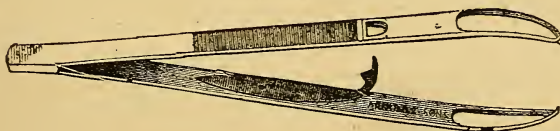


FIG. 13.

Luer's Artery Forceps, Fig. 13	0	7	6
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FIG. 14.

Assilini's Artery Forceps, Fig. 14	0	9	6
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FIG. 15.

Dieffenbach's Artery Forceps, Fig. 15	£	s.	d.
	0	2	6



FIG. 16.

Sliding Artery Forceps, Fig. 16	0	3	6
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FIG. 17.

Artery Forceps, with Arnold and Sons' improved taper sliding catch, Fig. 17	0	10	0
Syme's Artery Forceps	0	7	6



FIG. 18.

Cross Action Artery Forceps, Fig. 18	0	4	6
Matthieu's ditto	0	11	6
Serrefines	0	1	0
Bullet Forceps, Shifting Blades	0	8	0
Luer's Bullet Forceps	0	12	6
Plain ditto ditto	0	5	0



FIG. 19.

Coxeter's Bullet Extractor, Fig. 19	0	12	0
Ditto ditto jointed for pocket case	0	15	0
Catgut for Ligatures, per hank	0	1	0

	£	s.	d.
Gun-shot Probe, solid silver	0	5	0
Ditto stoutly plated	0	3	6
Ditto flexible metal	0	1	0
Ditto steel	0	1	6
Nelaton's Gun-shot Probe	0	4	6
Gun-shot Probe, Whalebone	0	1	6
Intracisor Forceps, Webber's	0	7	0
Arnold and Sons' Improved Silk, per hank	0	1	0
Ditto ditto extra large hanks	0	2	0
Arnold and Sons' Improved Silk, four sizes on tablet to fit the pocket case	0	1	6

ARNOLD AND SONS' IMPROVED SILK possesses the following advantages:—Pure silk, free from all dressing or colouring matter, and will not kink or curl under any circumstances; immense strength; being plaited, will tie securely without untwisting.

Extract from the *Lancet*, October 15th, 1870, page 556:—"We have been supplied with a specimen of this cord, which appears to us to be very good."

British Medical Journal, October 8th, 1870, page 393:—"Its recommendations are, that it does not twist or curl when used, like ordinary silk."

Medical Times and Gazette, October 15th, 1870, page 465:—"It is of a plaited texture, very strong, and is free from all dressing or colouring matter."

Medical Press and Circular, October 12th, 1870, page 300:—"We have seen a sample of this substance, made by Messrs. Arnold and Sons, and can strongly recommend it. We hope some of it may be sent out to the French at the seat of war."

Ligature Silk, per reel	0	1	0
Ditto per hank	0	0	6
Ligature Thread, per reel	0	0	9
Ditto ditto hank	0	0	4
Ligature Wire, Sterling Silver, per hank	0	2	0
Ditto ditto reel	0	5	0
Ligature Wire, Electro-plated, per hank	0	1	0
Ditto ditto reel	0	2	6
Ligature Wire, Iron, carefully annealed, per hank	0	0	6
Ditto ditto reel	0	1	6
Suture Needles, half-curved, per packet of six	0	1	6
Ditto full curved ditto	0	1	6
Ditto double eyes do.	0	2	6
Ditto straight triangular points, per doz.	0	1	0
Ditto straight, extra superior, do.	0	3	0

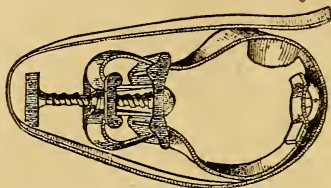


FIG. 20.

	£	s.	d.
Petit's Spiral Tourniquet, Fig. 20	0	7	6
Field Tourniquet	0	2	0
Arnold and Sons' Improved Field Tourniquet, which can be instantaneously secured	0	3	0
Signoroni's Tourniquet	1	7	6
Key's ditto	1	15	0
Liston's ditto	1	0	0
De Carte's compressor, for the groin, with ball socket movement, fitted with rubber band to prevent the un- yielding pressure of screw, adapting itself securely to the limb, consequently not liable to produce injurious effects from compression	3	5	0
Ditto ditto for middle of thigh	1	18	0
Torsion Forceps, Improved, with serrated teeth, and central groove for using as Needle Forceps	0	10	0

MIDWIFERY.

Leather case, containing—

- Short Midwifery Forceps.
- Craniotomy Forceps.
- Perforator.
- Blunt Hook and Crotchet.
- Female Catheter.

The above, in case complete 3 10 0

Handsome morocco case, containing—

- Barnes' long Midwifery Forceps.
- Simpson's short ditto ditto.

Craniotomy Forceps, improved.
 Perforator.
 Blunt Hook.
 Crotchet.
 Lowndes' Vectis.
 Frænum Scissors.
 Silver Female Catheter, with stopcock.

The above, in case complete £6 0 0

Mahogany case, lined with velvet, containing—

Denman's short Midwifery Forceps.
 Rigby's Perforator.
 Lowndes' Vectis.
 Frænum Scissors.
 Craniotomy Forceps.
 Crotchet and two blunt Hooks, fitting one handle.
 Fergusson's Glass Speculum.
 Caustic and Sponge Holder, with Scarifying Lancet for the
 Uterus.
 Bivalve Speculum, electro-plated, and gilt.
 Silver Female Catheter, with stop cock.

The above, in case complete £10 0 0

Mahogany case, brass bound, and lined velvet, containing—

Oldham's Long Midwifery Forceps.
 Craniotomy Forceps.
 Greenhalgh's Short Midwifery Forceps.
 Blunt Hook.
 Decapitator.
 Perforator.
 Crotchet.
 Lever.
 Frænum Scissors.
 Fergusson's Glass Speculum.
 Caustic Holder, with Sponge Holder and Scarifying Lancet.
 Silver Female Catheter, with stop cock.

The above case complete £9 0 0

ARNOLD AND SON'S REGISTERED OBSTETRIC BAG.

AS SUGGESTED BY DR. GREENHALGH.

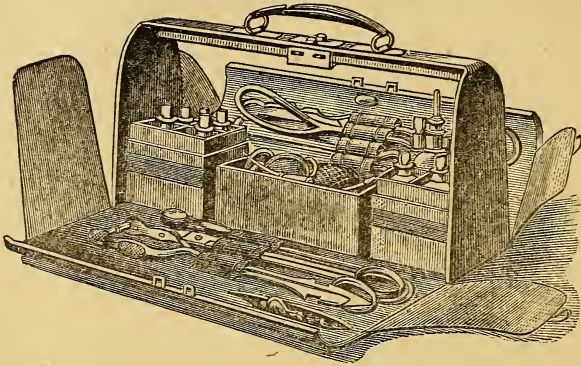


FIG. 21.

Fig. 21 showing the Bag open. Fig. 22 the Bag closed. The Bag contains Dr. Greenhalgh's Midwifery Forceps, Improved Double Action Perforator, Craniotomy Forceps, Lazarovitch's Blunt Hook and Tape, Crotchet with Cross Handle, Pair of Frænum Scissors, Female Catheter, Skinner's Chloroform Inhaler, Chloroform Drop Bottle, Uterine Syringe and Enema, Dr. Richardson's Spray Apparatus, and Stopped Bottles for Ergot, Tincture of Opium, Compound Spirits of Ammonia, Anæsthetic Ether, Chloroform, Brandy, &c., &c.

Extract from the *Lancet*, March 26th, 1870:—"We have carefully inspected one of these bags, and consider them a decided success."

British Medical Journal, April 23rd, 1870:—"The obstetrician and general practitioner will find it in truth a *multum in parvo*. At first sight eight pounds may appear a heavy price to pay for the luxury of such a bag, but its fittings are of the very best quality and workmanship."

Medical Times and Gazette, April 9th, 1870:—"Messrs. Arnold and Sons have invented an Obstetric Bag, which certainly is as near perfection as anything we have seen."

Medical Press and Circular, April 13th, 1870:—"The Obstetric Bag is admirably arranged, and we offer the maker our congratulations."

Medical Mirror, September, 1st, 1870:—"Practitioners who delight in elegances will find this Bag designed with good taste, while it is furnished with instruments as good in quality and as finished in workmanship as they could wish."

Dr. Tanner's Manual of Midwifery:—"An Obstetric Bag has recently been introduced to the notice of obstetricians by Messrs. Arnold and Sons, of West Smithfield, and from personal experience the author can conscientiously and confidently recommend its use to his professional brethren."

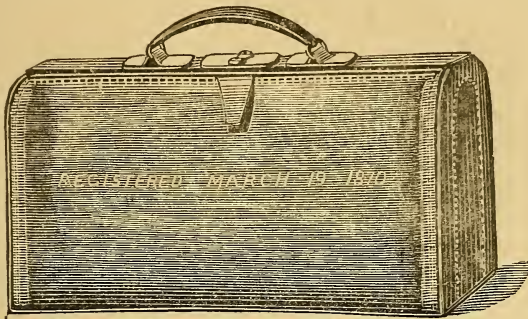


FIG. 22.

Price complete, with Instruments and Stoppered Bottles,				
as above	£8	0	0	
ditto the Instruments plated with Nickel Silver	10	0	0	
Obstetric Bag, without Instruments	2	2	0	
ditto in morocco leather	2	10	0	
Set of Stoppered Bottles, and leather cases	extra	0	8	0

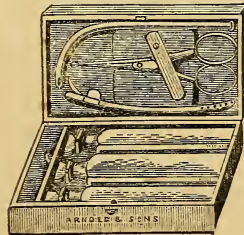


FIG. 23.

Pocket Midwifery case in morocco, lined with silk velvet, Fig 23, containing—

Three cut-glass Stoppered Bottles.

Frænum Scissors.

Silver Female Catheter, with Stopcock.

Silver Inflating Tube, complete. Fig. 15 . . . £ s. d.

1 3 0

~~~~~

Pocket Midwifery case in morocco, lined with silk velvet, containing—

Three cut-glass Stoppered Bottles.

Frænum Scissors.

Elastic Female Catheter, complete . . . 0 12 6

~~~~~

Pocket Midwifery case in morocco, lined with silk velvet, containing—

Three cut-glass Stoppered Bottles.

Frænum Scissors.

Plated Catheter.

Plated Inflating Tube, complete . . . 0 18 6

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### MIDWIFERY FORCEPS, &c.

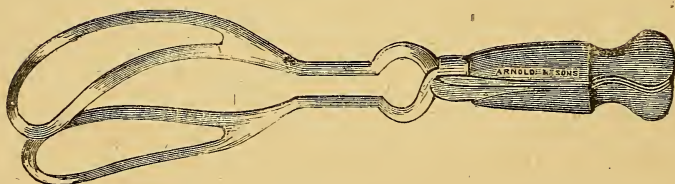


FIG. 24.

Dr. Barnes's Long Midwifery Forceps, Fig. 24 . . . 1 0 0



FIG. 25.

Sir James Simpson's Long Midwifery Forceps, Fig. 25 . . . 1 1 0

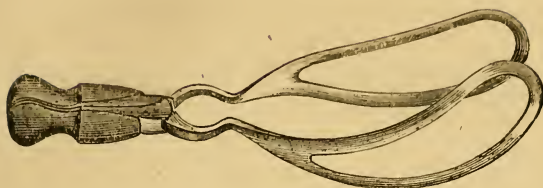


FIG. 26.

|                                                             | £ | s. | d. |
|-------------------------------------------------------------|---|----|----|
| Dr. Greenhalgh's Short Midwifery Forceps, Fig. 26 . . . . . | 1 | 1  | 0  |
| Dr. Greenhalgh's Long ditto. . . . .                        | 1 | 2  | 6  |

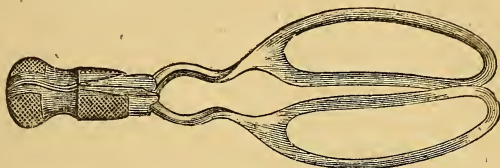


FIG. 27.

|                                                               |   |   |   |
|---------------------------------------------------------------|---|---|---|
| Dr. Greenhalgh's Straight Midwifery Forceps, Fig. 27. . . . . | 1 | 0 | 0 |
|---------------------------------------------------------------|---|---|---|

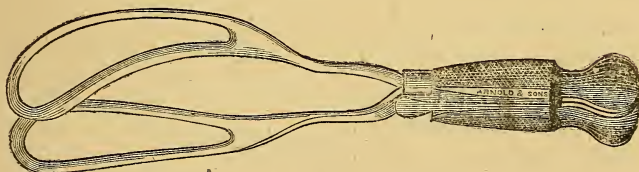


FIG. 28.

|                                                       |   |   |   |
|-------------------------------------------------------|---|---|---|
| Dr. Ramsbotham's Midwifery Forceps, Fig. 28 . . . . . | 1 | 0 | 0 |
|-------------------------------------------------------|---|---|---|

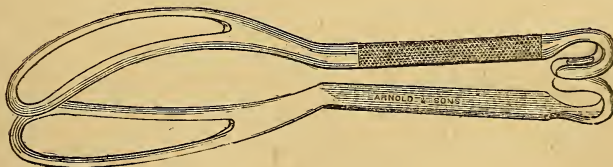


FIG. 29.

|                                                     |   |   |   |
|-----------------------------------------------------|---|---|---|
| Dr. Assilini's Midwifery Forceps, Fig. 29 . . . . . | 1 | 0 | 0 |
|-----------------------------------------------------|---|---|---|

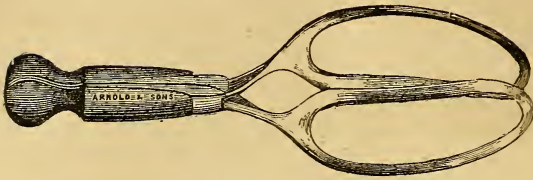


FIG. 30.

|                                           |   |   | £ | s. | d. |
|-------------------------------------------|---|---|---|----|----|
| Dr. Haighton's Midwifery Forceps, Fig. 30 | . | . | 0 | 17 | 6  |
| Dr. Lever's Short ditto                   | . | . | 0 | 16 | 0  |
| Dr. Lever's Long ditto                    | . | . | 1 | 0  | 0  |

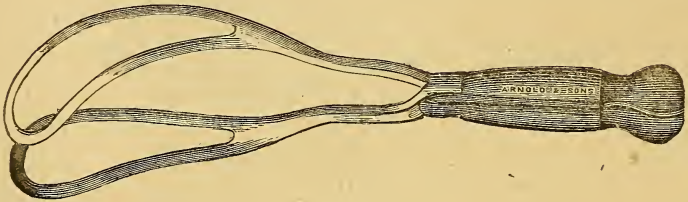


FIG. 31.

|                                                 |   |   |   |   |   |
|-------------------------------------------------|---|---|---|---|---|
| Dr. Robertson's Long Midwifery Forceps, Fig. 31 | . | . | 1 | 0 | 0 |
|-------------------------------------------------|---|---|---|---|---|

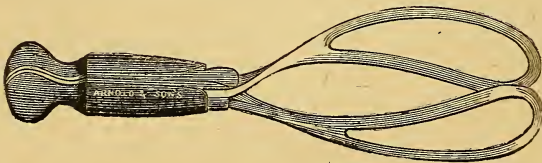


FIG. 32.

|                                                |   |   |   |   |   |
|------------------------------------------------|---|---|---|---|---|
| Dr. Graily Hewitt's Midwifery Forceps, Fig. 32 | . | . | 1 | 1 | 0 |
|------------------------------------------------|---|---|---|---|---|

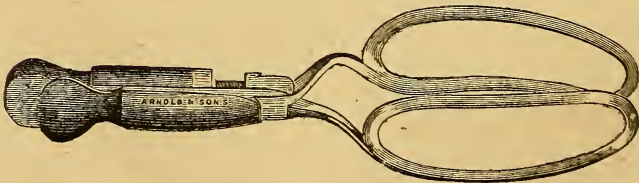


FIG. 33.

|                                           |   |   |   |    |   |
|-------------------------------------------|---|---|---|----|---|
| Dr. Conquest's Midwifery Forceps, Fig. 33 | . | . | 0 | 17 | 6 |
|-------------------------------------------|---|---|---|----|---|



FIG. 34.

|                                                    |   |    |    |
|----------------------------------------------------|---|----|----|
|                                                    | £ | s. | d. |
| Dr. Ziegler's Midwifery Forceps, Fig. 34 . . . . . | 1 | 0  | 0  |

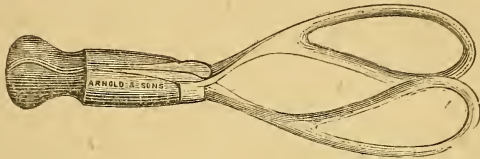


FIG. 35.

|                                                          |   |    |   |
|----------------------------------------------------------|---|----|---|
| Dr. Collins's Short Midwifery Forceps, Fig. 35 . . . . . | 0 | 16 | 0 |
| Dr. Collins's Long Midwifery Forceps . . . . .           | 1 | 0  | 0 |
| Dr. Hopkins' Midwifery Forceps . . . . .                 | 1 | 3  | 0 |
| Dr. Murphy's Long ditto . . . . .                        | 1 | 0  | 0 |

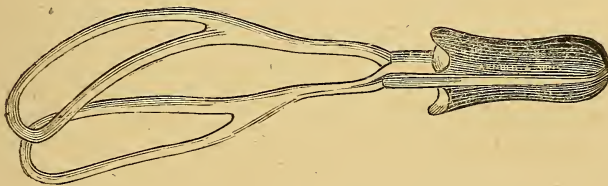


FIG. 36.

|                                                   |   |   |   |
|---------------------------------------------------|---|---|---|
| Dr. Oldham's Midwifery Forceps, Fig. 36 . . . . . | 1 | 0 | 0 |
|---------------------------------------------------|---|---|---|

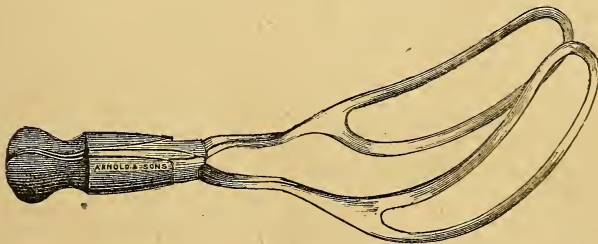


FIG. 37.

|                                                  |   |    |   |
|--------------------------------------------------|---|----|---|
| Dr. Davis's Midwifery Forceps, Fig. 37 . . . . . | 0 | 17 | 6 |
|--------------------------------------------------|---|----|---|

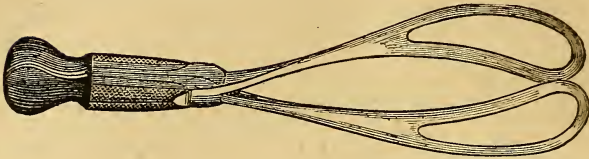


FIG. 38.

|                                                      | £ | s. | d. |
|------------------------------------------------------|---|----|----|
| Dr. Churchill's Midwifery Forceps, Fig. 38 . . . . . | 1 | 1  | 0  |
| Dr. Farre's Long Midwifery Forceps . . . . .         | 1 | 0  | 0  |
| Dr. Beattie's ditto ditto . . . . .                  | 1 | 0  | 0  |

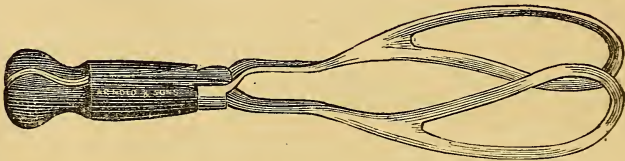


FIG. 39.

|                                                     |   |   |   |
|-----------------------------------------------------|---|---|---|
| Dr. Blundell's Midwifery Forceps, Fig. 39 . . . . . | 1 | 1 | 0 |
|-----------------------------------------------------|---|---|---|

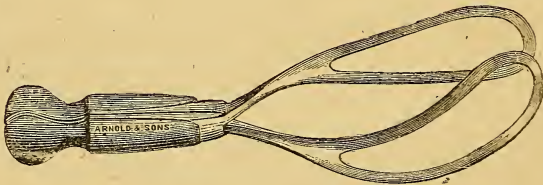


FIG. 40.

|                                                                 |   |    |   |
|-----------------------------------------------------------------|---|----|---|
| Dr. Clark's Short Midwifery Forceps, Fig. 40 . . . . .          | 0 | 16 | 0 |
| Dr. Clark's Long ditto . . . . .                                | 1 | 0  | 0 |
| Dr. Braithwaite's Midwifery Forceps, in leather sheath. . . . . | 1 | 0  | 0 |

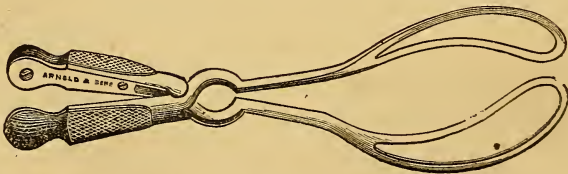


FIG. 41

|                                                   |   |   |   |
|---------------------------------------------------|---|---|---|
| Dr. Godson's Midwifery Forceps, Fig. 41 . . . . . | 1 | 1 | 0 |
|---------------------------------------------------|---|---|---|

|                               |           | £ | s. | d. |
|-------------------------------|-----------|---|----|----|
| Dr. Hodges' Midwifery Forceps | . . . . . | 1 | 0  | 0  |
| Dr. Inglis's ditto            | . . . . . | 1 | 0  | 0  |
| Dr. Knight's ditto            | . . . . . | 1 | 0  | 0  |
| Dr. Lees' ditto               | . . . . . | 0 | 17 | 6  |
| Dr. Macintosh's ditto         | . . . . . | 0 | 17 | 6  |
| Dr. Aveling's ditto           | . . . . . | 1 | 0  | 0  |

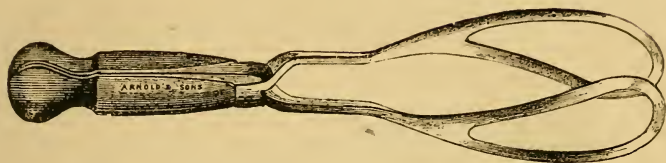


FIG. 43.

Dr. Waller's Midwifery Forceps, Fig. 42 . . . . . 0 17 6

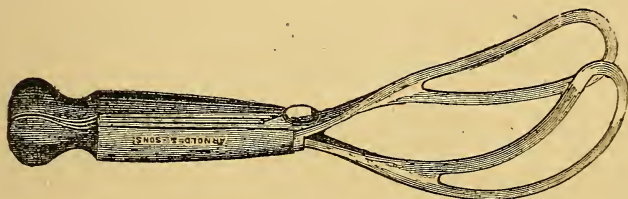


FIG. 43.

Dr. Brüninghausen's Long curved Midwifery Forceps,  
Fig. 43 . . . . . 1 5 0

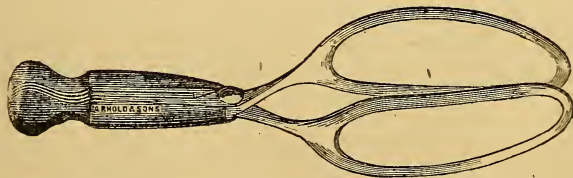


FIG. 44.

Dr. Brüninghausen's Short straight Midwifery Forceps,  
Fig. 44 . . . . . 1 10 0



FIG. 45.

|                                                                |   |    |    |
|----------------------------------------------------------------|---|----|----|
|                                                                | £ | s. | d. |
| Sir James Simpson's Short Midwifery Forceps, Fig. 45 . . . . . | 1 | 0  | 0  |

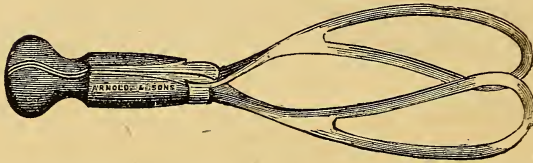


FIG. 46.

|                                                         |   |    |   |
|---------------------------------------------------------|---|----|---|
| Dr. Denman's Short Midwifery Forceps, Fig. 46 . . . . . | 0 | 16 | 0 |
| Dr. Denman's Long ditto . . . . .                       | 1 | 0  | 0 |

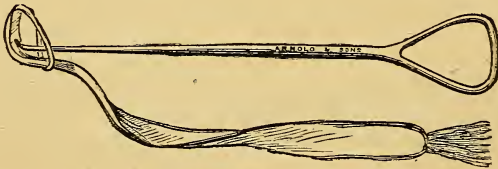


FIG. 47.

|                                                                               |   |   |   |
|-------------------------------------------------------------------------------|---|---|---|
| Professor Lazarovitch's Blunt Hook, with tape, complete,<br>Fig. 47 . . . . . | 0 | 7 | 6 |
| Blunt Hook . . . . .                                                          | 0 | 3 | 0 |
| Blunt Hook and Crotchet . . . . .                                             | 0 | 4 | 6 |

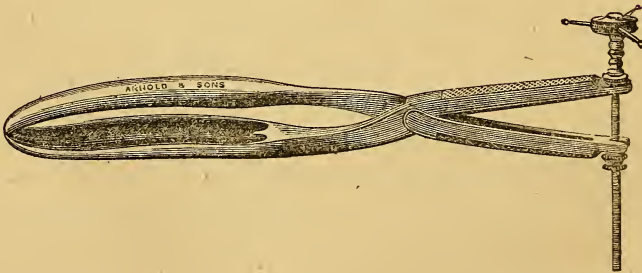


FIG. 48.

|                                                    |   |    |   |
|----------------------------------------------------|---|----|---|
| Dr. Braxton Hicks' Cephalotribe, Fig. 48 . . . . . | 2 | 12 | 0 |
| Sir James Simpson's ditto . . . . .                | 1 | 10 | 0 |

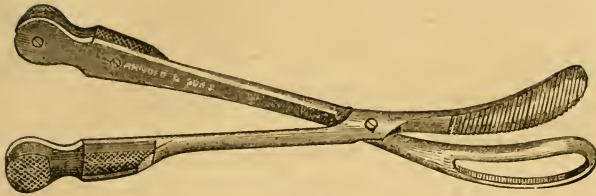


FIG. 49.

|                                          |         |
|------------------------------------------|---------|
| Dr. Murphy's Craniotomy Forceps, Fig. 49 | £ s. d. |
| . . . . .                                | 1 5 0   |

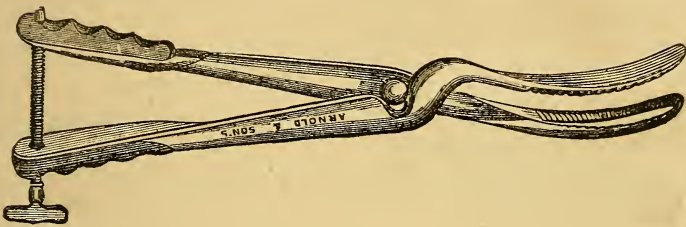


FIG. 50.

|                                         |        |
|-----------------------------------------|--------|
| Dr. Barnes' Craniotomy Forceps, Fig. 50 | 1 10 0 |
| . . . . .                               |        |

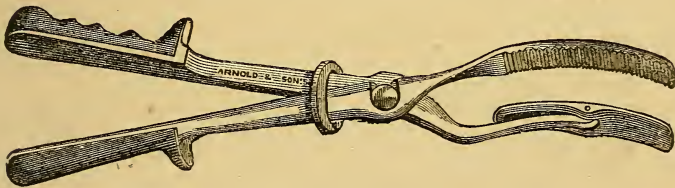


FIG. 51.

|                                           |        |
|-------------------------------------------|--------|
| Dr. Matthews' Craniotomy Forceps, Fig. 51 | 1 12 6 |
| . . . . .                                 |        |

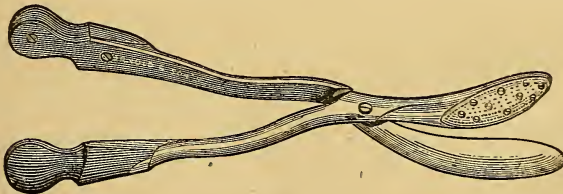


FIG. 52.

|                                                     |       |
|-----------------------------------------------------|-------|
| Dr. Conquest's Improved Craniotomy Forceps, Fig. 52 | 1 7 6 |
| . . . . .                                           |       |

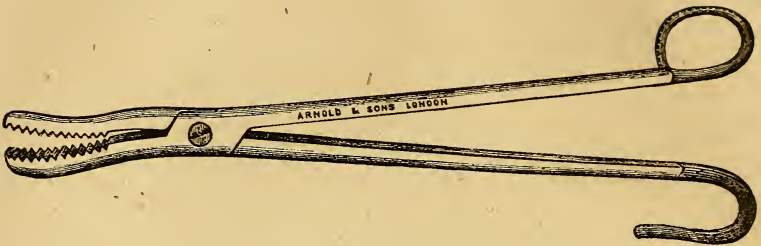


FIG. 53.

|                                           | £ | s. | d. |
|-------------------------------------------|---|----|----|
| Dr. Godson's Craniotomy Forceps, Fig. 53. | 0 | 12 | 6  |
| Dr. Churchill's Craniotomy Forceps        | 0 | 7  | 0  |
| Sir James Simpson's Craniotomy Forceps .  | 1 | 7  | 6  |

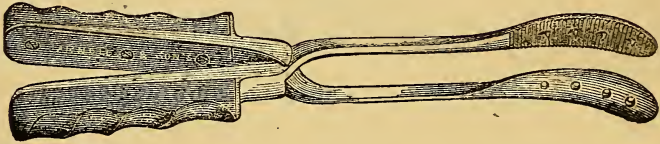


FIG. 54.

|                                         |   |   |   |
|-----------------------------------------|---|---|---|
| Dr. Holmes' Craniotomy Forceps, Fig. 54 | 1 | 7 | 6 |
|-----------------------------------------|---|---|---|

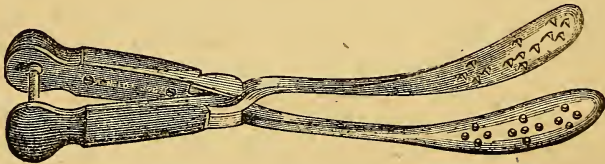


FIG. 55.

|                                         |   |    |   |
|-----------------------------------------|---|----|---|
| Dr. Davis's Craniotomy Forceps, Fig. 55 | 1 | 7  | 0 |
| ditto ditto, with rack                  | 1 | 15 | 0 |

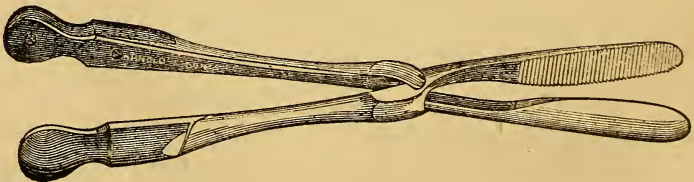


FIG. 56.

|                                       |   |   |   |
|---------------------------------------|---|---|---|
| Dr. Lee's Craniotomy Forceps, Fig. 56 | 1 | 5 | 0 |
|---------------------------------------|---|---|---|



FIG. 57.

|                                                     | £ | s. | d. |
|-----------------------------------------------------|---|----|----|
| Dr. Waller's Craniotomy Forceps, Fig. 57 . . . . .  | 1 | 7  | 6  |
| Dr. Lever's ditto . . . . .                         | 1 | 5  | 6  |
| Dr. Priestlèy's ditto . . . . .                     | 1 | 7  | 6  |
| Dr. Ramsbotham's ditto . . . . .                    | 1 | 7  | 6  |
| Dr. Lever's Decapitator . . . . .                   | 0 | 7  | 6  |
| Dr. Ramsbotham's ditto . . . . .                    | 0 | 7  | 6  |
| Dr. Churchill's Crotchet . . . . .                  | 0 | 7  | 6  |
| Dr. Murphy's ditto . . . . .                        | 0 | 7  | 6  |
| Ditto ditto, with two blunt hooks, in spring handle | 1 | 1  | 0  |
| Dr. Davis's guarded Crotchet . . . . .              | 1 | 4  | 0  |

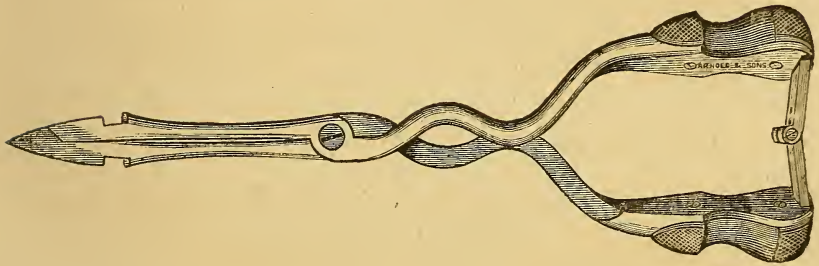


FIG. 58.

|                                                                      |   |    |   |
|----------------------------------------------------------------------|---|----|---|
| Dr. Greenhalgh's improved cross action Perforator, Fig. 58 . . . . . | 1 | 15 | 0 |
|----------------------------------------------------------------------|---|----|---|



FIG. . . .

|                                           |   |    |   |
|-------------------------------------------|---|----|---|
| Dr. Holmes' Perforator, Fig. 59 . . . . . | 0 | 15 | 0 |
|-------------------------------------------|---|----|---|



FIG. 60.

|                                            |   |   |   |
|--------------------------------------------|---|---|---|
| Dr. Denman's Perforator, Fig. 60 . . . . . | 0 | 6 | 6 |
|--------------------------------------------|---|---|---|

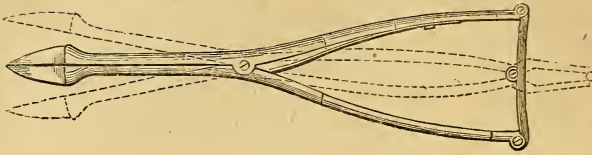


FIG. 61.

|                                                           | £ | s. | d. |
|-----------------------------------------------------------|---|----|----|
| Sir James Simpson's Perforator Fig. 61 . . . . .          | 1 | 1  | 0  |
| Dr. Naegele's ditto . . . . .                             | 0 | 14 | 0  |
| Dr. Smellie's straight Perforator . . . . .               | 0 | 10 | 0  |
| Dr. Smellie's curved ditto . . . . .                      | 0 | 12 | 0  |
| Dr. Rigby's ditto . . . . .                               | 0 | 10 | 6  |
| Dr. Greenhalgh's Ovum Forceps . . . . .                   | 0 | 12 | 6  |
| Dr. Davis's Osteotomist . . . . .                         | 1 | 8  | 0  |
| Sir James Simpson's ditto . . . . .                       | 1 | 10 | 0  |
| Sir James Simpson's ditto, Right and Left, each . . . . . | 0 | 17 | 6  |
| Placenta Forceps . . . . .                                | 0 | 7  | 6  |
| Symonds' Tractor, with jointed handle . . . . .           | 0 | 14 | 0  |
| Dr. Lownde's Vectis, with jointed handle . . . . .        | 0 | 12 | 0  |
| Dr. Lever's ditto . . . . .                               | 0 | 8  | 6  |



FIG. 62.

|                                                                                                                                                                                 |   |    |   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|----|---|
| Dr. Lee's Canula, or Membrane Perforator, Fig. 62 . . . . .                                                                                                                     | 0 | 12 | 0 |
| Dr. Godson's Membrane Perforator . . . . .                                                                                                                                      | 0 | 15 | 0 |
| Dr. Robertson's Instrument for returning the Funis . . . . .                                                                                                                    | 0 | 7  | 6 |
| Dr. Greenhalgh's air or water Vaginal Plugs, three sizes,<br>possess facility of introduction and removal, accurate and<br>comfortable adaptability, the set complete . . . . . | 1 | 1  | 0 |
| Female silver Catheter (sliding for portability) . . . . .                                                                                                                      | 0 | 6  | 6 |
| Ditto with stopcock . . . . .                                                                                                                                                   | 0 | 7  | 6 |
| Ditto, Elastic gum Catheter . . . . .                                                                                                                                           | 0 | 1  | 0 |
| Silver Inflating Tube . . . . .                                                                                                                                                 | 0 | 3  | 6 |
| Frænum Scissors . . . . .                                                                                                                                                       | 0 | 3  | 0 |
| Thompson's Breast Reliever . . . . .                                                                                                                                            | 0 | 2  | 6 |
| Arnold's improved Brass Breast-pump, in mahogany case . . . . .                                                                                                                 | 0 | 10 | 6 |
| Ditto with bent glass ditto . . . . .                                                                                                                                           | 0 | 12 | 6 |

|                                                                                                            | £ | s. | d. |
|------------------------------------------------------------------------------------------------------------|---|----|----|
| India-rubber Nipple Shields, per pair . . . . .                                                            | 0 | 2  | 0  |
| Arnold and Sons' metallic Nipple shields for the prevention<br>and cure of sore Nipples, per box . . . . . | 0 | 2  | 0  |
| Dr. Wansborough's ditto ditto . . . . .                                                                    | 0 | 2  | 6  |
| Boxwood Nipple Shields, per pair . . . . .                                                                 | 0 | 2  | 0  |
| Glass Nipple Shields ditto . . . . .                                                                       | 0 | 1  | 6  |
| Ditto, Shells ditto . . . . .                                                                              | 0 | 2  | 0  |
| India-rubber Breast bottles . . . . .                                                                      | 0 | 2  | 6  |
| Ditto large size . . . . .                                                                                 | 0 | 5  | 0  |
| Feeding Bottles . . . . . 1s., 2s. 6d., and                                                                | 0 | 5  | 0  |
| India-rubber Teats . . . . . per doz.                                                                      | 0 | 2  | 6  |
| Dr. Barnes' Os Uteri Dilators, the complete set . . . . .                                                  | 1 | 1  | 0  |

## MINOR OPERATION INSTRUMENTS.

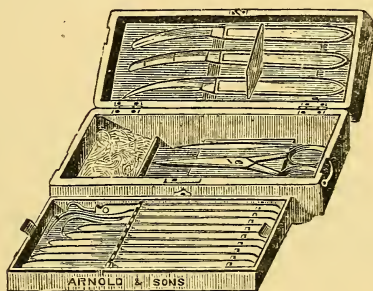


FIG. 63.

Leather case, as Fig. 63, containing—

Four Scalpels.

Curved Bistoury, sharp point.

Ditto ditto blunt point.

Hernia Knife.

Blunt Hook,

Tenaculum.

Aneurism Needle.

Luer's Artery Forceps.

Operating Forceps.

Straight Scissors.

Director.

Six curved Needles.

Tablet Arnold and Sons' improved Ligature Silk.

In ebony handles, the case complete . . . . . £2 2 0

Superior Morocco case, lined with silk velvet, containing—

Four Scalpels.  
 Hernia Knife.  
 Curved Bistoury, probe point.  
 Curved Bistoury, sharp point.  
 Double Hook.  
 Tenaculum.  
 Luer's Artery Forceps.  
 Aneurism Needle.  
 Curved Scissors.  
 Operating Forceps.  
 Director.  
 Six curved Needles.  
 Tablet Arnold and Sons' Surgical Silk Cord.

In ivory handles, the case complete . . . . . £2 10 6

Superior Mahogany case, lined with silk velvet, containing—

Four Operating Scalpels.  
 Curved Bistoury, sharp point.  
 Curved Bistoury, blunt point.  
 Liston's Finger Knife.  
 Hernia Knife.  
 Tenaculum.  
 Double Hook.  
 Aneurism Needle.  
 Two Tumour Needles, Liston's.  
 Luer's Artery Forceps.  
 Curved Scissors.  
 Polypus Forceps.  
 Operating Forceps.  
 Silver Director (Sir A. Cooper's).  
 Hernia Director.  
 Six curved Needles.  
 Tablet Arnold and Sons' Surgical Silk Cord

In ivory handles, the case complete . . . . . £4 4 0

Handsome brass-bound Mahogany case, polished inside, containing—

Four Operating Scalpels.  
 Liston's Finger Knife.  
 Hernia Knife.  
 Curved Bistoury, sharp point.  
 Curved Bistoury, blunt point.  
 Finger Saw.  
 Pair of Bone Forceps.  
 Two Dieffenbach's Artery Forceps.  
 Tenaculum.  
 Double Hook.  
 Aneurism Needle.  
 Two Liston's Tumour Needles.  
 Pair curved Scissors.  
 Pair straight Scissors.  
 Luer's Artery Forceps.  
 Polypus Forceps.  
 Operating Forceps.  
 Hare-lip Forceps.  
 Bone Gouge.  
 Hernia Director.  
 Silver Director (Sir A. Cooper's).  
 Two wire Retractors, plated.  
 Twelve Hare-lip Pins.  
 Silver Wire.  
 Twelve Suture Needles.  
 Two Tablets Arnold and Sons' Surgical Silk Cord.

In ivory handles, the case complete . . . . . £8 8 0

---

Mahogany case, containing six operating Scalpels, ivory  
 handles . . . . . 0 15 0  
 Ditto . . . . . twelve ditto . . . . . 1 10 0  
 Aneurism Needle, ivory handle . . . . . 0 3 0  
 Acupuncturation Needles . . . . . 0 1 6  
 Acupressure Pins . . . . . 0 0 6  
 Luer's Artery Forceps . . . . . 0 7 6  
 Brodie's Silver Director . . . . . 0 8 0  
 Curved Bistoury, probe pointed, ivory handle . . . . . 0 3 6  
 Ditto ditto curved, sharp pointed, ivory handle . . . . . 0 3 6  
 Hernia Bistoury, ivory handle . . . . . 0 3 6  
 Breast Knife, ivory handle . . . . . 0 4 6  
 Straight Bistoury, probe pointed, ivory handle . . . . . 0 3 6

|                                                              | £ | s. | d. |
|--------------------------------------------------------------|---|----|----|
| Straight Bistoury, sharp pointed, ivory handle . . . . .     | 0 | 3  | 6  |
| Curved Scissors . . . . . 3/6 and                            | 0 | 4  | 6  |
| Exploring Needle, in ivory case . . . . .                    | 0 | 2  | 6  |
| Finger Knife, ivory handle . . . . .                         | 0 | 3  | 6  |
| Liston's Hare lip Pins, per doz. . . . .                     | 0 | 2  | 0  |
| Ditto ditto super. " . . . . .                               | 0 | 3  | 0  |
| Hernia Knife, ivory handle . . . . .                         | 0 | 3  | 6  |
| Hernia Director . . . . .                                    | 0 | 4  | 6  |
| Liston's Tumour and Nævus Needle, ivory handle . . . . .     | 0 | 3  | 6  |
| Operating Scalpel, ivory handle . . . . .                    | 0 | 2  | 0  |
| Ditto Scale Tang ditto . . . . .                             | 0 | 3  | 6  |
| Suture Needles, full curved, per doz. . . . .                | 0 | 3  | 0  |
| Ditto half curved " . . . . .                                | 0 | 3  | 0  |
| Suture Needles, straight " . . . . .                         | 0 | 3  | 0  |
| Ditto double curved " . . . . .                              | 0 | 6  | 0  |
| Suture Silk, Arnold and Sons' improved, per tablet . . . . . | 0 | 1  | 6  |
| Ditto ditto per hank . . . . .                               | 0 | 1  | 0  |
| Chinese Twist, per hank . . . . .                            | 0 | 1  | 0  |
| Ordinary Suture Silk . . . . .                               | 0 | 0  | 6  |
| Silver Suture Wire, per hank . . . . .                       | 0 | 2  | 0  |
| Ditto ditto per reel . . . . .                               | 0 | 5  | 0  |



Fig. 64.



Fig. 65.



Fig. 66.



Fig. 67.



Fig. 68.

|                                                              |   |   |   |
|--------------------------------------------------------------|---|---|---|
| Tendon Knives, as Figs. 64, 65, 66, 67, & 68 (ivory handles) | 0 | 3 | 6 |
| Plated Suture Wire, per hank . . . . .                       | 0 | 1 | 0 |
| Ditto ditto per reel . . . . .                               | 0 | 2 | 6 |
| Iron Suture Wire, per hank . . . . .                         | 0 | 0 | 6 |
| Ditto per reel . . . . .                                     | 0 | 1 | 6 |
| Seton Needle (in tortoiseshell) . . . . .                    | 0 | 3 | 0 |

|                                                          | £ | s. | d. |
|----------------------------------------------------------|---|----|----|
| Liston's Taper Screw, for holding the Clavicle . . . . . | 0 | 6  | 6  |
| Tenaculum, Ivory handle . . . . .                        | 0 | 3  | 0  |
| Tumour Hook, Ivory ditto . . . . .                       | 0 | 3  | 6  |
| Liston's Tumour Needles . . . . .                        | 0 | 3  | 0  |

---

## ANATOMICAL SYRINGES.

|                                                                                      |   |    |   |
|--------------------------------------------------------------------------------------|---|----|---|
| Improved Brass, with four plain pipes and stop cock 1 oz.                            | 1 | 3  | 0 |
| Ditto with six ditto 2 oz.                                                           | 1 | 7  | 0 |
| Ditto ditto 4 oz.                                                                    | 1 | 10 | 0 |
| Ditto ditto 6 oz.                                                                    | 1 | 13 | 6 |
| Ditto ditto 8 oz.                                                                    | 1 | 18 | 0 |
| Ditto Electro Plated, with two pipes for minute injections $\frac{1}{2}$ oz. . . . . | 0 | 12 | 6 |

---

## POCKET INSTRUMENTS.

Morocco or Russia leather case, containing—

Curved Bistoury.  
 Gum Lancet.  
 Scissors Dressing.  
 Dressing or Bow Forceps.  
 Syme's Abscess Knife.  
 Scalpel.  
 Silver Probe.  
 Director.  
 Suture Needles.

The above in Tortoiseshell handles . . . . . 1 4 0

---

Morocco or Russia leather case, lined silk velvet, with silver lock, containing—

Curved Bistoury, sharp-pointed.  
 Curved Bistoury, probe-pointed.  
 Gum Lancet.  
 Dressing Scissors.  
 Bow or Dressing Forceps.  
 Syme's Abscess Lancet.  
 Scalpel.  
 Two Silver Probes.  
 Director, plated.  
 Spatula.  
 Six Suture Needles.

The above in Tortoiseshell handles . . . . . £1 10 6

---

Morocco or Russia leather case, lined silk velvet with silver spring lock, containing—

Curved Bistoury, probe-pointed.  
 Curved Bistoury, sharp-pointed.  
 Straight Dressing Scissors  
 Curved Scissors.  
 Bow or Dressing Forceps.  
 Scalpel, double edged.  
 Syme's Abscess Knife.  
 Gum Lancet.  
 Tenaculum.  
 Seton Needle.  
 Spatula, plated.  
 Director, plated.  
 Two Silver Probes.  
 Six Needles.

The above in Tortoiseshell handles . . . . . £2 2 0

---

Morocco or Russia leather case, lined silk velvet, with silver chased spring lock, containing:—

Double Curved Bistoury, with Spring Back.  
 Gum Lancet and Syme's Knife ditto.  
 Scalpel and Finger Knife ditto.  
 Dressing Forceps.  
 Liston's Artery Forceps.

Caustic case, silver.  
 Director, plated.  
 Two Silver Probes.  
 Dressing Scissors.  
 Six Needles.

The above in Tortoiseshell handles . . . . . £3 3 0

---

Morocco or Russia leather case, lined silk velvet, with chased silver-gilt spring lock, containing—

Double Curved Bistoury, with spring back and French catch.  
 Gum Lancet and Symes' Knife ditto.  
 Scalpel and Finger Knife ditto.  
 Straight Dressing Scissors.  
 Dressing or Polypus Forceps.  
 Silver Female Catheter, with stopcock.  
 Luer's Artery Forceps.  
 Caustic Case, A. & Sons' improved, with platinum spring holder to suit any size caustic.  
 Silver Director.  
 Two Silver Probes.  
 Six Needles.

The above in best Tortoiseshell handles . . . . . £4 4 0

---

Superior Morocco or Russia leather case, lined silk velvet with chased silver spring lock, containing—

Double Curved Bistoury, with spring back and French catch.  
 Gum Lancet and Syme's Knife ditto.  
 Scalpel and Finger Knife ditto.  
 Arnold and Sons' improved Caustic Case, with platinum spring holder.  
 Silver Male and Female Catheter, united.  
 Straight Dressing Scissors.  
 French Bow or Polypus Forceps.  
 Luer's Artery Forceps.  
 Silver Director.  
 Two Silver Probes.  
 Exploring Trocar.  
 Six Needles and Silver Wire

The above in superior Tortoiseshell handles . . . . . £5 5 0

Extra superior Morocco or Russia leather Case, lined silk velvet and chased silver-gilt spring lock, containing—

Double Curved Bistoury, with spring back and French catch.  
 Gum Lancet and Syme's Knife ditto.  
 Scalpel and Liston's Finger Knife ditto.  
 Arnold and Sons' improved Silver Caustic Case, with platinum spring holder.  
 Imray's Ear Scoop and Eye Spud.  
 Silver portable Male and Female Catheter, united.  
 Straight Scissors, silver plated.  
 Luer's or Liston's Artery Forceps, silver plated.  
 Bow or Polypus Scissors, silver plated.  
 Silver Director.  
 Two Silver Probes.  
 Spatula, chased, silver plated.  
 Operating Forceps.  
 Exploring Needle and Exploring Trocar.  
 Two Bleeding Lancets.  
 Twelve Needles.  
 Silver Suture Wire.

The above in superior tortoiseshell handles . . . . £7 0 0

---

Arnold and Sons' Diamond Case, No. 1, very portable Morocco or Russia leather, lined silk velvet with silver-gilt lock containing—

Double Curved Bistoury, with spring back and French catch.  
 Gum Lancet and Symes' Knife ditto.  
 Scalpel and Finger Knife ditto.  
 Straight Scissors.  
 French Bow or Dressing Forceps.  
 Luer's or Liston's Artery Forceps.  
 Silver Caustic Holder (seamless tube).  
 Director, electro-plated.  
 Two Silver Probes.  
 Six Needles.  
 Tablet Arnold and Sons' Ligature Silk Cord.

The above in tortoiseshell handles . . . . £3 3 0

---

Arnold and Sons' Diamond Case, No. 2, extremely portable, morocco or Russia, lined silk velvet, with silver-gilt lock, containing—

Double curved Bistoury, with spring back.

Gum Lancet and Syme's Knife, with spring back  
 Scalpel and Finger Knife ditto.  
 Scissors, Straight.  
 Artery Forceps.  
 Dressing Forceps.  
 Director.  
 Two Silver Probes.  
 Six Needles.  
 Ligature Silk.

|                                              |         |
|----------------------------------------------|---------|
|                                              | £ s. d. |
| The above in tortoiseshell handles . . . . . | 2 15 0  |

|                                                                                     |       |
|-------------------------------------------------------------------------------------|-------|
| Abscess Knives, Syme's, in tortoiseshell handle. . . . .                            | 0 2 6 |
| Ditto ditto with spring back, ditto . . . . .                                       | 0 4 6 |
| Ditto ditto ditto ditto, with French catch . . . . .                                | 0 5 6 |
| Abscess Lancets, in tortoiseshell . . . . .                                         | 0 2 6 |
| Abscess Knife (Syme's), and Gum Lancet, with spring back and French catch . . . . . | 0 8 6 |



FIG. 69.

|                                                                                           |       |
|-------------------------------------------------------------------------------------------|-------|
| Syme's and Paget's Abscess Knife, with spring back and French catch, as Fig. 69 . . . . . | 0 8 6 |
| Aneurism Needle, in tortoiseshell . . . . .                                               | 0 2 6 |
| Ditto ditto with spring back . . . . .                                                    | 0 4 6 |
| Ditto ditto ditto and French catch . . . . .                                              | 0 5 6 |

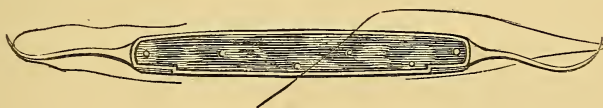


FIG. 70.

|                                                                                        |       |
|----------------------------------------------------------------------------------------|-------|
| Aneurism Needle and Tenaculum, with spring back and French catch, as Fig. 70 . . . . . | 0 8 6 |
| Bistoury curved (probe or sharp) in tortoiseshell . . . . .                            | 0 3 6 |
| Ditto ditto with spring back . . . . .                                                 | 0 5 6 |
| Ditto ditto ditto and French catch . . . . .                                           | 0 6 6 |



FIG. 71.

|                                                                                            |       |
|--------------------------------------------------------------------------------------------|-------|
| Bistoury double, in tortoiseshell, with spring back and French catch, as Fig. 71 . . . . . | 0 9 0 |
|--------------------------------------------------------------------------------------------|-------|

|                                                | £ | s. | d. |
|------------------------------------------------|---|----|----|
| Bistoury, straight, with spring back . . . . . | 0 | 4  | 6  |
| Ditto ditto ditto and French catch . . . . .   | 0 | 5  | 6  |
| Bow Forceps, plain pattern . . . . .           | 0 | 2  | 6  |
| Ditto ditto French pattern . . . . .           | 0 | 4  | 6  |



FIG. 72.

|                                                                                       |   |    |   |
|---------------------------------------------------------------------------------------|---|----|---|
| Clinical Thermometer, Arnold and Sons' improved, in silver case, as Fig. 72 . . . . . | 0 | 12 | 6 |
|---------------------------------------------------------------------------------------|---|----|---|



FIG. 73.

|                                                            |   |    |   |
|------------------------------------------------------------|---|----|---|
| Clinical Thermometer, in plated case, as Fig. 73 . . . . . | 0 | 10 | 6 |
|------------------------------------------------------------|---|----|---|

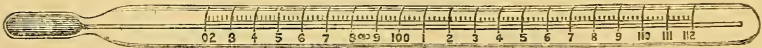


FIG. 74.

|                                                        |   |   |   |
|--------------------------------------------------------|---|---|---|
| Clinical Thermometer, ivory case, as Fig. 74 . . . . . | 0 | 8 | 6 |
| Director, steel . . . . .                              | 0 | 1 | 6 |
| Ditto German silver plated . . . . .                   | 0 | 2 | 6 |
| Ditto silver, extra stout . . . . .                    | 0 | 4 | 6 |



FIG. 75.

|                                                                                                 |   |   |   |
|-------------------------------------------------------------------------------------------------|---|---|---|
| Double-edge Scalpel and Finger Knife, in tortoiseshell, with French catch, as Fig. 75 . . . . . | 0 | 8 | 6 |
| Dressing Forceps, spring . . . . .                                                              | 0 | 2 | 6 |
| Exploring Needle, in ivory turn-back case. . . . .                                              | 0 | 3 | 6 |



FIG. 76.

|                                                              |   |   |   |
|--------------------------------------------------------------|---|---|---|
| Exploring Trocar, in ivory, Fig. 76 . . . . .                | 0 | 7 | 6 |
| Exploring Needle and Liston's Scoop, in ivory case . . . . . | 0 | 5 | 0 |



FIG. 77.

|                                                                         | £ | s. | d. |
|-------------------------------------------------------------------------|---|----|----|
| Finger Knife, in tortoiseshell, with French catch, Fig. 77 . . . . .    | 0 | 5  | 6  |
| Female catheter, electro plated . . . . .                               | 0 | 4  | 0  |
| Ditto ditto silver . . . . .                                            | 0 | 6  | 0  |
| Ditto ditto silver sliding . . . . .                                    | 0 | 6  | 0  |
| Ditto ditto with stopcock . . . . .                                     | 0 | 7  | 6  |
| Ditto ditto Dr. Shephard's, with india-rubber tubing complete . . . . . | 0 | 7  | 6  |



FIG. 78.

|                                                                      |   |   |   |
|----------------------------------------------------------------------|---|---|---|
| Finger Saw in tortoiseshell, with French catch, as Fig. 78 . . . . . | 0 | 5 | 6 |
| Gum Lancet, in tortoiseshell . . . . .                               | 0 | 2 | 6 |
| Ditto ditto with spring back . . . . .                               | 0 | 4 | 6 |
| Ditto ditto ditto and French catch . . . . .                         | 0 | 5 | 6 |



FIG. 79

|                                                                                     |   |   |   |
|-------------------------------------------------------------------------------------|---|---|---|
| Gum Lancet and Tenaculum, in tortoiseshell, with French catch, as Fig. 79 . . . . . | 0 | 8 | 6 |
|-------------------------------------------------------------------------------------|---|---|---|

Ligature Silk, Arnold and Sons' improved, possesses the following advantages over all existing silks hitherto manufactured:—Pure silk and free from all dressing or colouring matter; will not kink or curl under any circumstances; immense strength, and being plaited, will tie securely without untwisting.

|                                                                                               |   |   |   |
|-----------------------------------------------------------------------------------------------|---|---|---|
| Tablet, with four assorted sizes of silk wound thereon, in neat paper case complete . . . . . | 0 | 1 | 6 |
|-----------------------------------------------------------------------------------------------|---|---|---|

Extract from the *Lancet*, October 15th, 1870, page 556:—"We have been supplied with a specimen of this cord, which appears to us to be very good."

*British Medical Journal*, October 8th, 1870, page 393:—"Its recommendations are that it does not twist or curl when used, like the ordinary silk."

*Medical Times and Gazette*, October 15th, 1870, page 465:—"It is of a plaited texture, very strong, and is free from all dressing or colouring matter."

*Medical Press and Circular*, October 12th, 1870, page 300:—"We have seen a sample of this substance, made by Messrs. Arnold and Sons, and can strongly recommend it. We hope some of it may be sent out to the French at the seat of war."

|                                                                                                                   | £ | s. | d. |
|-------------------------------------------------------------------------------------------------------------------|---|----|----|
| Paget's Knife, in tortoiseshell, with French catch . . . . .                                                      | 0 | 6  | 6  |
| Pocket Cases, Russia or Morocco, lined silk velvet, with<br>silver-gilt chased locks . . . . . 7s. 6d., 10s. 6d., | 0 | 12 | 6  |
| Portable Male and Female Catheter, united, plated . . . . .                                                       | 0 | 7  | 6  |
| Ditto ditto ditto steut silver . . . . .                                                                          | 0 | 16 | 6  |
| Probes, silver, extra strong . . . . .                                                                            | 0 | 1  | 0  |
| Scalpel, in tortoiseshell handle . . . . .                                                                        | 0 | 2  | 6  |
| Ditto ditto with spring back . . . . .                                                                            | 0 | 4  | 6  |
| Ditto ditto ditto and French catch . . . . .                                                                      | 0 | 5  | 6  |



FIG. 80.

Scalpel and Finger Knife, with spring back and French catch, as Fig. 80 . . . . . 0 8 6

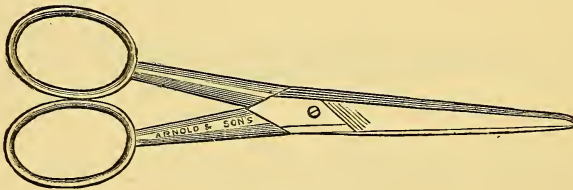


FIG. 81.

Dressing Scissors, Fig. 81 . . . . . 0 2 6

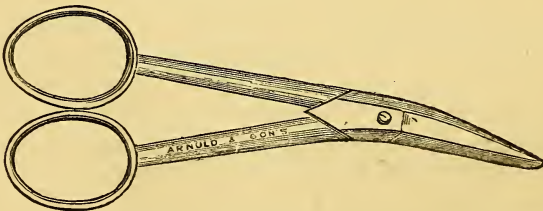


FIG. 82.

Dressing Scissors, curved, small, Fig. 82 . . . . . 0 3 6

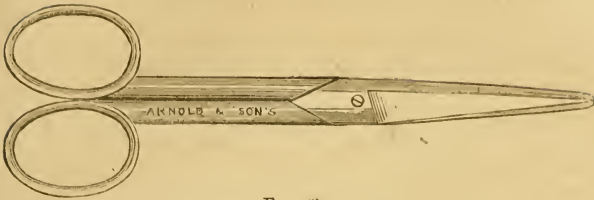


FIG. 83.

|                                            |   |    |    |
|--------------------------------------------|---|----|----|
| Scissors, probe pointed, Fig. 83 . . . . . | £ | s. | d. |
|                                            | 0 | 3  | 6  |

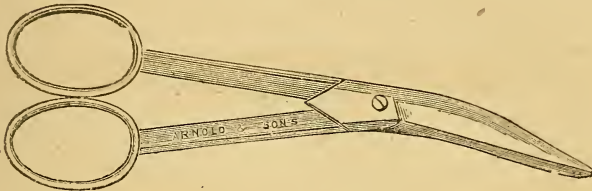


FIG. 84.

|                                                                                                       |   |    |   |
|-------------------------------------------------------------------------------------------------------|---|----|---|
| Scissors, curved, large, Fig. 84 . . . . .                                                            | 0 | 3  | 6 |
| Seton Needles, in tortoiseshell handle . . . . .                                                      | 0 | 3  | 0 |
| Spatula, steel . . . . .                                                                              | 0 | 1  | 0 |
| Ditto electro-plated . . . . .                                                                        | 0 | 2  | 6 |
| Ditto electro-plated and chased . . . . .                                                             | 0 | 2  | 6 |
| Ditto silver, Hall-marked . . . . .                                                                   | 0 | 9  | 0 |
| Syme's Abscess Knife and Gum Lancet, in tortoiseshell, with<br>spring back and French catch . . . . . | 0 | 8  | 6 |
| Syme's Abscess Knife, in tortoiseshell handle . . . . .                                               | 0 | 3  | 0 |
| Ditto ditto ditto with spring back . . . . .                                                          | 0 | 4  | 6 |
| Ditto ditto ditto ditto<br>and French catch . . . . .                                                 | 0 | 5  | 6 |
| Tenaculum, in tortoiseshell handle . . . . .                                                          | 0 | 2  | 6 |
| Ditto ditto with spring back . . . . .                                                                | 0 | 4  | 6 |
| Ditto ditto ditto and French catch . . . . .                                                          | 0 | 5  | 6 |
| Tenaculum and Aneurism Needle, spring back, French catch . . . . .                                    | 0 | 8  | 6 |
| Thermometer, Clinical, Arnold and Sons' improved, in<br>silver case . . . . .                         | 0 | 12 | 6 |
| Ditto ditto ditto plated case . . . . .                                                               | 0 | 10 | 6 |
| Ditto ditto ditto ivory . . . . .                                                                     | 0 | 8  | 6 |



FIG. 85.

|                                                                           |   |   |   |
|---------------------------------------------------------------------------|---|---|---|
| Hernia Bistoury, in tortoiseshell, with spring back, as Fig. 85 . . . . . | 0 | 6 | 6 |
|---------------------------------------------------------------------------|---|---|---|

## POST-MORTEM AND DISSECTING INSTRUMENTS.

Dissecting Instruments in Mahogany case, polished inside, containing—

Four Scalpels in Ebony handles.

Pair Scissors.

Dissecting Forceps.

Blowpipe, German silver.

Set Chain Hooks.

£ s. d.

|                                  |        |
|----------------------------------|--------|
| The above set complete . . . . . | 0 16 0 |
| In Ivory handles . . . . .       | 0 18 6 |

---

Superior Dissecting Instruments in Mahogany case, polished throughout, containing—

Six Scalpels in Ebony handles.

Pair Large Scissors.

Pair Small ditto.

Pair of Best Forceps.

Blowpipe.

Set of Chain Hooks.

|                                  |       |
|----------------------------------|-------|
| The above set complete . . . . . | 1 0 0 |
| In Ivory handles . . . . .       | 1 2 0 |

---

Complete set of Dissecting Instruments in Mahogany case, and polished throughout, containing—

Six Scalpels in chequered Ivory handles.

Large pair best Scissors.

Small ditto.

Pair of Superior Spring Forceps.

Dr. Nicholl's Improved Blowpipe.

Dr. Thomas's Improved Dissecting Hooks.

|                                  |        |
|----------------------------------|--------|
| The above set complete . . . . . | 1 11 6 |
|----------------------------------|--------|

---

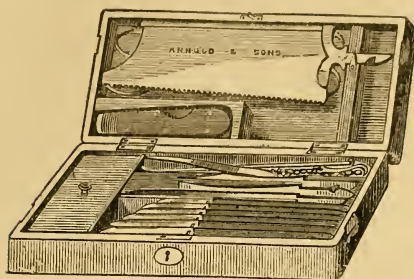


FIG. 86.

Post-mortem Instruments in Mahogany case, as Fig. 86, containing—

- Saw, Cartilage Knife, Catlin and Chisel, fitting one spring socket Ebony handle.
- Spring Forceps.
- Pair of Strong Scissors.
- Three Scalpels in Ebony handles.
- Set of Chain Hooks.

The above, complete . . . . . £2 2 0

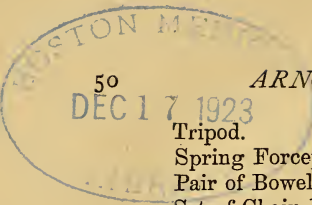
Mahogany case, brass-bound, and polished throughout, containing—

- Saw, Cartilage Knife, Catlin, and Chisel, fitting one spring socket handle.
- Two Scalpels.
- Pair of Strong Scissors.
- Post Mortem Hammer.
- Tripod.
- Pair of Spring Forceps.
- Set Chain Hooks.
- Three Needles.

The above, complete . . . . . £2 15 0

Mahogany brass-bound case, polished throughout, containing—

- Saw, Cartilage Knife, Catlin, and Chisel, fitting one spring socket handle
- Six Scalpels.
- Brain Knife.
- Pair of Strong Scissors.
- Post Mortem Hammer.



- Tripod.
- Spring Forceps.
- Pair of Bowel Scissors.
- Set of Chain Hooks.
- Blowpipe, German Silver.
- Six Needles. £ s. d.

The above, complete . . . . . 4 4 0

---

A superior Mahogany case, brass-bound, with side hooks, and polished throughout, containing—

- Extra strong Post Mortem Saw.
- Double Spine Saw.
- Post Mortem Hammer.
- Strong Chisel, with cross handle.
- Spine Chisel.
- Brain Knife.
- Six Scalpels.
- Pair of Strong Scissors.
- Bowel Scissors.
- Two Cartilage Knives.
- Two Spring Forceps.
- Sharp Hook.
- Head Rest.
- Six Needles.
- Set of Chain Hooks.
- Dr. Nicholl's Blowpipe.

The above, complete . . . . . 7 15 0

---

|                                                                      |          |   |    |   |
|----------------------------------------------------------------------|----------|---|----|---|
| Brain Knife . . . . .                                                |          | 0 | 5  | 0 |
| Bowel Scissors . . . . .                                             |          | 0 | 6  | 6 |
| Blowpipes, German Silver . . . . .                                   |          | 0 | 1  | 6 |
| Ditto Dr. Nicholl's Improved (see <i>Lancet</i> ). . . . .           |          | 0 | 3  | 6 |
| Chain Hooks . . . . .                                                | per set  | 0 | 2  | 0 |
| Cartilage Knife . . . . .                                            |          | 0 | 4  | 0 |
| Cartilage Nippers, extra strong . . . . .                            |          | 0 | 18 | 6 |
| Dissecting Forceps . . . . .                                         | 2s. and  | 0 | 2  | 6 |
| Gloves, Post-mortem . . . . .                                        | per pair | 0 | 6  | 6 |
| Hammer and Chisel . . . . .                                          |          | 0 | 8  | 6 |
| Hooks, Dissecting . . . . .                                          | per set  | 0 | 2  | 0 |
| Ditto Mr. W. Thomas's (see <i>Lancet</i> , Sept. 17, 1870, . . . . . |          | 0 | 5  | 0 |

|                                            | £ | s. | d. |
|--------------------------------------------|---|----|----|
| Scalpels, in Ivory handles, best . . . . . | 0 | 2  | 0  |
| Saw, with rounded point . . . . .          | 0 | 14 | 0  |
| Ditto with jointed handle . . . . .        | 0 | 16 | 0  |

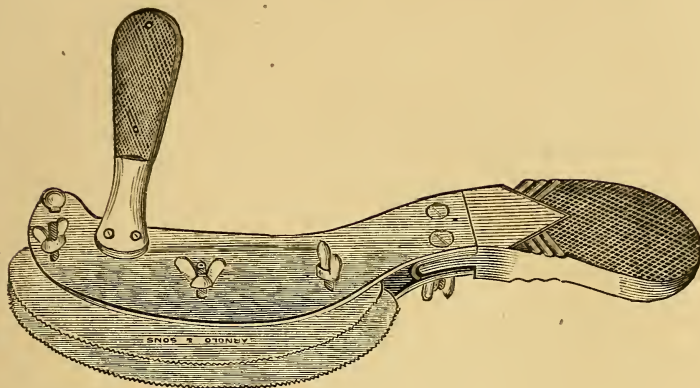


FIG. 87.

|                                                         |         |    |     |
|---------------------------------------------------------|---------|----|-----|
| Charrier's Double Saw, for the Spine, Fig. 87 . . . . . | 2       | 5  | 0   |
| Spine Chisel . . . . .                                  | 0       | 4  | 0   |
| Ditto very strong . . . . .                             | 0       | 8  | 0   |
| Scissors . . . . .                                      | 3s. and | 0  | 3 6 |
| Skull Rests . . . . .                                   | 0       | 10 | 6   |
| Nicholl's Blowpipe and Stilette . . . . .               | 0       | 3  | 6   |

Extract from the *Lancet*, January 21st, 1871:—"The Blowpipe now in use it continually getting blocked up in consequence of the necessity of having to thrust it through animal tissues."

Extract from the *British Medical Journal*, March 4, 1871:—"An improved form of Blowpipe for dissecting purposes has been devised by Mr. Nicholls, and is manufactured by Messrs. Arnold and Sons, of West Smithfield. The instrument, if not used for dissection, may be employed as an ordinary trocar and canula."

## EYE INSTRUMENTS.

Leather case, containing—

- Cataract Knife.
- Pair Iris Scissors.
- Iris Forceps.
- Cilia Forceps.
- Curette and Hook.

Tyrrell's Hook.  
 Two Needles.  
 Two Lachrymal Probes.  
 Spring Speculum.

The above, in case . . . . . £2 10 0

---

Morocco case, lined silk velvet, containing—

White Cooper's Cataract Knife.  
 Beer's ditto ditto.  
 Beer's Needle for Solution.  
 Saunder's ditto.  
 Scarpa's ditto.  
 Tyrrell's Hook.  
 Silver Hook and Curette.  
 Adam's Eye-lid Retractor.  
 Two Paris Maunoir's Scissors.  
 Set of Bowman's Lachrymal Probes.  
 Critchett's Director for the Canaliculus.  
 Pair Cilia Forceps.  
 Pair Iris Forceps.

The above, complete in case . . . . . £3 12 0

---

Handsome Morocco case, lined silk velvet, containing—

White Cooper's Cataract Knife.  
 Beer's ditto ditto.  
 Dixon's ditto ditto.  
 Two Sichel's ditto.  
 Two Scarpa's Needles.  
 Two Saunder's ditto.  
 Two Beer's ditto.  
 Walton's Foreign Body Scoop.  
 Walton's Curette and Hook.  
 Tyrrell's Hook.  
 Schuft's Double Spoon.  
 Two Pairs Maunoir's Scissors.  
 Cilia Forceps.  
 Two Iris Forceps.  
 Set of Bowman's Probes.

Critchett's Director for the Canaliculus.

Adams' Speculum.

Gilt wire Spring Speculum.

The above set, complete . . . . . £6 10 0

Extra superior case, lined silk velvet, containing—

One Dixon's Knife.

Two Sichel's ditto.

Silver Curette and Hook.

Tyrrell's Hook.

Canaliculus Knife.

Set of Bowman's Probes.

Critchett's Director.

Iridectomy Knife, Broad.

Iridectomy Knife, Narrow.

Critchett's Knife.

Broad Cutting Needle.

Bowman's Stop ditto.

Two Scarpa's ditto.

Two Beer's ditto.

Two Dalrymple ditto.

Two Small Scalpels.

Spatula.

Entropium Forceps.

Schuff's Forceps.

Iris Forceps, curved.

Iris Forceps, straight.

Cilia Forceps.

Scissors for the Canaliculus.

Two Pairs Maunoir's Scissors.

Strabismus Scissors.

Spring Specula, with slide.

Strabismus Hook.

Strabismus Forceps.

Lever Canula Instrument with Scissors and Forceps.

The above case, complete . . . . . £12 7 6

|                                                                      | £ | s. | d. |
|----------------------------------------------------------------------|---|----|----|
| Anel's Silver Eye Syringe with Gold Probe, in Morocco case . . . . . | 2 | 0  | 0  |
| Ditto ditto Electro Plated . . . . .                                 | 1 | 5  | 0  |
| Bowman's set of Probes in metal case . . . . .                       | 0 | 6  | 6  |

|                                                                                                 | £ | s. | d. |
|-------------------------------------------------------------------------------------------------|---|----|----|
| Bowman's Double Spud . . . . .                                                                  | 0 | 6  | 6  |
| Walton's Bistoury for Fistula Lachrymalis . . . . .                                             | 0 | 4  | 0  |
| Capsular Forceps, with needle point . . . . .                                                   | 1 | 10 | 0  |
| Ditto ditto (Lithotrite pattern) . . . . .                                                      | 1 | 10 | 0  |
| Capsular Forceps, ditto with cutting point . . . . .                                            | 1 | 10 | 0  |
| Capsular Scissors, sharp pointed . . . . .                                                      | 1 | 10 | 0  |
| Wyld's ditto with lever . . . . .                                                               | 1 | 15 | 0  |
| Sichel's Cataract Knife . . . . .                                                               | 0 | 4  | 0  |
| Graefe's ditto ditto . . . . .                                                                  | 0 | 4  | 0  |
| Walton's ditto ditto . . . . .                                                                  | 0 | 4  | 0  |
| Cataract Needles, various . . . . .                                                             | 0 | 4  | 0  |
| Chalk's Eye Drop Bottle . . . . .                                                               | 0 | 2  | 0  |
| Ditto ditto Improved in case . . . . .                                                          | 0 | 6  | 0  |
| Cilia Forceps, various patterns . . . . .                                                       | 0 | 3  | 6  |
| Curette and Hook . . . . .                                                                      | 0 | 6  | 6  |
| Graefe's Cystotome and Curette . . . . .                                                        | 0 | 7  | 6  |
| Desmarre's Hooks . . . . .                                                                      | 0 | 4  | 0  |
| Ditto Forceps . . . . .                                                                         | 0 | 5  | 0  |
| Ditto Needle . . . . .                                                                          | 0 | 4  | 0  |
| Double Hook . . . . .                                                                           | 0 | 4  | 0  |
| Guthrie's Director for Strabismus . . . . .                                                     | 0 | 4  | 0  |
| Critchett's ditto for the Canaliculus . . . . .                                                 | 0 | 3  | 0  |
| White Cooper's Entropium Forceps . . . . .                                                      | 0 | 8  | 0  |
| Cross-action ditto ditto . . . . .                                                              | 0 | 8  | 0  |
| Desmarre's ditto ditto . . . . .                                                                | 0 | 8  | 0  |
| Wylde's ditto ditto . . . . .                                                                   | 0 | 5  | 0  |
| Bowman's Eye Douches . . . . .                                                                  | 0 | 5  | 0  |
| Ditto ditto in leather case . . . . .                                                           | 0 | 6  | 6  |
| Arnold and Sons' Eye Fountain . . . . .                                                         | 0 | 7  | 6  |
| Ditto ditto ditto electro plated . . . . .                                                      | 0 | 12 | 6  |
| Savory and Moore's ditto . . . . .                                                              | 0 | 14 | 0  |
| Arnold and Son's Improved Double Action Eye Fountain,<br>in morocco case lined velvet . . . . . | 0 | 14 | 0  |
| Ditto ditto electro plated . . . . .                                                            | 0 | 17 | 6  |
| Eye Syringe, with bone Jet . . . . .                                                            | 0 | 2  | 6  |
| Arnold and Sons' Eye-lid Retractor . . . . .                                                    | 0 | 6  | 6  |
| Pellier's ditto . . . . .                                                                       | 0 | 5  | 6  |
| Bowman's ditto . . . . .                                                                        | 0 | 3  | 6  |
| Adams' ditto . . . . .                                                                          | 0 | 3  | 6  |
| Critchett's ditto . . . . .                                                                     | 0 | 6  | 6  |
| Walton's ditto . . . . .                                                                        | 0 | 7  | 6  |
| Eye Shade, single, covered silk . . . . .                                                       | 0 | 0  | 6  |
| ditto double . . . . .                                                                          | 0 | 1  | 0  |
| Hook for steadying the Eye-ball, in Strabismus . . . . .                                        | 0 | 4  | 0  |
| Hulke's Suture Needle . . . . .                                                                 | 0 | 5  | 0  |
| Iris Forceps . . . . .                                                                          | 0 | 4  | 0  |
| Iris Knife . . . . .                                                                            | 0 | 4  | 0  |
| Angular Iridectomy Knife, broad and narrow . . . . .                                            | 0 | 5  | 0  |

|                                                                | £ | s. | d. |
|----------------------------------------------------------------|---|----|----|
| Jaeger's Iridectomy Knife, broad and narrow . . . . .          | 0 | 5  | 0  |
| Jacob's Curved Needle . . . . .                                | 0 | 4  | 0  |
| Jacob's Straight Needle . . . . .                              | 0 | 4  | 0  |
| Lawrence's Eyelid Compressor, right and left . . . . . each    | 0 | 12 | 0  |
| ditto ditto for the lower lid . . . . .                        | 0 | 10 | 6  |
| Lachrymal Bougies, Laminaria Digitala . . . . . per set        | 0 | 3  | 0  |
| Calken's Patent Occhiombra, or Transparent Eye Shade . . . . . | 0 | 5  | 6  |
| Ditto ditto double texture . . . . .                           | 0 | 6  | 6  |
| Ditto ditto treble texture . . . . .                           | 0 | 7  | 6  |
| Cases for ditto . . . . .                                      | 0 | 0  | 6  |

NOTE.—This eye shade is made with a very light framework of metal, over which is strained a very fine transparent fabric. They are made in various colours to suit the requirements of those whose eyes require a blue, green or neutral tint.

ARNOLD AND SONS' Improved Eye Shade is fitted with head spring and small pad resting on the forehead, to which is attached a small socket adjustable at any angle required. . . . . each 0 5 0

Liebreich's Ophthalmoscope, with Lenses, complete, in case £1 0 0

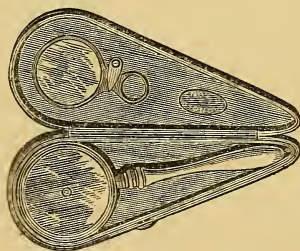


FIG. 88.

Ophthalmoscope, with Reflector and Magnifying Lens, in morocco case, Fig. 88 . . . . . 0 12 0

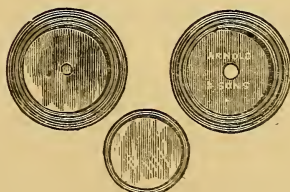


FIG. 89.

Arnold and Sons' Improved Portable Ophthalmoscope, in vulcanite case, for the pocket, Fig. 89 . . . . . 0 10 6

|                                                    | £ | s. | d. |
|----------------------------------------------------|---|----|----|
| Coccini's Ophthalmoscope. . . . .                  | 0 | 17 | 6  |
| Critchett's ditto . . . . .                        | 1 | 1  | 0  |
| Zehender's ditto . . . . .                         | 1 | 4  | 0  |
| Beale's Self-Illuminating Ophthalmoscope . . . . . | 2 | 2  | 0  |

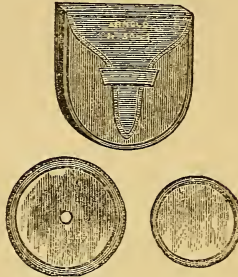


FIG. 90.

|                                                            |   |    |   |
|------------------------------------------------------------|---|----|---|
| Bader's Ophthalmoscope, in leather case, Fig. 90 . . . . . | 0 | 12 | 6 |
|------------------------------------------------------------|---|----|---|

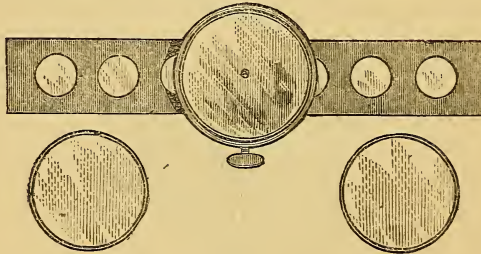


FIG. 91.

|                                                                                                                         |   |    |   |
|-------------------------------------------------------------------------------------------------------------------------|---|----|---|
| Arnold and Sons' Improved Ophthalmoscope, with shifting Diaphragm, and six Lenses, complete, in case, Fig. 91 . . . . . | 1 | 0  | 0 |
| Soelberg Wells's Portable Ophthalmoscope, with lenses, &c., complete in morocco case . . . . .                          | 1 | 1  | 0 |
| Walton's Probes, for the Lachrymal duct, the set, in case . . . . .                                                     | 0 | 6  | 6 |
| Bowman's Probes, the set in case . . . . .                                                                              | 0 | 5  | 0 |
| Desmarre's Scarifying Knife . . . . .                                                                                   | 0 | 5  | 0 |
| Schuff's double Silver Spoon . . . . .                                                                                  | 0 | 12 | 6 |
| Maunoir's Scissors, straight . . . . .                                                                                  | 0 | 5  | 6 |
| Ditto curved . . . . .                                                                                                  | 0 | 5  | 6 |
| Snellin's Eyelid Compressor, right and left . . . . . each                                                              | 0 | 12 | 0 |
| Ware's Styles for Fistula Lachrymalis . . . . .                                                                         | 0 | 1  | 6 |
| Ditto ditto gilt . . . . .                                                                                              | 0 | 2  | 0 |
| Arnold and Sons' (hollow) ditto . . . . .                                                                               | 0 | 2  | 0 |

|                                                                                | £ | s. | d. |
|--------------------------------------------------------------------------------|---|----|----|
| Critchett's Strabismus Scissors . . . . .                                      | 0 | 4  | 6  |
| Bowman's ditto . . . . .                                                       | 0 | 3  | 6  |
| Strabismus Blunt Hook . . . . .                                                | 0 | 3  | 6  |
| Walton's Scalpels . . . . .                                                    | 0 | 4  | 0  |
| Schuff's Forceps . . . . .                                                     | 0 | 8  | 0  |
| Spring Speculum . . . . .                                                      | 0 | 5  | 0  |
| Adams's ditto . . . . .                                                        | 0 | 3  | 6  |
| Gilt-wire Spring ditto . . . . .                                               | 0 | 5  | 0  |
| Arnold and Sons' Improved ditto, with Regulating Bar . . . . .                 | 0 | 7  | 6  |
| Desmarre's ditto . . . . .                                                     | 0 | 5  | 0  |
| Scissors for the Canaliculus . . . . .                                         | 0 | 7  | 0  |
| Strabismus Forceps . . . . .                                                   | 0 | 3  | 6  |
| Tyrrel's Hook . . . . .                                                        | 0 | 4  | 0  |
| Walton's Foreign Body Scoop . . . . .                                          | 0 | 4  | 0  |
| Walton's Probe for the Lachrymal Duct . . . . . 1s. and                        | 0 | 3  | 0  |
| Walton's Silver Syringe, complete, with Three Pipes, in morocco case . . . . . | 1 | 17 | 6  |
| Walton's Spud . . . . .                                                        | 0 | 4  | 0  |
| Walton's Spud, curved . . . . .                                                | 0 | 4  | 0  |
| Walton's Director . . . . .                                                    | 0 | 4  | 0  |
| Walton's Bistoury . . . . .                                                    | 0 | 4  | 0  |
| Walker's Knife . . . . .                                                       | 0 | 4  | 0  |
| Sichel's Knife . . . . .                                                       | 0 | 4  | 0  |
| Dixon's ditto . . . . .                                                        | 0 | 4  | 0  |
| Iridectomy Knife . . . . .                                                     | 0 | 5  | 0  |
| Canaliculus ditto . . . . .                                                    | 0 | 4  | 0  |
| Critchett's ditto . . . . .                                                    | 0 | 4  | 0  |
| Tyrrell's ditto . . . . .                                                      | 0 | 4  | 0  |
| White Cooper's ditto . . . . .                                                 | 0 | 4  | 0  |
| Broad-cutting Needle . . . . .                                                 | 0 | 4  | 0  |
| Bowman's ditto . . . . .                                                       | 0 | 4  | 0  |
| Scarpa's Needle for reclination . . . . .                                      | 0 | 4  | 0  |
| Walton's ditto ditto . . . . .                                                 | 0 | 4  | 0  |
| Dalrymple's ditto ditto . . . . .                                              | 0 | 4  | 0  |
| Beer's Needle for solution . . . . .                                           | 0 | 4  | 0  |
| Saunders' ditto . . . . .                                                      | 0 | 4  | 0  |
| Jacobs' ditto curved and straight . . . . .                                    | 0 | 4  | 0  |
| Guthries' Strabismus Knife . . . . .                                           | 0 | 4  | 0  |
| Beer's ditto . . . . .                                                         | 0 | 4  | 0  |
| Jaeger's Iridectomy Knife . . . . .                                            | 0 | 4  | 0  |
| Ditto curved ditto . . . . .                                                   | 0 | 4  | 0  |
| Walker's ditto, for the extraction of the soft lens . . . . .                  | 0 | 4  | 0  |
| Walton's ditto, for the Lachrymal Duct . . . . .                               | 0 | 4  | 0  |

## LITHOTOMY AND LITHOTRITY INSTRUMENTS.

Mahogany case, brass bound and lined silk velvet, containing—

- Three Steel Thompson's Sounds.
- One Female ditto.
- Four Staffs.
- Two pairs Liston's Forceps.
- One ditto curved.
- Two Liston's Knives.
- Two Scoops.
- Two Elastic Gum Tubes.
- Two Web Bandages.

The above, complete . . . . . £6 15 0

Super Mahogany case, brass bound and lined silk velvet, containing—

- Three Sir H. Thompson's straight Forceps.
- One ditto ditto curved.
- Three Liston's Knives.
- One Sir H. Thompson's Knife.
- Four Steel Sounds, Male.
- One ditto Female.
- Four Lateral Staffs.
- Three Median ditto.
- Two Hollow Sounds, plated.
- Two Scoops.
- One Clover's ditto bent.
- Three Silver-mounted Elastic Gum Tubes.
- One Searcher.
- Syringe and Stop-cock, with Sir H. Thompson's Ball Nozzle for the Bladder.
- Prichard's Leather Cuffs and Anklets.

The case as above . . . . . £13 15 0

Case of Lithotriety Instruments, brass bound and lined silk velvet, containing—

- Sir H. Thompson's Lithotrite.
- Lithotrite, with Flat Blade (for *debris*).

Lithotrite, with flat Blade (for *debris*), for Children.  
 Forceps for removing fragments.  
 Silver Catheter, Hall marked.  
 Brass Syringe for ditto

The above complete . . . . . £18 18 0

|                                                                                                                                                 | £ | s. | d. |
|-------------------------------------------------------------------------------------------------------------------------------------------------|---|----|----|
| Bladder Syringe and Stop-cock, fitted with Sir H. Thompson's plated Ball Nozzle, in case . . . . .                                              | 1 | 6  | 0  |
| Buchanan's Rectangular Staff . . . . .                                                                                                          | 0 | 7  | 6  |
| Brodie's Double Channel, Silver Hall-marked Catheter, for Injecting the Bladder (continuous stream) . . . . .                                   | 1 | 10 | 0  |
| Ditto ditto Arnold and Sons' Improved . . . . .                                                                                                 | 1 | 14 | 6  |
| Brass Catheter Syringe . . . . .                                                                                                                | 0 | 10 | 6  |
| Clover's Debris Extractor (by suction) . . . . .                                                                                                | 1 | 12 | 0  |
| Sir A. Cooper's Calculus Extractor . . . . .                                                                                                    | 1 | 15 | 0  |
| Luer's ditto . . . . .                                                                                                                          | 1 | 10 | 0  |
| Concealed Bistoury . . . . .                                                                                                                    | 0 | 15 | 0  |
| Teale's Dilator, three blades, for Median Lithotomy . . . . .                                                                                   | 2 | 10 | 0  |
| Vincent Jackson's two-bladed ditto . . . . .                                                                                                    | 2 | 2  | 0  |
| Erichsen's Silver Catheters, for <i>debris</i> , with elastic gum stilettes, aperture at end, on the inside of curve, and at the side . . . . . | 1 | 1  | 0  |
| Ferguson's Instruments for Extracting small Stones . . . . .                                                                                    | 2 | 2  | 0  |
| Female Staff . . . . .                                                                                                                          | 0 | 4  | 0  |
| Gorgets, Blunt . . . . .                                                                                                                        | 0 | 6  | 6  |
| Gorgets, Cutting . . . . .                                                                                                                      | 0 | 8  | 6  |

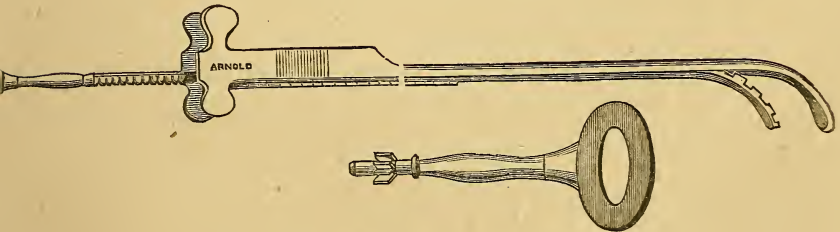


FIG. 92.

|                                                        |   |    |   |
|--------------------------------------------------------|---|----|---|
| Ferguson's Lithotrite, Fig. 92 . . . . .               | 4 | 0  | 0 |
| Civiale's ditto Brise Pierre for the Urethra . . . . . | 3 | 10 | 0 |
| Urethral Lithoclast . . . . .                          | 1 | 16 | 0 |

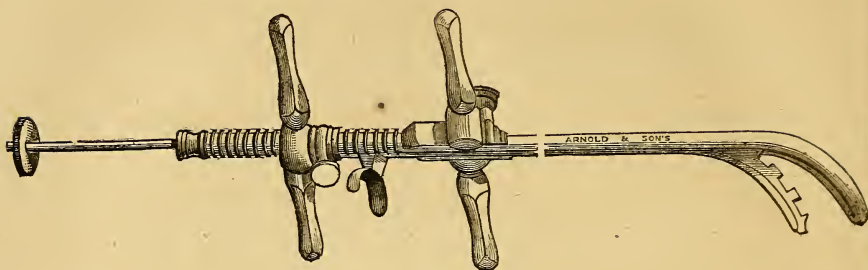


FIG. 93.

|                                                             | £ | s. | d. |
|-------------------------------------------------------------|---|----|----|
| Improved Lithotrite, with Percussion Rod, Fig. 93 . . . . . | 4 | 4  | 0  |
| Brodie's ditto . . . . .                                    | 4 | 0  | 0  |
| Liston's ditto . . . . .                                    | 4 | 0  | 0  |

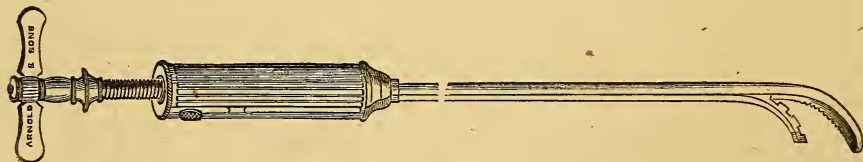


FIG. 94.

|                                                                                                                                                         |   |    |   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|---|----|---|
| Sir H. Thompson's Lithotrite. (By a simple arrangement the above Lithotrite can instantly be converted from sliding to screw action.) Fig. 94 . . . . . |   |    | 0 |
| Ditto ditto, with flat Blade for <i>debris</i> . . . . .                                                                                                | 5 | 10 | 0 |
| Ditto ditto, without screw motion, for Children . . . . .                                                                                               | 3 | 0  | 0 |
| Liston's Lateral Groove Lithotomy Staff . . . . .                                                                                                       | 0 | 7  | 6 |
| Children's Ditto . . . . .                                                                                                                              | 0 | 6  | 6 |
| Erichsen's Hollow Sound . . . . .                                                                                                                       | 0 | 7  | 6 |
| Ditto plated . . . . .                                                                                                                                  | 0 | 12 | 0 |
| Ditto Children's ditto . . . . .                                                                                                                        | 0 | 7  | 6 |
| Sir H. Thompson's ditto, for Median operation, Large . . . . .                                                                                          | 0 | 7  | 6 |
| Ditto ditto ditto Small . . . . .                                                                                                                       | 0 | 6  | 6 |
| Erichsen's Lithotomy Knife, Fig. 95 . . . . .                                                                                                           | 0 | 3  | 6 |
| Liston's ditto Fig. 96 . . . . .                                                                                                                        | 0 | 3  | 6 |
| Blizard's ditto Fig. 97 . . . . .                                                                                                                       | 0 | 5  | 6 |
| Brodie's ditto Fig. 98 . . . . .                                                                                                                        | 0 | 3  | 6 |
| Wormald's ditto Fig. 99 . . . . .                                                                                                                       | 0 | 5  | 6 |

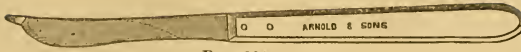


FIG. 100.



FIG. 99.

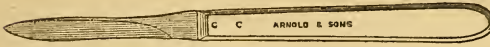


FIG. 98.



FIG. 97.

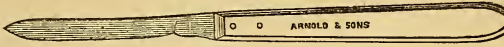


FIG. 96.

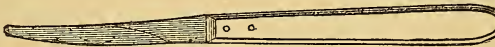


FIG. 95.

|                                                                                           | £ | s. | d. |
|-------------------------------------------------------------------------------------------|---|----|----|
| Thompson's Lithotomy Knife, Fig. 100 . . . . .                                            | 0 | 5  | 6  |
| Webber's ditto . . . . .                                                                  | 0 | 15 | 0  |
| Ferguson's ditto probe point . . . . .                                                    | 0 | 4  | 0  |
| Keys's ditto . . . . .                                                                    | 0 | 3  | 6  |
| Lithotome, with two blades . . . . .                                                      | 2 | 17 | 6  |
| Lithotomy Scoop, three sizes . . . . .                                                    | 0 | 5  | 0  |
| Ditto Erichsen's . . . . .                                                                | 0 | 6  | 6  |
| Ditto Clover's Bent . . . . .                                                             | 0 | 5  | 6  |
| Sir H. Thompson's Lithotomy Forceps . . . . . 7s., 9s.,                                   | 0 | 11 | 6  |
| Curved ditto . . . . .                                                                    | 0 | 14 | 0  |
| Ditto ditto Fenestrated Blade . . . . .                                                   | 0 | 12 | 0  |
| Cross Action ditto . . . . .                                                              | 0 | 10 | 6  |
| Pritchard's Lithotomy Bandages . . . . . per set                                          | 1 | 1  | 0  |
| Flannel ditto . . . . .                                                                   | 0 | 1  | 6  |
| Leroy D'Etoile's Instrument for Extracting Foreign Bodies<br>from the Urethra . . . . .   | 1 | 10 | 0  |
| Sir H. Thompson's Lithotomy Sound, hollow, with bulbous<br>point, fluted handle . . . . . | 0 | 15 | 0  |
| Lithotomy Sound, with plain handle . . . . .                                              | 0 | 12 | 0  |
| Ditto to measure calculi . . . . .                                                        | 1 | 15 | 0  |
| Ditto Bottle, with brass stop-cock for the above                                          | 0 | 8  | 0  |

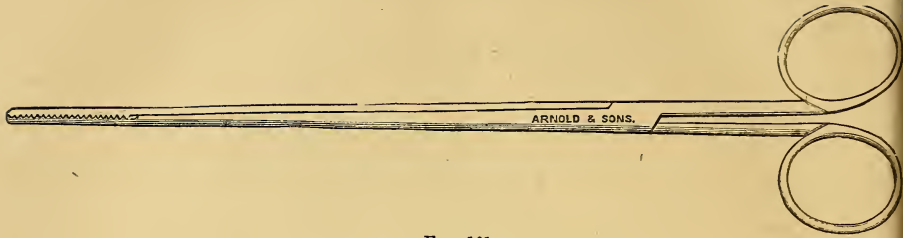


FIG. 101.

|                                                       | £ | s. | d. |
|-------------------------------------------------------|---|----|----|
| Sir H. Thompson's Urethra Forceps, Fig. 101 . . . . . | 0 | 7  | 6  |

## CAUSTIC CASES.

|                                                                                                                                        |   |    |   |
|----------------------------------------------------------------------------------------------------------------------------------------|---|----|---|
| Ivory Caustic Case, portable . . . . .                                                                                                 | 0 | 1  | 6 |
| Ditto           and Precipitate Case . . . . .                                                                                         | 0 | 2  | 0 |
| Ivory Speculum Case, fitted with silver Caustic Holder<br>(palladium), Sponge Holder, and Scarifying Lancet . . . . .                  | 1 | 0  | 0 |
| Ebony Caustic Case, with silver holder . . . . .                                                                                       | 0 | 2  | 6 |
| Ebony Speculum Case, fitted with silver Caustic Holder<br>(palladium), Sponge Holder, and Scarifying Lancet . . . . .                  | 0 | 12 | 6 |
| Vulcanite Caustic Holder, portable . . . . .                                                                                           | 0 | 2  | 6 |
| Ditto           long . . . . .                                                                                                         | 0 | 3  | 6 |
| Glass Caustic Bottle, in leather case . . . . .                                                                                        | 0 | 1  | 6 |
| Glass Caustic Brush . . . . .                                                                                                          | 0 | 0  | 6 |
| Ophthalmic Caustic Case, with propelling screw . . . . .                                                                               | 0 | 12 | 6 |
| Arnold and Sons' Seamless Tube, silver Caustic Case, with<br>platina spring holder, adjustable to any size Caustic,<br>small . . . . . | 0 | 12 | 0 |
| Ditto           ditto           ditto           medium . . . . .                                                                       | 0 | 15 | 0 |
| Ditto           ditto           ditto           large . . . . .                                                                        | 0 | 17 | 6 |
| Silver Seamless Tube Caustic Case and Exploring Needle . . . . .                                                                       | 1 | 0  | 0 |
| Ditto           ditto           with Exploring Trocar . . . . .                                                                        | 1 | 3  | 6 |
| Ditto           ditto           with Inray's Scoop and<br>Eye Spud . . . . .                                                           | 1 | 3  | 6 |
| Silver Caustic Case, small . . . . .                                                                                                   | 0 | 6  | 6 |
| Ditto           gilt holder . . . . .                                                                                                  | 0 | 8  | 6 |
| Ditto           with Exploring Trocar, and Canula and<br>Walton's foreign Body Scoop . . . . .                                         | 1 | 7  | 6 |
| Silver Caustic and Precipitate Case . . . . .                                                                                          | 0 | 12 | 6 |
| Platinum Caustic Case . . . . .                                                                                                        | 1 | 15 | 0 |
| Electro-plated Caustic Case . . . . .                                                                                                  | 0 | 3  | 6 |
| Ditto           ditto           with Exploring Needle . . . . .                                                                        | 0 | 7  | 6 |
| Ditto           ditto           with Sponge Holder . . . . .                                                                           | 0 | 7  | 6 |

## LANCETS.

|                                                                  | £ | s. | d. |
|------------------------------------------------------------------|---|----|----|
| Bleeding Lancets, in tortoise-shell . . . . .                    | 0 | 1  | 6  |
| Ditto in pearl . . . . .                                         | 0 | 2  | 6  |
| Abscess Lancets, in tortoise-shell . . . . .                     | 0 | 2  | 6  |
| Vaccinating Lancets, in tortoise-shell . . . . .                 | 0 | 2  | 6  |
| Spratley's Vaccinator, in ivory, turn-back case . . . . .        | 0 | 2  | 6  |
| Vaccinating Lancet and Bottle, in case . . . . .                 | 0 | 5  | 6  |
| Vaccinating Bottle with Glass Quill for Lymph, in case . . . . . | 0 | 1  | 6  |
| Nicholas's Vaccine Inciter . . . . .                             | 0 | 6  | 6  |
| Ditto ditto without handle . . . . .                             | 0 | 5  | 6  |
| Weir's Vaccinator, with pins . . . . .                           | 0 | 3  | 0  |
| Vaccine Tubes, Capillary, per bundle . . . . .                   | 0 | 1  | 0  |
| Cases for ditto . . . . .                                        | 0 | 0  | 6  |
| Ivory Vaccine Points, per hundred . . . . .                      | 0 | 2  | 6  |
| Silver Lancet Cases, plain . . . . .                             | 0 | 12 | 0  |
| Ditto engine turned, for two Lancets . . . . .                   | 0 | 18 | 0  |
| Ditto ditto for four ditto . . . . .                             | 1 | 3  | 6  |
| Leather Lancet Cases, one-hole . . . . .                         | 0 | 0  | 6  |
| Ditto two-hole . . . . .                                         | 0 | 0  | 8  |
| Ditto four-hole . . . . .                                        | 0 | 1  | 0  |

## CUPPING INSTRUMENTS.

A Mahogany Case, containing—

Scarificator  
 Brass Lamp  
 Nest of Cupping Glasses  
 Spirit Bottle

The above, complete . . . . . £2 6 0

A Mahogany Case, containing—

Arnold and Sons' Improved Scarificator  
 Bayfield's Ball Lamp  
 Two Nests Cupping Glasses  
 Spirit Bottle

The above, complete . . . . . £2 15 0

A Mahogany brass-bound Case, lined silk velvet, containing—

Arnold and Sons' Improved Scarificator.

Air Pump, brass.

Five (valve) Glasses.

The above, complete . . . . . £3 10 6

Superior Mahogany Case, brass-bound, and lined silk velvet, containing—

Arnold and Sons' Improved Large Scarificator.

Ditto Temple ditto.

Bayfield's Ball Lamp.

Two Nests Cupping Glasses.

Spirit Bottle.

The above, complete . . . . . £4 9 0

|                                                                                                              |   |    |   |
|--------------------------------------------------------------------------------------------------------------|---|----|---|
| Air Pump, brass, with six Cupping Glasses, valved for dry cupping . . . . .                                  | 0 | 17 | 6 |
| Cupping Bottles, stout rubber . . . . .                                                                      | 0 | 2  | 6 |
| Cupping Lamp, brass . . . . .                                                                                | 0 | 2  | 6 |
| Ditto Bayfield's . . . . .                                                                                   | 0 | 3  | 6 |
| Scarificator, Arnold and Sons' Improved, with twelve blades, cutting in opposite directions, super . . . . . | 1 | 15 | 0 |
| Ditto Temple, four blades . . . . .                                                                          | 1 | 4  | 0 |
| Ditto ditto eight ditto . . . . .                                                                            | 1 | 9  | 6 |
| Cupping Glasses . . . . . 9d., 10d., 1s., and                                                                | 0 | 1  | 2 |
| Fox's ditto . . . . .                                                                                        | 0 | 2  | 0 |
| Scarificator Cases (leather) . . . . .                                                                       | 0 | 3  | 0 |

## ECRASEURS.

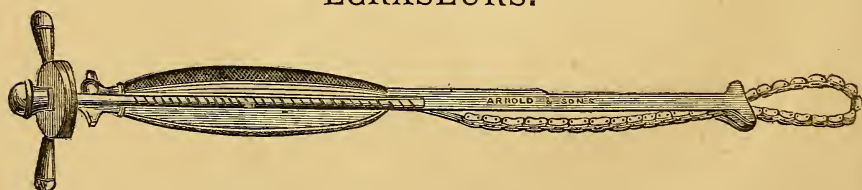


FIG. 102.

Chassignac's Ecraseur, straight, Fig. 102 . . . . . £ s. d.  
3 0 0

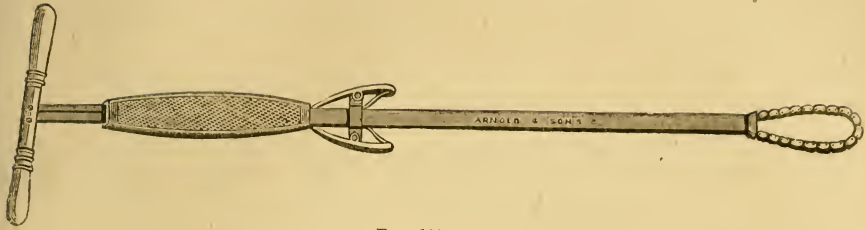


FIG. 103.

|                                                        | £ | s. | d. |
|--------------------------------------------------------|---|----|----|
| Chassaignac's Ecraseur, curved, Fig. 103 . . . . .     | 3 | 0  | 0  |
| Braxton Hick's ditto for polypi uteri, small . . . . . | 1 | 0  | 0  |
| Ditto ditto ditto large . . . . .                      | 2 | 2  | 0  |

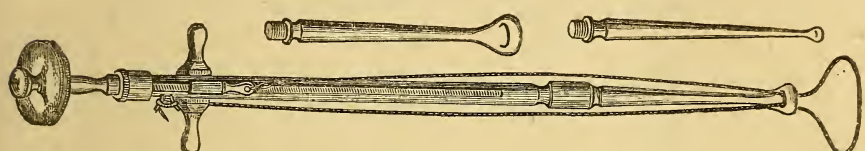


FIG. 104.

|                                                                                                        |   |    |   |
|--------------------------------------------------------------------------------------------------------|---|----|---|
| Braxton Hick's wire rope Ecraseur, with three moveable ends,<br>of different sizes. Fig. 104 . . . . . | 2 | 12 | 0 |
| Meadows' Wire Ecraseur . . . . .                                                                       | 2 | 2  | 0 |
| Sim's Portable Chain Ecraseur . . . . .                                                                | 5 | 0  | 0 |
| Ditto with guillotine . . . . .                                                                        | 5 | 0  | 0 |



FIG. 105.

|                                                                               |   |   |   |
|-------------------------------------------------------------------------------|---|---|---|
| Arnold and Sons' Improved Wire Ecraseur, very superior,<br>Fig. 105 . . . . . | 3 | 0 | 0 |
| Ditto ditto small size . . . . .                                              | 2 | 2 | 0 |

This instrument is so constructed that it is almost impossible for the wire to be broken. On the outer side of the instrument are attached rollers, on which the wire traverses, which prevents contact with any sharp edges, and consequently is drawn through with greater ease and regularity.

## CATHETERS.



Fig. 106. ARNOLD AND SONS' CATHETER GAUGE.

|                                                                                                             |  |  |  | £ | s. | d. |
|-------------------------------------------------------------------------------------------------------------|--|--|--|---|----|----|
| Elastic Gum Web Catheters, extra superior, especially prepared to stand any climate. Nos. 1 to 12, per doz. |  |  |  | 0 | 18 | 0  |
| Ditto ditto Conical . ditto                                                                                 |  |  |  | 1 | 1  | 0  |
| Ditto ditto Second Quality ditto                                                                            |  |  |  | 0 | 12 | 0  |
| Ditto ditto ditto Conical ditto                                                                             |  |  |  | 0 | 15 | 0  |
| Ditto ditto Common . ditto                                                                                  |  |  |  | 0 | 6  | 0  |
| Ditto ditto ditto Conical ditto                                                                             |  |  |  | 0 | 8  | 0  |
| Elastic Gum Web, Prostate Catheters, each . . . . .                                                         |  |  |  | 0 | 3  | 6  |
| Ditto ditto Second quality, super . . . . .                                                                 |  |  |  | 0 | 2  | 6  |
| Ditto ditto Common ditto . . . . .                                                                          |  |  |  | 0 | 1  | 9  |
| Ditto ditto Double Channel Catheters . . . . .                                                              |  |  |  | 0 | 9  | 6  |
| Ditto ditto Second Quality . . . . .                                                                        |  |  |  | 0 | 7  | 0  |
| Sir H. Thompson's Catheters, a. Boule French sizes, Nos. 1 to 24, super quality, per doz. . . . .           |  |  |  | 1 | 0  | 0  |
| Ditto ditto Second Quality . . . . .                                                                        |  |  |  | 0 | 12 | 0  |
| Barnard Holt's India-rubber Self Retaining Catheter . . . . .                                               |  |  |  | 0 | 3  | 6  |
| Steel Introducer for ditto, <i>Vide Lancet</i> , February 14th, and May 14th, 1870 . . . . .                |  |  |  | 0 | 2  | 6  |
| Female Catheter Elastic, Gum Web . . . . .                                                                  |  |  |  | 0 | 1  | 0  |
| Dr. Shephard's Silver Female Catheter . . . . .                                                             |  |  |  | 0 | 8  | 6  |
| Silver Female Catheter, with stop cock . . . . .                                                            |  |  |  | 0 | 7  | 6  |
| Ditto ditto plain sliding . . . . .                                                                         |  |  |  | 0 | 6  | 0  |

Silver Catheters, hall marked:—

|       |              |      |       |                    |      |
|-------|--------------|------|-------|--------------------|------|
| No. 1 | Stout silver | 6/6  | No. 1 | Extra stout silver | 7/-  |
| „ 2   | Ditto ditto  | 6/6  | „ 2   | Ditto ditto        | 7/6  |
| „ 3   | Ditto ditto  | 6/6  | „ 3   | Ditto ditto        | 8/-  |
| „ 4   | Ditto ditto  | 7/6  | „ 4   | Ditto ditto        | 9/-  |
| „ 5   | Ditto ditto  | 8/-  | „ 5   | Ditto ditto        | 10/- |
| „ 6   | Ditto ditto  | 9/-  | „ 6   | Ditto ditto        | 11/- |
| „ 7   | Ditto ditto  | 9/6  | „ 7   | Ditto ditto        | 12/- |
| „ 8   | Ditto ditto  | 10/6 | „ 8   | Ditto ditto        | 13/6 |
| „ 9   | Ditto ditto  | 11/6 | „ 9   | Ditto ditto        | 14/6 |
| „ 10  | Ditto ditto  | 12/6 | „ 10  | Ditto ditto        | 15/6 |
| „ 11  | Ditto ditto  | 13/6 | „ 11  | Ditto ditto        | 16/6 |
| „ 12  | Ditto ditto  | 14/6 | „ 12  | Ditto ditto        | 17/6 |
| „ 13  | Ditto ditto  | 18/6 | „ 13  | Ditto ditto        | 22/6 |
| „ 14  | Ditto ditto  | 20/6 | „ 14  | Ditto ditto        | 25/- |

Brodie's extra stout silver Catheters, hall marked, with chequered ebony handles:—

|     |     |      |      |      |      |      |      |      |
|-----|-----|------|------|------|------|------|------|------|
| No. | 1   | 2    | 3    | 4    | 5    | 6    | 7    | 8    |
|     | 9/6 | 9/6  | 10/- | 11/- | 11/6 | 13/- | 14/6 | 16/- |
|     |     | 9    | 10   | 11   | 12   | 13   | 14   |      |
|     |     | 17/6 | 18/6 | 20/- | 21/6 | 23/- | 24/6 |      |

If with ivory handles 1/6 each extra.

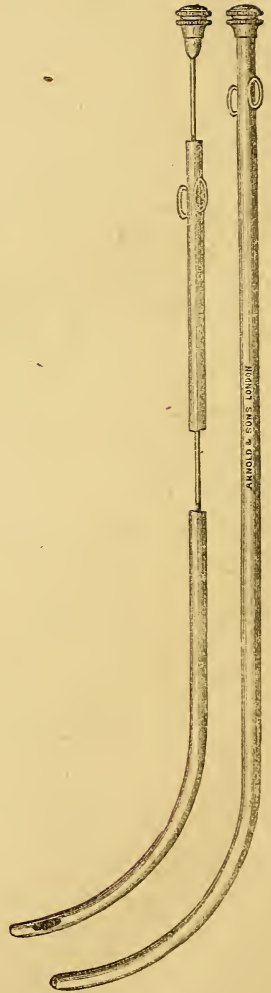
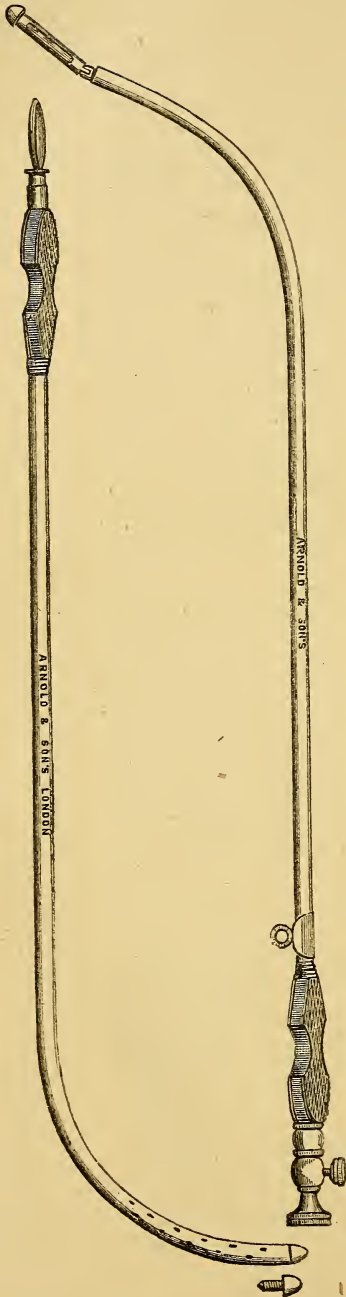
|                                                                                                 | £      | s. | d.  |
|-------------------------------------------------------------------------------------------------|--------|----|-----|
| Dawson's stout silver Catheter, for applying Ointments, Fig. 107                                | 1      | 7  | 6   |
| L'Allemand's stout silver Catheter, for applying Caustic to the Urethra, Fig. 108               | 1      | 5  | 0   |
| Dr. Angove's silver Catheter Fig. 109 and 110                                                   | 7/6 to | 1  | 0 0 |
| Sir H. Thompson's Improved (silver) fluid Caustic Catheter, Fig. 111                            | 1      | 14 | 0   |
| Erichsen's silver fluid Caustic Catheter                                                        | 1      | 7  | 6   |
| McDougall's silver, with palladium end and holder, Fig. 112                                     | 1      | 14 | 0   |
| Erichsen's silver Ointment Catheter, Fig. 113                                                   | 1      | 7  | 6   |
| Coulson's (silver), with palladium holder and fused Caustic for applying to neck of the bladder | 1      | 11 | 0   |
| Improved Ditto ditto                                                                            | 1      | 14 | 0   |
| Berkeley Hill's Caustic Injector, for chronic Urethral discharges                               | 1      | 7  | 6   |
| Dr. Alfred King's Wheel Catheter                                                                | 7/6 to | 1  | 0 0 |

Is very useful in cases of old stricture; the small wheel at the end of the instrument greatly facilitates the passing of the Catheter.

|                                                                                         |   |    |   |
|-----------------------------------------------------------------------------------------|---|----|---|
| Brodie's Double Channel Catheter (silver), for injecting the bladder, continuous stream | 1 | 10 | 0 |
| Ditto ditto with brass syringe attached                                                 | 1 | 17 | 6 |
| Arnold and Sons' Improved ditto ditto                                                   | 1 | 14 | 0 |
| Female silver Double Channel Catheter                                                   | 0 | 12 | 6 |
| Arnold and Sons' Improved ditto ditto                                                   | 1 | 2  | 6 |

Prostate Catheters, of stout silver, hall marked.

| Liston's. |              |  | Sir H. Thompson's. |              |  |
|-----------|--------------|--|--------------------|--------------|--|
| No.       | Stout silver |  | No.                | Stout silver |  |
| 6         | 11/-         |  | 6                  | 11/-         |  |
| 7         | 12/-         |  | 7                  | 12/-         |  |
| 8         | 12/6         |  | 8                  | 12/6         |  |
| 9         | 13/6         |  | 9                  | 13/6         |  |
| 10        | 15/-         |  | 10                 | 15/-         |  |
| 11        | 15/6         |  | 11                 | 15/6         |  |
| 12        | 16/-         |  | 12                 | 16/-         |  |
| 13        | 17/6         |  | 13                 | 17/6         |  |
| 14        | 18/-         |  | 14                 | 18/-         |  |



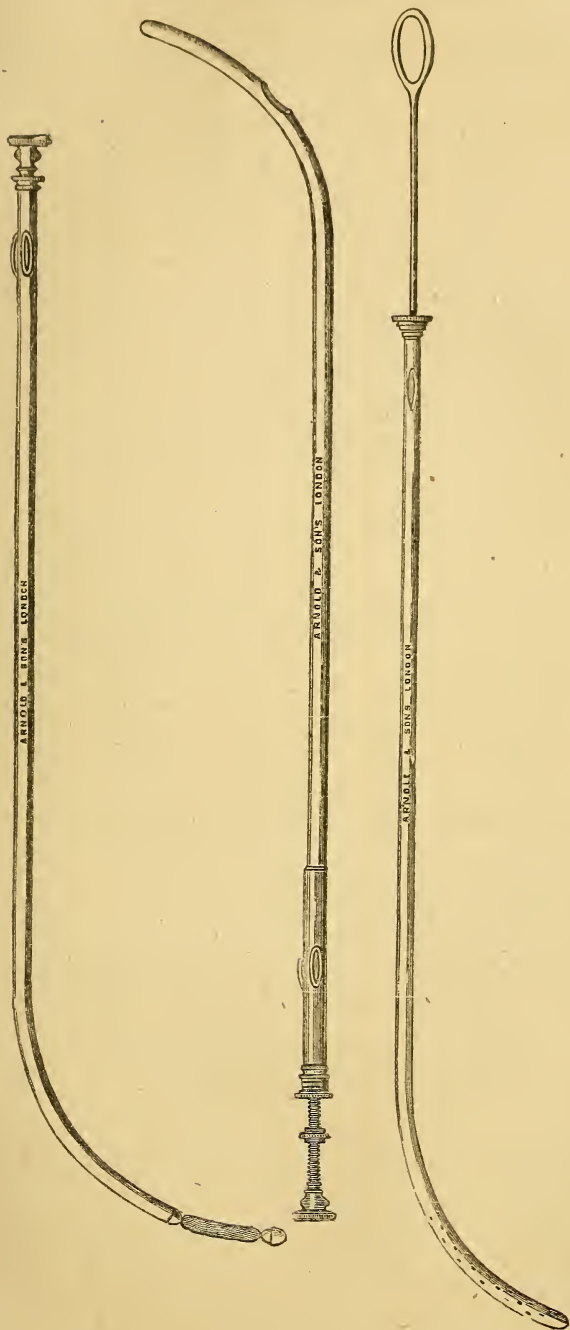


Fig. 111.

Fig. 112.

Fig. 113.

| Brodie's Prostate Catheters, with<br>Chequered Ebony Handles.           |              |       | Brodie's Prostate Catheters, with<br>Chequered Ivory Handles. |                    |      |       |      |
|-------------------------------------------------------------------------|--------------|-------|---------------------------------------------------------------|--------------------|------|-------|------|
| No.                                                                     | Stout silver | 16/-  | No.                                                           | Extra Stout silver | 17/6 |       |      |
| "                                                                       | 7            | ditto | 17/6                                                          | "                  | 7    | ditto | 19/- |
| "                                                                       | 8            | ditto | 19/6                                                          | "                  | 8    | ditto | 21/- |
| "                                                                       | 9            | ditto | 22/-                                                          | "                  | 9    | ditto | 23/6 |
| "                                                                       | 10           | ditto | 22/6                                                          | "                  | 10   | ditto | 24/- |
| "                                                                       | 11           | ditto | 24/-                                                          | "                  | 11   | ditto | 25/6 |
| "                                                                       | 12           | ditto | 25/6                                                          | "                  | 12   | ditto | 27/- |
| "                                                                       | 13           | ditto | 26/6                                                          | "                  | 13   | ditto | 28/- |
| "                                                                       | 14           | ditto | 27/6                                                          | "                  | 14   | ditto | 29/6 |
| Sir H. Thompson's complete set of extra stout silver Catheters, £ s. d. |              |       |                                                               |                    |      |       |      |
| Nos. 1 to 12, and No. 9 Prostate with cut glass oil bottle,             |              |       |                                                               |                    |      |       |      |
| in mahogany case, lined silk velvet . . . . . 8 7 6                     |              |       |                                                               |                    |      |       |      |
| Ditto ditto with Catheter mounts, and Sir                               |              |       |                                                               |                    |      |       |      |
| H. Thompson's Syphon complete . . . . . 10 10 0                         |              |       |                                                               |                    |      |       |      |
| Complete set of stoutest silver hall marked Catheters, from             |              |       |                                                               |                    |      |       |      |
| No. 1 to 12, cut glass oil bottle, in morocco case, lined               |              |       |                                                               |                    |      |       |      |
| silk velvet . . . . . 5 7 6                                             |              |       |                                                               |                    |      |       |      |
| Sir H. Thompson's improved Syphon for drawing off the                   |              |       |                                                               |                    |      |       |      |
| water from the bladder, and which is made to fit the                    |              |       |                                                               |                    |      |       |      |
| end of Catheters . . . . . 0 10 6                                       |              |       |                                                               |                    |      |       |      |
| Catheters made with the mount to fit the Syphon, extra . 0 1 6          |              |       |                                                               |                    |      |       |      |
| Sir H. Thompson's silver Catheter with probe point . . 0 10 6           |              |       |                                                               |                    |      |       |      |
| Ditto ditto extra small taper silver Catheter                           |              |       |                                                               |                    |      |       |      |
| for difficult strictures . . . . . 0 7 6                                |              |       |                                                               |                    |      |       |      |
| Japanned tin Catheter case . . . . . 0 3 6                              |              |       |                                                               |                    |      |       |      |
| " Leather Catheter case for 3 . . . . . 0 3 6                           |              |       |                                                               |                    |      |       |      |
| " ditto ditto 6 . . . . . 0 4 6                                         |              |       |                                                               |                    |      |       |      |
| " ditto ditto 12 . . . . . 0 6 6                                        |              |       |                                                               |                    |      |       |      |
| Plated Catheters, super, Nos. 1 to 12, each . . . . . 0 5 0             |              |       |                                                               |                    |      |       |      |
| Set of Plated Catheters, Nos. 1 to 12, with Oil Bottle in               |              |       |                                                               |                    |      |       |      |
| leather case . . . . . 3 0 0                                            |              |       |                                                               |                    |      |       |      |
| Set of Plated Catheters, Nos. 2, 4, 6, 8, 10, and 12 . . 1 10 0         |              |       |                                                               |                    |      |       |      |
| Brodie's Plated Catheters, Nos. 1 to 12, each . . . . . 0 6 6           |              |       |                                                               |                    |      |       |      |
| Set of Brodie's Plated Catheters, Nos. 1 to 12, with cut glass          |              |       |                                                               |                    |      |       |      |
| bottle in leather case . . . . . 4 0 0                                  |              |       |                                                               |                    |      |       |      |
| Set of Brodie's Plated Catheters, Nos. 2, 4, 6, 8, 10, 12, with         |              |       |                                                               |                    |      |       |      |
| glass oil bottle in leather case . . . . . 2 0 0                        |              |       |                                                               |                    |      |       |      |
| Female Catheter, plated . . . . . 0 4 0                                 |              |       |                                                               |                    |      |       |      |
| Sir H. Thompson's India-rubber bottle and stop cock, with               |              |       |                                                               |                    |      |       |      |
| conical point fitting the elastic gum Catheters . . . . 0 7 6           |              |       |                                                               |                    |      |       |      |
| Prostate Catheters, plated . . . . . 0 6 6                              |              |       |                                                               |                    |      |       |      |
| Brodie's ditto ditto . . . . . 0 8 6                                    |              |       |                                                               |                    |      |       |      |
| Double Channel Catheter, plated . . . . . 0 16 6                        |              |       |                                                               |                    |      |       |      |
| Ivory Catheter gauge . . . . . 0 3 6                                    |              |       |                                                               |                    |      |       |      |
| Catheter Case, Leather, Small . . . . . 0 3 6                           |              |       |                                                               |                    |      |       |      |
| Ditto Medium . . . . . 0 4 6                                            |              |       |                                                               |                    |      |       |      |
| Ditto Large . . . . . 0 6 6                                             |              |       |                                                               |                    |      |       |      |

## BOUGIES.

|                                                                                                           |                                          | £     | s.   | d.                               |
|-----------------------------------------------------------------------------------------------------------|------------------------------------------|-------|------|----------------------------------|
| Elastic Gum Web Bougies, extra superior, especially prepared to stand any climate. Nos. 1 to 12, per doz. |                                          | 0     | 14   | 0                                |
|                                                                                                           | Ditto ditto, taper points . . . . .      | 0     | 16   | 0                                |
|                                                                                                           | Ditto ditto, second quality . . . . .    | 0     | 10   | 0                                |
|                                                                                                           | Ditto ditto ditto, taper point . . . . . | 0     | 12   | 6                                |
|                                                                                                           | Ditto ditto, common quality . . . . .    | 0     | 5    | 0                                |
| Bougies, a. Boule, as recommended by Sir H. Thompson, French sizes, Nos. 1 to 24, per doz.                |                                          | 0     | 14   | 0                                |
|                                                                                                           | Ditto ditto, second quality . . . . .    | 0     | 10   | 0                                |
| Sir H. Thompson's set of twelve plated Bougies, in morocco case, lined velvet, complete . . . . .         |                                          | 3     | 10   | 0                                |
| Sir H. Thompson's plated Bougies, taper points, per doz.                                                  |                                          | 0     | 6    | 0                                |
| Metallic Bougies . . . . .                                                                                |                                          | 0     | 1    | 0                                |
|                                                                                                           | Ditto ditto, with handles . . . . .      | 0     | 2    | 0                                |
| Brodie's plated Bougies . . . . .                                                                         |                                          | 0     | 6    | 0                                |
| Plated Bougies, plain . . . . .                                                                           |                                          | 0     | 4    | 0                                |
| Syme's German silver Bougies. . . . .                                                                     |                                          | 0     | 2    | 6                                |
| Silver Bougies :—                                                                                         |                                          |       |      |                                  |
| Silver, hall marked.                                                                                      |                                          |       |      | Extra stout Silver, hall marked. |
| No.                                                                                                       | 1                                        | ditto | 6/-  | No. 1 ditto 7/-                  |
| "                                                                                                         | 2                                        | ditto | 6/-  | " 2 ditto 7/-                    |
| "                                                                                                         | 3                                        | ditto | 6/6  | " 3 ditto 7/6                    |
| "                                                                                                         | 4                                        | ditto | 7/6  | " 4 ditto 8/6                    |
| "                                                                                                         | 5                                        | ditto | 8/-  | " 5 ditto 9/6                    |
| "                                                                                                         | 6                                        | ditto | 8/-  | " 6 ditto 9/6                    |
| "                                                                                                         | 7                                        | ditto | 10/- | " 7 ditto 11/6                   |
| "                                                                                                         | 8                                        | ditto | 10/- | " 8 ditto 11/6                   |
| "                                                                                                         | 9                                        | ditto | 11/6 | " 9 ditto 14/-                   |
| "                                                                                                         | 10                                       | ditto | 13/- | " 10 ditto 16/-                  |
| "                                                                                                         | 11                                       | ditto | 14/6 | " 11 ditto 17/6                  |
| "                                                                                                         | 12                                       | ditto | 15/- | " 12 ditto 18/6                  |
| Catgut Bougies, super quality . . . . . per doz.                                                          |                                          | 0     | 8    | 0                                |
| Black Wax Bougies . . . . .                                                                               |                                          | 0     | 1    | 6                                |
| Red ditto . . . . .                                                                                       |                                          | 0     | 2    | 0                                |
| White ditto . . . . .                                                                                     |                                          | 0     | 2    | 0                                |
| Œsophagus Bougies, elastic gum web, of superior quality                                                   |                                          | 0     | 4    | 6                                |
|                                                                                                           | Ditto ditto second quality . . . . .     | 0     | 3    | 6                                |
|                                                                                                           | Ditto ditto common . . . . .             | 0     | 2    | 0                                |
| Quain's Rectum Bougies . . . . . each                                                                     |                                          | 0     | 5    | 0                                |
| Rectum Bougies, elastic gum, of super quality . . . . .                                                   |                                          | 0     | 3    | 6                                |
|                                                                                                           | Ditto ditto second quality . . . . .     | 0     | 2    | 6                                |
|                                                                                                           | Ditto ditto common . . . . .             | 0     | 1    | 6                                |
| Wax Rectum Bougies, short . . . . .                                                                       |                                          | 0     | 1    | 6                                |
|                                                                                                           | Ditto ditto long . . . . .               | 0     | 2    | 0                                |

|                                                    | £ | s. | d. |
|----------------------------------------------------|---|----|----|
| Vulcanite Bougies, the set of six nested . . . . . | 0 | 13 | 6  |
| Ivory Bougie Gauge . . . . .                       | 0 | 3  | 6  |
| Bougie Case, leather . . . . .                     | 0 | 2  | 0  |
| Japanned Tin Bougie Case . . . . .                 | 0 | 2  | 0  |
| Cloth Bougie ditto . . . . .                       | 0 | 1  | 0  |

## PESSARIES.

|                                                                                                                               |   |   |   |
|-------------------------------------------------------------------------------------------------------------------------------|---|---|---|
| Blackbee's Patent Self-adjusting Pessary, for anteversion, antiflexion, retroversion, retroflexion, or procidentia, . . . . . | 0 | 7 | 6 |
| Dr. Greenhalgh's Elastic Spring Pessary six sizes, each Fig. 114 . . . . .                                                    | 0 | 2 | 0 |

The advantages of these Pessaries are cheapness, softness, indestructibility, facility of introduction, pliability, enabling them to be moulded to any form, applicability to all forms of uterine and vaginal displacements. No obstacle to other local treatment.

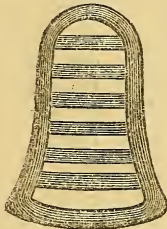


Fig. 116.

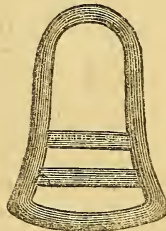


Fig. 115.



Fig. 114.

|                                                                                                     |   |   |   |
|-----------------------------------------------------------------------------------------------------|---|---|---|
| Dr. Greenhalgh's Elastic spring Pessary, with two India rubber transverse bands, Fig. 115 . . . . . | 0 | 2 | 6 |
| Ditto ditto with four ditto . . . . .                                                               | 0 | 3 | 0 |
| Ditto ditto with six ditto Fig. 116 . . . . .                                                       | 0 | 3 | 6 |

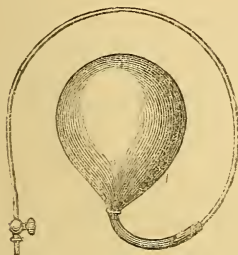
Extract from *British Medical Journal*, May 23rd, 1868:—"They are easier of introduction and removal than Hodge's Pessary, and can be more easily adjusted; occasions little or no inconvenience."

Arnold and Sons, having *originally* made these Pessaries *specially* for Dr. Greenhalgh, caution the Profession against many sold and represented as their manufacture, which are different in shape, construction, and material, and, consequently, useless for the purpose intended.

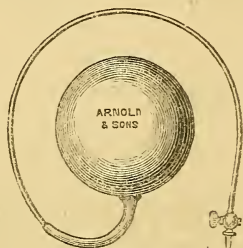
|                                                                                           | £ | s. | d. |
|-------------------------------------------------------------------------------------------|---|----|----|
| Hodge's gutta-percha Pessaries . . . . .                                                  | 0 | 1  | 0  |
| Ditto vulcanite . . . . .                                                                 | 0 | 2  | 0  |
| Ditto ditto with two bars . . . . .                                                       | 0 | 2  | 6  |
| Dr. Braxton Hicks's Pessaries, with metal core and covered<br>with india-rubber . . . . . | 0 | 2  | 6  |
| Ditto ditto vulcanite . . . . .                                                           | 0 | 3  | 0  |

Arnold and Sons specially make these Pessaries for Dr. Braxton Hicks, and preserve the original sizes and patterns.

|                                                                                                            |   |    |   |
|------------------------------------------------------------------------------------------------------------|---|----|---|
| Clay's spiral spring Pessary, fitted with Pelvis Band complete                                             | 0 | 17 | 6 |
| Zwank's Pessary, covered with gutta-percha and india-rubber,<br>as recommended by Dr. Greenhalgh . . . . . | 0 | 3  | 6 |
| Zwank's Pessary, vulcanite . . . . .                                                                       | 0 | 5  | 6 |
| Ditto, German silver . . . . .                                                                             | 0 | 7  | 6 |
| Ditto, stoutly plated . . . . .                                                                            | 0 | 10 | 6 |
| Ditto, German silver, Dr. Tanner's modification . . . . .                                                  | 0 | 9  | 6 |
| India-rubber inflating Pessary, round and pear-shaped . . . . .                                            | 0 | 3  | 6 |
| Ditto ditto, with stopcock (Fig. 117, 118)                                                                 | 0 | 5  | 0 |



No. 117.



No. 118.

|                                                                                              |      |    |   |
|----------------------------------------------------------------------------------------------|------|----|---|
| Inflating Pump . . . . .                                                                     | 0    | 3  | 6 |
| Elastic gum Pessaries, circular, oval, globular, and oviform . . . . .                       | 0    | 3  | 0 |
| Boxwood ditto, oval, round, flat oval, and flat round . . . . .                              | 1/-, | 0  | 2 |
| 0                                                                                            | 2    | 0  |   |
| Gutta-percha Pessary, with Pelvis Band complete . . . . .                                    | 0    | 10 | 6 |
| Dr. Priestley's Pessary, for retroversion . . . . .                                          | 0    | 6  | 6 |
| Ditto, with rubber cap . . . . .                                                             | 0    | 9  | 6 |
| Dr. Graily Hewitt's malleable ring Pessary, gutta-percha,<br>of six sizes . . . . . per doz. | 0    | 10 | 0 |
| Ditto ditto, shaped . . . . . "                                                              | 0    | 12 | 0 |
| Schofield's Pessary, porcelain . . . . .                                                     | 0    | 5  | 0 |
| Ditto, vulcanite . . . . .                                                                   | 0    | 6  | 6 |
| Dr. Simpson's Pessary for retroversion . . . . .                                             | 1    | 5  | 0 |
| Dr. Skinner's expanding Pessary . . . . .                                                    | 0    | 3  | 6 |
| Duffin's boxwood and ivory Pessary . . . . .                                                 | 0    | 5  | 6 |

Dr. Braxton Hicks's india-rubber Apparatus for the restoration of chronic inversion of the uterus.

## ICE AND HOT WATER BAGS.

Dr. Chapman's Ice Bag, which may be filled with either ice or iced water, is divided by external clamps or internal septa into two, three, or more cells, allowing of its application either to the whole or any part of the back, the patient being enabled to remain upright or walk about during its use. The mouth of the bag is closed by a clamp.

|        |    |    |      |      |      |     |     |       |
|--------|----|----|------|------|------|-----|-----|-------|
| No. 10 | 12 | 14 | 16   | 18   | 20   | 22  | 24  | 26in. |
| 7/6    | 8/ | 9/ | 10/6 | 12/6 | 14/6 | 15/ | 16/ | 18/   |

Dr. Chapman's Hot Water Bag which may also be used for the application of moderate degrees of cold, consists of two parallel tubes a slight distance apart, and communicating at the top and bottom, the mouth of this Bag is closed by means of a screw.

|       |    |     |
|-------|----|-----|
| No. 1 | 2  | 3   |
| 6/6   | 8/ | 9/6 |

Ice Bags of India Rubber for applying ice to the head, &c., with rubber cork and box wood mount.

|       |    |     |
|-------|----|-----|
| No. 1 | 2  | 3   |
| 4/9   | 5/ | 5/6 |

|                |      |   |    |    |
|----------------|------|---|----|----|
| Lumbar Ice Bag | each | £ | s. | d. |
|                |      | 0 | 8  | 6  |

STETHOSCOPES, SPIROMETERS,  
PLEXIMETERS, SPHYGMOGRAPHS, &c.

|                              |          |           |   |   |   |   |   |   |
|------------------------------|----------|-----------|---|---|---|---|---|---|
| Dr. Duckworth's Stethoscope, | Fig. 126 | .         | . | . | . | 0 | 3 | 6 |
| Dr. Walsh's                  | ditto    | Fig. 119  | . | . | . | 0 | 3 | 0 |
| Ditto                        | ditto    | Vulcanite | . | . | . | 0 | 3 | 6 |
| Dr. Ferguson's               | ditto    | Fig. 124  | . | . | . | 0 | 3 | 0 |

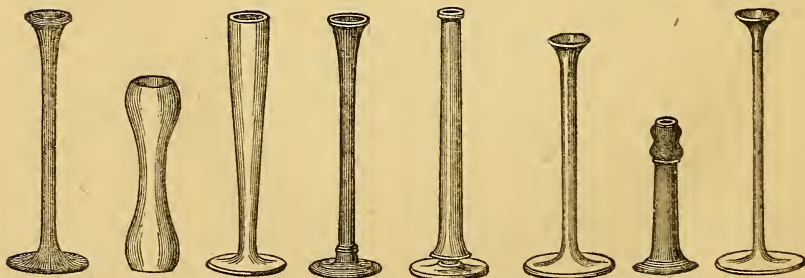


FIG. 119. FIG. 120. FIG. 121. FIG. 122. FIG. 123. FIG. 124. FIG. 125. FIG. 126.

|                                                                            | £ | s. | d. |
|----------------------------------------------------------------------------|---|----|----|
| Dr. Quain's Stethoscope . . . . .                                          | 0 | 3  | 6  |
| Dr. Stoke's ditto Fig. 122 . . . . .                                       | 0 | 3  | 0  |
| Ditto ditto Vulcanite . . . . .                                            | 0 | 3  | 6  |
| Dr. Hare's (American birch) . . . . .                                      | 0 | 3  | 0  |
| Dr. Williams's, with reversible ear-plate, Fig. 123 . . . . .              | 0 | 3  | 6  |
| Dr. McLean's, with reversible plate and Indian Rubber<br>Cushion . . . . . | 0 | 5  | 0  |
| Dr. Barron's Stethoscope . . . . .                                         | 0 | 3  | 6  |
| Dr. Billing's ditto Fig. 120 . . . . .                                     | 0 | 2  | 6  |
| Dr. Davis's ditto with ivory plate . . . . .                               | 0 | 8  | 6  |
| Dr. Dobell's ditto with graduated ear-piece . . . . .                      | 0 | 5  | 0  |
| Dr. Quain's ditto (portable), vulcanite, Fig. 125 . . . . .                | 0 | 5  | 0  |
| Dr. Elliotson's ditto . . . . .                                            | 0 | 7  | 6  |
| Dr. Golding Bird's ditto, ebony mounted flexible . . . . .                 | 0 | 5  | 0  |
| Dr. Andrew's ditto Fig. 121 . . . . .                                      | 0 | 3  | 0  |
| Dr. Hughes's ditto . . . . .                                               | 0 | 3  | 0  |
| Dr. Edward's ditto . . . . .                                               | 0 | 3  | 0  |
| Dr. Sibson's ditto with flexible tube . . . . .                            | 0 | 8  | 0  |

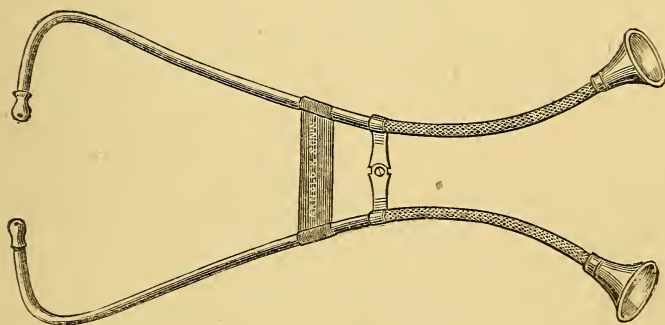


FIG. 127.

|                                                                                              |   |    |   |
|----------------------------------------------------------------------------------------------|---|----|---|
| Dr. Alison's Differential Stethoscope, Fig. 127 . . . . .                                    | 1 | 1  | 0 |
| Arnold's Improved portable ditto . . . . .                                                   | 1 | 1  | 0 |
| Dr. Laenner's Stethoscope . . . . .                                                          | 0 | 3  | 0 |
| Dr. Salter's ditto . . . . .                                                                 | 0 | 3  | 0 |
| Gutta percha ditto . . . . .                                                                 | 0 | 2  | 0 |
| Dr. Wright's Stethoscope Holder . . . . .                                                    | 0 | 2  | 0 |
| Dr. Todd's Stethoscope . . . . .                                                             | 0 | 3  | 6 |
| Dr. Todd's Class Stethoscope, enabling two persons to<br>diagnose at the same time . . . . . | 1 | 1  | 0 |
| Dr. Bennett's Pleximeter and Hammer in case . . . . .                                        | 0 | 10 | 6 |
| Pleximeter . . . . .                                                                         | 0 | 3  | 6 |
| Percussion Thimbles . . . . .                                                                | 0 | 1  | 0 |

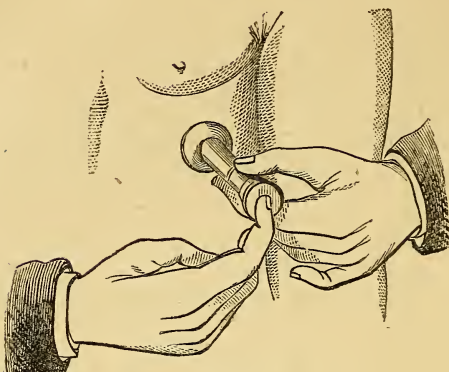


FIG. 128.

|                                                                 | £ | s. | d. |
|-----------------------------------------------------------------|---|----|----|
| Dr. Haller's Percussor, as used by Dr. Duckworth, 3/6, Fig. 128 | 0 | 5  | 0  |
| Dr. Quain's Percussor                                           | 0 | 6  | 6  |
| Dr. King's Cone Percussor, with Regulating Handle.              | 0 | 7  | 6  |

The Cone Percussor will be found very useful in conducting examinations of the chest, being small and very handy. The spring is to regulate the blow in percussion. The hammer striking the nail of the finger.

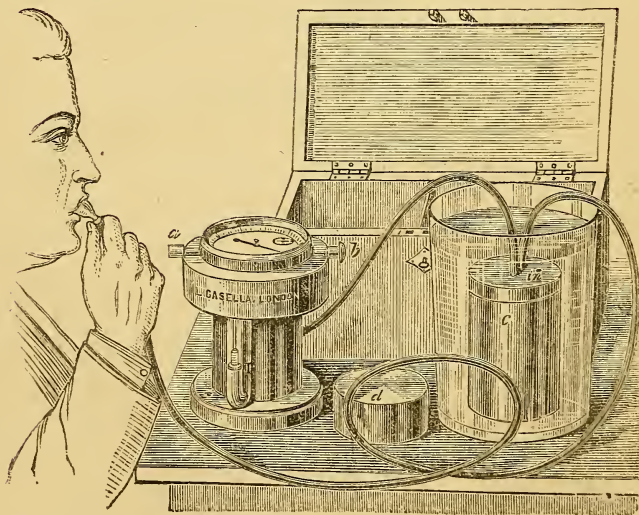


FIG. 129.

Casella's Improved Portable Spirometer, in neat mahogany case  $6\frac{3}{4}$  +  $3\frac{3}{4}$ , Fig. 129 . . . . . 4 10 0

|                                                                             | £ | s. | d. |
|-----------------------------------------------------------------------------|---|----|----|
| Hutchinson's Spirometer . . . . .                                           | 4 | 4  | 0  |
| Portable Spirometer for measuring the vital capacity of the chest . . . . . | 1 | 4  | 0  |
| Chest Callipers (portable) . . . . .                                        | 0 | 10 | 6  |
| Dr. Quain's Stethometer . . . . .                                           | 2 | 2  | 0  |
| De Marey's Sphygmograph . . . . .                                           | 7 | 0  | 0  |
| Ditto ditto with Berkley Hill's Pad . . . . .                               | 7 | 7  | 0  |
| Ditto Improved by Dr. Burdon Sanderson . . . . .                            | 8 | 8  | 0  |

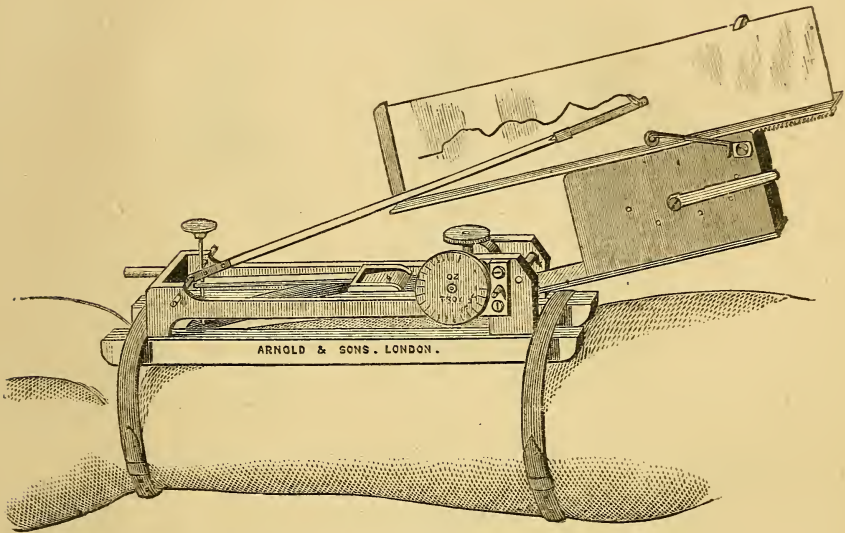


Fig. 130.

|                                                     |   |    |   |
|-----------------------------------------------------|---|----|---|
| Mahomed's Improved Sphygmograph, Fig. 130 . . . . . | 5 | 5  | 0 |
| Ditto in case . . . . .                             | 5 | 12 | 6 |
| Ditto with glasses complete . . . . .               | 5 | 17 | 6 |

Extract from the *Medical Times and Gazette*, January 20th, 1872 :—"The main spring is attached to the framework of the instrument by a hinge joint, which permits free vertical but no lateral movement. Its free extremity, which is covered by an ivory pad, rests upon the artery (usually the radial) from which it is proposed to obtain a tracing. To this spring is attached a block which forms the centre of movement for a lever of the third order, which encloses it by the bifurcation of its extremity, a pin projecting from either side of the block, and passing through each extremity of the bifurcation, thus insuring a perfect vertical movement free from lateral oscillations."

|                                        |   |    |   |
|----------------------------------------|---|----|---|
| Dr. Simpson's Chest Measurer . . . . . | 1 | 15 | 0 |
| Thompson's Chest Measure . . . . .     | 0 | 7  | 6 |

## LARYNGEAL AND TRACHEA INSTRUMENTS.

|                                                         | £ | s. | d. |
|---------------------------------------------------------|---|----|----|
| Silver Tracheotomy Tubes, small medium, and large, each | 0 | 6  | 6  |
| Double ditto silver ditto . . . . .                     | 0 | 13 | 0  |
| Silver Laryngotomy small, medium, and large . . . . .   | 0 | 6  | 6  |
| Double ditto silver ditto Fig. 131 . . . . .            | 0 | 13 | 0  |

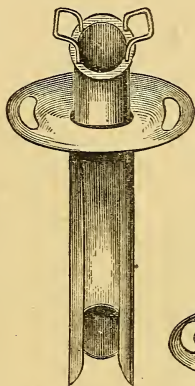


FIG. 133.

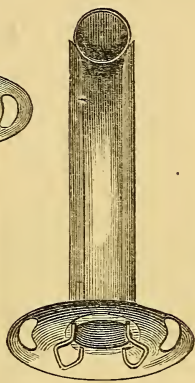


FIG. 132.

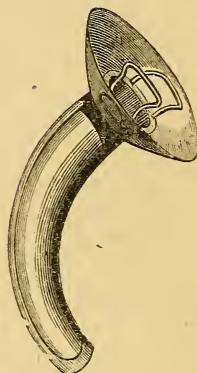


FIG. 131.

|                                                                                                 |   |    |   |
|-------------------------------------------------------------------------------------------------|---|----|---|
| Matthew's Silver Tracheotomy Dilating Tube and Canula, complete, small, Fig 132 & 133 . . . . . | 0 | 15 | 0 |
| Ditto ditto medium . . . . .                                                                    | 0 | 16 | 0 |
| Ditto ditto large . . . . .                                                                     | 0 | 17 | 0 |
| Trousseau's ditto with rotating plate, allowing the patient free movement of the head . . . . . | 0 | 18 | 0 |
| Ditto ditto large . . . . .                                                                     | 1 | 1  | 0 |
| Trousseau's Forceps for dilating, thereby facilitating the introduction of the tube . . . . .   | 0 | 6  | 6 |



FIG. 134.

Sankey's Improved Tracheotomy Forceps, Fig. 134, are so constructed as to pass along the canula and compress the end of the tube, thereby facilitating the introduction . . . . . 0 7 6

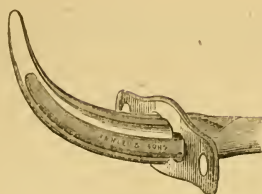


Fig. 135.

|                                                                                                        | £   | s.  | d.  |
|--------------------------------------------------------------------------------------------------------|-----|-----|-----|
| Sankey's Double Trachea Tube and Canula, Fig. 135, small . . . . .                                     | 0   | 15  | 0   |
| Sankey's Double Trachea Tube and Canula, medium . . . . .                                              | 0   | 16  | 0   |
| Ditto ditto ditto large . . . . .                                                                      | 0   | 17  | 0   |
| Worthington's Tracheotome . . . . .                                                                    | 0   | 7   | 6   |
| Tracheotomy Trocar, with Silver Canula, small . . . . .                                                | 1   | 5   | 0   |
| Ditto ditto large . . . . .                                                                            | 1   | 7   | 6   |
| Arnold and Sons' Ebonite Double Tracheotomy Dilating<br>Tube and Canula small, medium, and large, each | 6/6 | 7/6 | 8/6 |

The great advantage of this instrument is its durability, elasticity, and extreme lightness.

|                                                                                                   |     |     |        |
|---------------------------------------------------------------------------------------------------|-----|-----|--------|
| Tracheotomy Hooks, double for dilatation . . . . .                                                | 0   | 10  | 6      |
| Set of Tracheotomy Knives, with three electro-plated tubes<br>in morocco case, complete . . . . . | 2   | 2   | 0      |
| Plated Double Tracheotomy Tube, three sizes . . . . .                                             | 0   | 10  | 6      |
| Erichsen's Tonsil Scissors . . . . .                                                              | 8s. | 6d, | 0 10 6 |
| Uvula Scissors . . . . .                                                                          | 0   | 6   | 6      |
| Curved Throat Forceps . . . . .                                                                   | 5/6 | 7/6 | 0 10 0 |

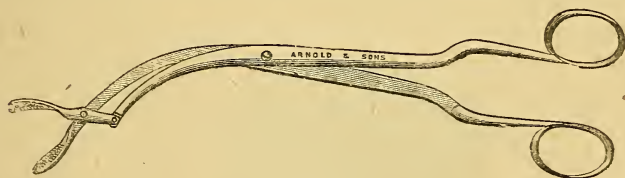
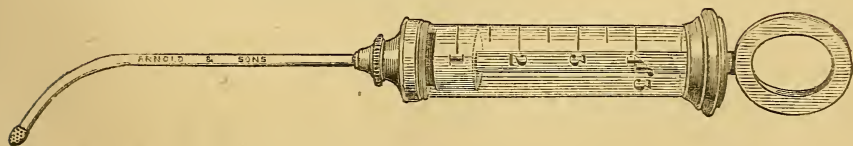


Fig. 136.

|                                                                                                        |   |    |   |
|--------------------------------------------------------------------------------------------------------|---|----|---|
| Arnold and Son's Improved Throat Forceps, with cross<br>lever action, Fig. 136 . . . . .               | 0 | 15 | 0 |
| Laryngeal Syringe, with Silver seamless pipe and shield,<br>and Improved India-rubber Bottle . . . . . | 0 | 16 | 0 |
| Gibbs' ditto ditto . . . . .                                                                           | 0 | 16 | 0 |



F.G. 137.

|                                                                  | £ | s. | d. |
|------------------------------------------------------------------|---|----|----|
| Throat Syringe, plated tube and ivory mounts, Fig. 137 . . . . . | 0 | 10 | 6  |
| Ditto           ditto, Silver mounted, in morocco case           | 1 | 7  | 6  |
| Tongue Depressor, plain . . . . .                                | 0 | 6  | 6  |

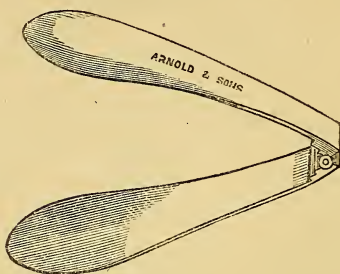


FIG. 138.

|                                                                                                                                                                       |   |    |   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|----|---|
| Tongue Depressor, electro-plated, Fig. 138 . . . . .                                                                                                                  | 0 | 8  | 0 |
| Ditto           ditto           in case . . . . .                                                                                                                     | 0 | 12 | 6 |
| Ditto           stoutly gilt           ditto . . . . .                                                                                                                | 0 | 15 | 6 |
| Ditto           vulcanite . . . . .                                                                                                                                   | 0 | 4  | 6 |
| Ditto           Cotton's . . . . .                                                                                                                                    | 0 | 4  | 6 |
| Laryngoscope, with three glass mirrors, magnifying lens,<br>reflector, head-band, and arranged for use as an<br>ophthalmoscope if required, in morocco case . . . . . | 1 | 15 | 0 |
| Czermak's Laryngoscope, with three glass mirrors, reflector,<br>ivory handle, in morocco case . . . . .                                                               | 1 | 16 | 0 |

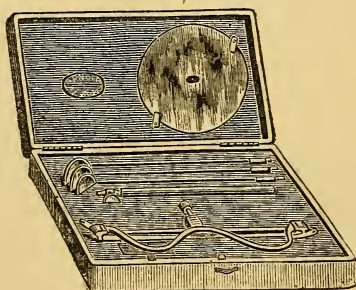


FIG. 139.

|                                                                                                                                                             |   |   |   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|
| Mackenzie's Laryngoscope, with ball and socket motion, ad-<br>justed to head-band, reflector, and two glass mirrors,<br>in morocco case, Fig. 139 . . . . . | 2 | 0 | 0 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|

|                                                                                                                                       | £ | s. | d. |
|---------------------------------------------------------------------------------------------------------------------------------------|---|----|----|
| Johnson's Laryngoscope, with ball and socket motion adjusted to head-band, reflector and two glass mirrors, in morocco case . . . . . | 1 | 12 | 6  |
| Krieshaber's ditto complete . . . . .                                                                                                 | 2 | 0  | 0  |
| Lewin's ditto with table attachments . . . . .                                                                                        | 2 | 7  | 6  |
| Extra superior Laryngoscope, with large reflector, head-band, three super mirrors, and ivory handle, in morocco case . . . . .        | 2 | 2  | 0  |
| Reflector, with candle holder . . . . .                                                                                               | 0 | 7  | 0  |
| Ditto plated . . . . .                                                                                                                | 0 | 10 | 6  |
| Laryngoscope Mirrors, concave, with frontal band and ball and socket motion (6 inch diameter) . . . . .                               | 2 | 10 | 0  |
| Laryngoscope mirrors, with stand attachments (9 inch diameter) . . . . .                                                              | 3 | 3  | 0  |
| Cotton's Throat Forceps, plain . . . . .                                                                                              | 0 | 6  | 6  |
| Ditto ditto plated . . . . .                                                                                                          | 0 | 8  | 6  |
| Ditto ditto silver . . . . .                                                                                                          | 0 | 12 | 6  |
| Throat Brushes, camel-hair, with whalebone stems, per doz. . . . .                                                                    | 0 | 14 | 0  |
| Jointed Brush Holder, ebonite . . . . .                                                                                               | 0 | 5  | 0  |
| Camel-hair Brushes for ditto . . . . . per doz.                                                                                       | 0 | 3  | 0  |
| Curved Whalebone Probang, with sponge end . . . . .                                                                                   | 0 | 1  | 0  |
| Straight ditto ditto . . . . .                                                                                                        | 0 | 1  | 0  |
| Straight ditto ivory end . . . . .                                                                                                    | 0 | 2  | 0  |
| Probang, double, with spring, hook, and sponge . . . . .                                                                              | 0 | 3  | 6  |
| Ditto jointed for portability . . . . .                                                                                               | 0 | 4  | 6  |
| Ditto with bristles at side (expanding) and sponge end . . . . .                                                                      | 0 | 5  | 6  |
| Œsophagus Bougies . . . . .                                                                                                           | 0 | 4  | 6  |

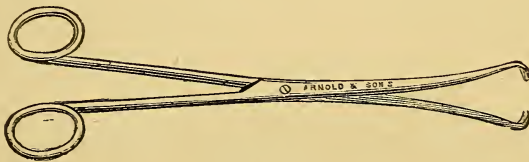


FIG. 140.

|                                                              |   |   |   |
|--------------------------------------------------------------|---|---|---|
| Vulsellum Forceps, Fig. 140 . . . . .                        | 0 | 7 | 6 |
| Tonsil Bistoury . . . . .                                    | 0 | 3 | 6 |
| Tonsil Lancet, with Silver canula, in morocco case . . . . . | 1 | 0 | 0 |

TONSIL UVULA AND CLEFT PALATE INSTRUMENTS.

|                                                              | £ | s. | d. |
|--------------------------------------------------------------|---|----|----|
| Tonsil Guillotine, plain, for excising the tonsils . . . . . | 1 | 4  | 0  |
| World's ditto . . . . .                                      | 1 | 12 | 6  |

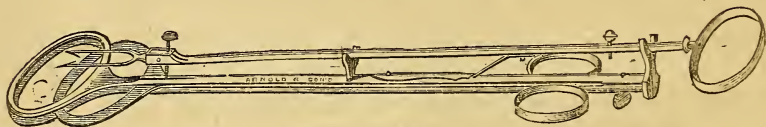


FIG. 141.

|                                       |   |    |   |
|---------------------------------------|---|----|---|
| Luer's Guillotine, Fig. 141 . . . . . | 1 | 17 | 0 |
|---------------------------------------|---|----|---|



FIG. 142.



FIG. 143.

|                                                                                     |   |   |   |
|-------------------------------------------------------------------------------------|---|---|---|
| Hainworth's new Instrument for incising the tonsils,<br>Figs. 142 and 143 . . . . . | 1 | 1 | 0 |
|-------------------------------------------------------------------------------------|---|---|---|

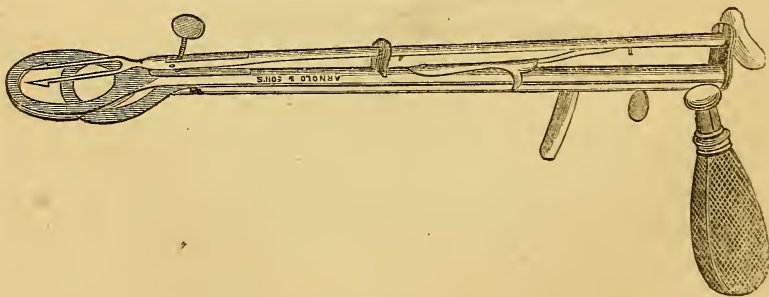


FIG. 144.

|                                                |   |   |   |
|------------------------------------------------|---|---|---|
| Improved Tonsil Guillotine, Fig. 144 . . . . . | 2 | 2 | 0 |
|------------------------------------------------|---|---|---|

|                                                                                                          | £ | s. | d. |
|----------------------------------------------------------------------------------------------------------|---|----|----|
| Erichsen's Tonsil Scissors . . . . .                                                                     | 0 | 5  | 0  |
| Tonsil Scissors, curved blades and hook . . . . .                                                        | 0 | 6  | 6  |
| Smith's Angular Knives, Right . . . . .                                                                  | 0 | 6  | 0  |
| Ditto Left . . . . .                                                                                     | 0 | 6  | 0  |
| Ditto Straight Palate . . . . .                                                                          | 0 | 3  | 6  |
| Forceps with tenaculum points . . . . .                                                                  | 0 | 6  | 6  |
| Cross action Forceps, improved . . . . .                                                                 | 0 | 10 | 6  |
| Ferguson's Needle, with lever for Staphyloraphia . . . . .                                               | 1 | 12 | 0  |
| Ferguson's Straight Palate Knife . . . . .                                                               | 0 | 3  | 6  |
| Ditto Curved . . . . .                                                                                   | 0 | 6  | 0  |
| Curved Palate Needle . . . . .                                                                           | 0 | 4  | 0  |
| Wire Twister . . . . .                                                                                   | 0 | 4  | 0  |
| Tubular Wire Needle . . . . .                                                                            | 0 | 8  | 6  |
| Curved Scissors . . . . .                                                                                | 0 | 6  | 6  |
| Straight ditto . . . . .                                                                                 | 0 | 3  | 6  |
| Needles, half curved, short . . . . . per doz.                                                           | 0 | 6  | 0  |
| Assilini's Self-acting Tonsil Forceps . . . . .                                                          | 0 | 13 | 6  |
| Roux's Needle Holder . . . . .                                                                           | 0 | 10 | 6  |
| Lonsdale's Instrument for Fractured Jaw . . . . .                                                        | 2 | 0  | 0  |
| Smith's Gag, with cog joint, side levers, and tongue de-<br>pressor combined, the set complete . . . . . | 2 | 5  | 0  |
| Tonsil Lancet, with Silver canula, in morocco case . . . . .                                             | 1 | 0  | 0  |

---

## TOOTH INSTRUMENTS.

Leather Pouch, containing—

- Curved Tooth Forceps.
- Straight Tooth Forceps.
- Fox's Tooth Key, with three claws.
- Gum Lancet, in tortoiseshell.
- Elevator.

The above set complete . . . . . £1 0 0

---

Leather Pouch, containing—

- Lower Molar Forceps, single joints.
- Upper Molar Forceps ditto ditto.
- Lower Bicuspides ditto ditto.
- Upper Bicuspides ditto ditto.
- Curved Stump ditto ditto.

Fox's Tooth Key, with three claws.  
 Gum Lancet, in tortoiseshell.  
 Elevator.

The above set complete . . . . . £1 17 6

---

Leather Pouch, lined with velvet, containing—

Upper Molar Forceps, Right (circular joints).  
 Upper Molar Forceps, Left ditto.  
 Lower Molar Forceps ditto.  
 Upper Bicuspides ditto ditto.  
 Lower Bicuspides ditto ditto.  
 Curved Stump ditto ditto.  
 Fox's Tooth Key, with three claws.  
 Gum Lancet, in tortoiseshell.  
 Bell's Elevator.

The above set complete . . . . . £3 3 0

---

Leather case, lined with velvet, containing—

Upper Molar Forceps, Right (circular joints).  
 Upper Molar Forceps, Left ditto.  
 Lower Molar ditto ditto.  
 Upper Incisors ditto ditto.  
 Lower Incisors and Canine Forceps ditto.  
 Upper Bicuspides ditto ditto.  
 Lower Bicuspides ditto ditto.  
 Curved Stump Forceps.  
 Fox's spring-bolt Tooth Key, with three claws.  
 Gum Lancet, spring back, in tortoiseshell.  
 Bell's Elevator.

The above set complete . . . . . £4 7 6

---

Superior Leather case, lined with velvet, containing—

Upper Molar, Right, with circular joints.  
 Upper Molar, Left ditto.  
 Lower Molar ditto.

|                                             |        |
|---------------------------------------------|--------|
| Upper Wisdom Forceps, with circular joints. |        |
| Lower Wisdom                                | ditto. |
| Upper Bicuspides                            | ditto. |
| Lower Bicuspides                            | ditto. |
| Upper Incisors and Canines                  | ditto. |
| Lower ditto                                 | ditto. |
| Upper Stump                                 | ditto. |
| Lower Stump                                 | ditto. |
| Elevator in ivory handle.                   |        |

The above set complete . . . . . £5 2 6

Mahogany case, lined with silk velvet, containing—

|                                        |        |
|----------------------------------------|--------|
| Upper Molar, Right (circular joints).  |        |
| Upper Molar, Left                      | ditto. |
| Lower Molar                            | ditto. |
| Upper Wisdom                           | ditto. |
| Lower Wisdom                           | ditto. |
| Upper Bicuspides.                      |        |
| Lower Bicuspides.                      |        |
| Upper Central Incisors and Canines.    |        |
| Lower Central Incisors and Canines.    |        |
| Upper Lateral Incisors and Bicuspides. |        |
| Lower Lateral Incisors and Bicuspides. |        |
| Improved Lower Stumps.                 |        |
| Improved Upper Stumps.                 |        |
| Lower Roots.                           |        |
| Elevator in chequered handle.          |        |
| Gum Lancet, spring back in shell.      |        |

The above set complete . . . . . £6 15 0

|                                                                                   | £ | s. | d. |
|-----------------------------------------------------------------------------------|---|----|----|
| Scaling Instruments, four in Morocco case . . . . .                               | 0 | 10 | 0  |
| Ditto six ditto . . . . .                                                         | 0 | 14 | 0  |
| Portable Scaling Instruments, six fitting one handle, in case                     | 0 | 12 | 0  |
| Set of six Scaling Instruments, in ivory handles and Mo-<br>rocco case . . . . .  | 0 | 18 | 0  |
| Set of twelve ditto ditto . . . . .                                               | 1 | 15 | 0  |
| Set of six Stopping Instruments, in ivory handles and Mo-<br>rocco case . . . . . | 0 | 18 | 0  |
| Set of twelve ditto ditto . . . . .                                               | 1 | 15 | 0  |

£ s. d.

|                                                                                                                                                      |   |    |   |
|------------------------------------------------------------------------------------------------------------------------------------------------------|---|----|---|
| Set of Scaling and Stopping Instruments, consisting of six Scaling, in ivory handles, and six Stopping, in Morocco case, lined silk velvet . . . . . | 1 | 15 | 0 |
| Set of twelve Scaling Instruments fitting one socket handle (ivory), in Morocco case, lined silk velvet . . . . .                                    | 1 | 0  | 0 |
| Set of twelve Stopping Instruments fitting one socket, ivory handle, in Morocco case, lined silk velvet . . . . .                                    | 1 | 0  | 0 |
| Set of twelve Stopping and twelve Scaling Instruments fitting one socket, ivory handle, in Morocco case, lined silk velvet . . . . .                 | 1 | 10 | 6 |
| Set of twelve Excavating and six Rosehead Drills, fitting one socket handle, in Morocco case, lined silk velvet . . . . .                            | 1 | 1  | 0 |
| Set of twelve Instruments for cutting down Enamel, with socket handle, in Morocco case complete . . . . .                                            | 1 | 2  | 6 |

Dental Cabinet in Rosewood, Walnut, or Mahogany, lined silk velvet, with Instrument Trays, &c., containing—

Twelve Scaling Instruments, in ivory handles.  
 Twelve Stopping ditto ditto.  
 Twelve Excavators, steel handles.  
 Twelve Drills, rose-heads, ditto.  
 One Mouth Mirror.  
 Spring Forceps for foil, cotton, &c.  
 Bottle for Stopping.  
 Bottle for Mercury.

The above set complete . . . . . £10 10 0

Dental Cabinet in Rosewood, Walnut, or Mahogany, lined silk velvet, with Trays for Instruments, Gold foil, and Drawer for Forceps, &c., containing—

Twelve Scaling Instruments, in ivory handles.  
 Twelve Stopping ditto ditto.  
 Twelve Excavators, steel handles.  
 Twelve rose-headed Drills, ditto.  
 Sixteen pairs Forceps.  
 Two Elevators.  
 One Excising Forceps.  
 One Mouth Mirror.

Pair strong Scissors.  
Gum Lancet, in tortoiseshell.

The above set complete . . . . . £16 16 0

Superior Dental Cabinet in Rosewood, Walnut, or Mahogany, lined silk velvet, with Trays and Drawers for Instruments, Gold foil, &c., and lower Drawer for extra Forceps, containing—

Eighteen superior Scaling Instruments, in ivory handles.  
Eighteen ditto Stopping ditto ditto.  
Twenty-four Excavators, in steel handles.  
Twelve rose Drills ditto.  
Twelve pairs circular-jointed Tooth Forceps.  
Four ditto ditto for Children.  
Twelve Excavators, fitting socket handle.  
Twelve rose Drills ditto.  
Pair Excising Forceps.  
Two Stump Elevators.  
One Screw for Stumps.  
One Gum Lancet, spring back.  
One strong Scissors, for foil, &c  
One Tooth Syringe.  
One Mouth Mirror.  
One Saw.  
One Mouth Spatula.

The above set complete. . . . . £25 0 0

Tooth Forceps, circular joints and chequered handles, superior quality:—

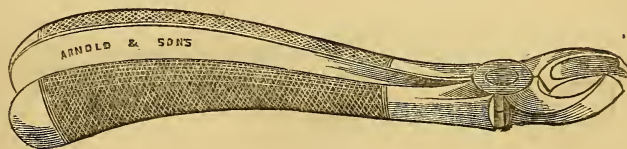


FIG. 145.

Upper Molar Forceps, right, Fig. 145 . . . . . £ s. d.  
0 7 6

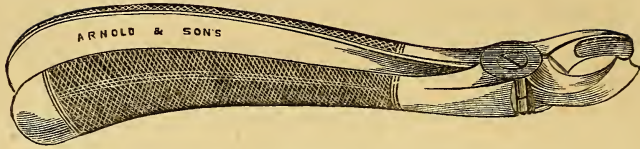


FIG. 146.

|                                               |   |    |    |
|-----------------------------------------------|---|----|----|
| Upper Molar Forceps, left, Fig. 146 . . . . . | £ | s. | d. |
|                                               | 0 | 7  | 6  |

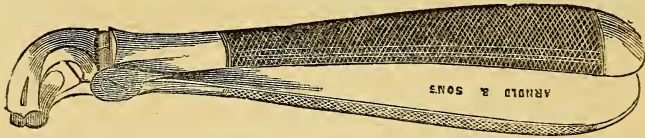


FIG. 147.

|                                         |   |   |   |
|-----------------------------------------|---|---|---|
| Lower Molar Forceps, Fig. 147 . . . . . | 0 | 7 | 6 |
|-----------------------------------------|---|---|---|

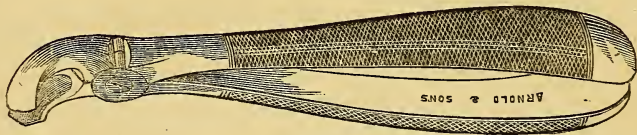


FIG. 148.

|                                          |   |   |   |
|------------------------------------------|---|---|---|
| Lower Wisdom Forceps, Fig. 148 . . . . . | 0 | 7 | 6 |
|------------------------------------------|---|---|---|

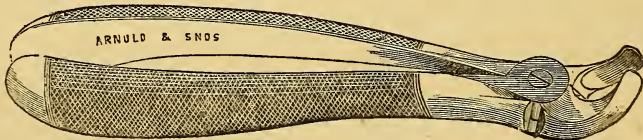


FIG. 149.

|                                          |   |   |   |
|------------------------------------------|---|---|---|
| Upper Wisdom Forceps, Fig. 149 . . . . . | 0 | 7 | 6 |
|------------------------------------------|---|---|---|

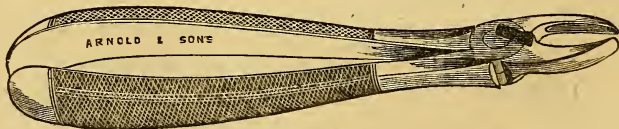


FIG. 150.

|                                                        |   |   |   |
|--------------------------------------------------------|---|---|---|
| Upper Central Incisors and Canines, Fig. 150 . . . . . | 0 | 7 | 6 |
|--------------------------------------------------------|---|---|---|

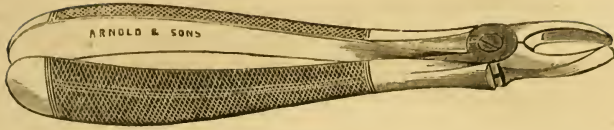


FIG. 151.

|                                                 |   |    |    |
|-------------------------------------------------|---|----|----|
| Upper Lateral Incisors and Bicuspides, Fig. 151 | £ | s. | d. |
|                                                 | 0 | 7  | 6  |

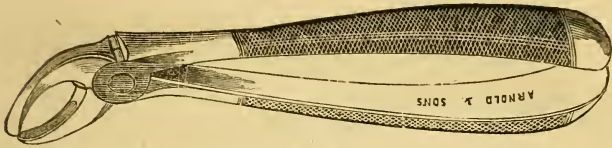


FIG. 152.

|                                      |   |    |    |
|--------------------------------------|---|----|----|
| Lower Incisors and Canines, Fig. 152 | £ | s. | d. |
|                                      | 0 | 7  | 6  |

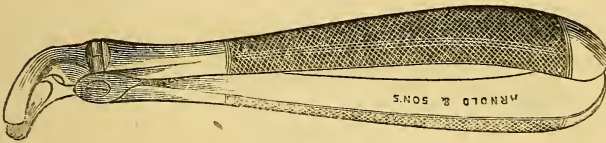


FIG. 153.

|                                    |   |    |    |
|------------------------------------|---|----|----|
| Lower Bicuspides Forceps, Fig. 153 | £ | s. | d. |
|                                    | 0 | 7  | 6  |

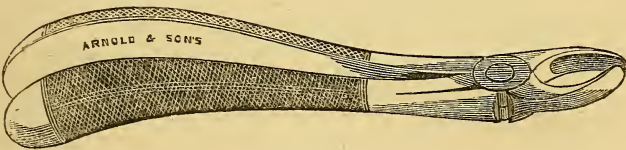


FIG. 154.

|                                    |   |    |    |
|------------------------------------|---|----|----|
| Upper Bicuspides Forceps, Fig. 154 | £ | s. | d. |
|                                    | 0 | 7  | 6  |

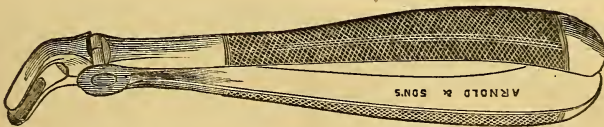


FIG. 155.

|                               |   |    |    |
|-------------------------------|---|----|----|
| Lower Stump Forceps, Fig. 155 | £ | s. | d. |
|                               | 0 | 7  | 6  |

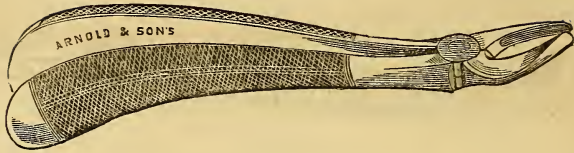


FIG. 156.

|                               |         |
|-------------------------------|---------|
| Upper Stump Forceps, Fig. 156 | £ s. d. |
| . . . . .                     | 0 7 6   |

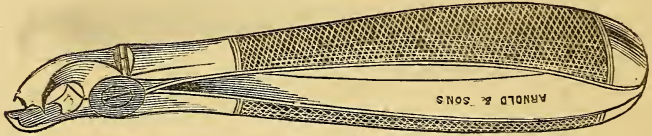


FIG. 157.

|                                     |                 |
|-------------------------------------|-----------------|
| Lower Molar Stump Forceps, Fig. 157 | . . . . . 0 7 6 |
|-------------------------------------|-----------------|

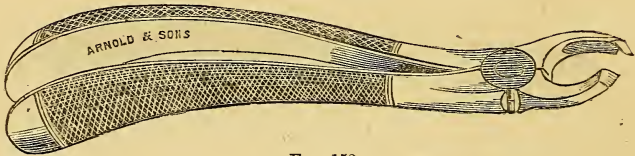


FIG. 158.

|                                     |                 |
|-------------------------------------|-----------------|
| Upper Molar Stumps, right, Fig. 158 | . . . . . 0 7 6 |
|-------------------------------------|-----------------|

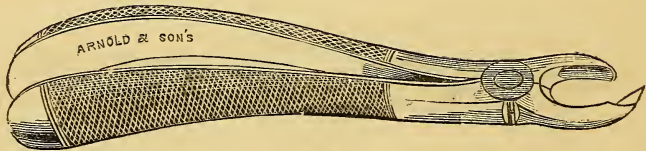


FIG. 159.

|                                    |                 |
|------------------------------------|-----------------|
| Upper Molar Stumps, left, Fig. 159 | . . . . . 0 7 6 |
|------------------------------------|-----------------|

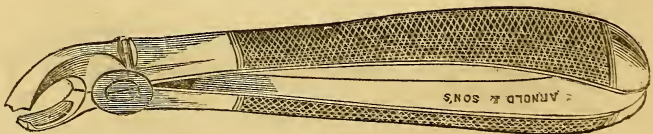


FIG. 160.

|                              |                 |
|------------------------------|-----------------|
| Lower Molar, right, Fig. 160 | . . . . . 0 7 6 |
|------------------------------|-----------------|

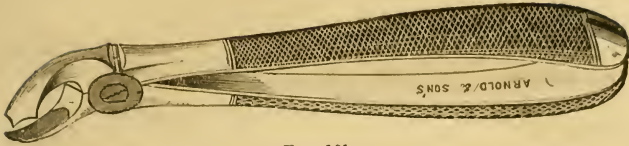


FIG. 161.

|                                     |   |   |   |   |   |    |    |
|-------------------------------------|---|---|---|---|---|----|----|
| Lower Molar, Forceps left, Fig. 161 | . | . | . | . | £ | s. | d. |
|                                     |   |   |   |   | 0 | 7  | 6  |

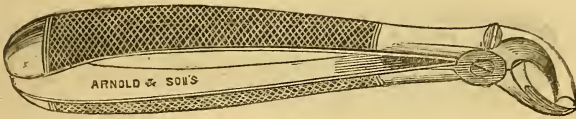


FIG. 162.

|                                 |   |   |   |   |   |   |   |   |
|---------------------------------|---|---|---|---|---|---|---|---|
| Lower Bicuspid, right, Fig. 162 | . | . | . | . | . | 0 | 7 | 6 |
|---------------------------------|---|---|---|---|---|---|---|---|

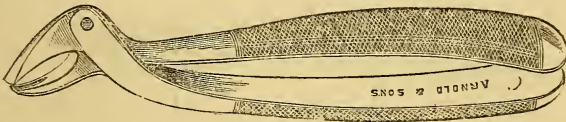


FIG. 163.

|                                  |   |   |   |   |   |   |   |   |
|----------------------------------|---|---|---|---|---|---|---|---|
| Lower Bicuspid Forceps, Fig. 163 | . | . | . | . | . | 0 | 7 | 6 |
|----------------------------------|---|---|---|---|---|---|---|---|

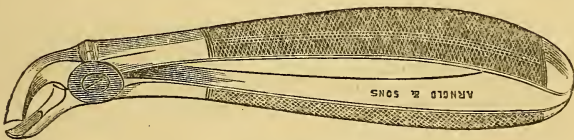


FIG. 164.

|                                |   |   |   |   |   |   |   |   |
|--------------------------------|---|---|---|---|---|---|---|---|
| Lower Bicuspid, left, Fig. 164 | . | . | . | . | . | 0 | 7 | 6 |
|--------------------------------|---|---|---|---|---|---|---|---|

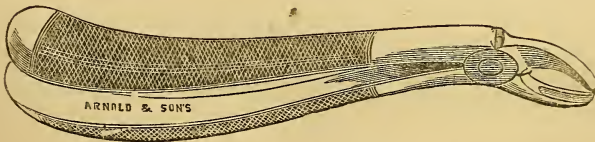


FIG. 165.

|                                 |   |   |   |   |   |   |   |   |
|---------------------------------|---|---|---|---|---|---|---|---|
| Upper Bicuspid, right, Fig. 165 | . | . | . | . | . | 0 | 7 | 6 |
|---------------------------------|---|---|---|---|---|---|---|---|

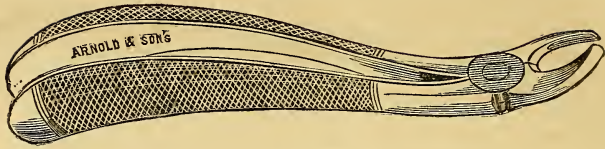


FIG. 166.

Upper Bicuspides, left, Fig. 166

£ s. d.  
0 7 6

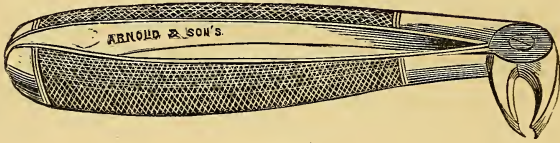


FIG. 167.

Lower Bicuspides, right, Fig. 167

0 7 6

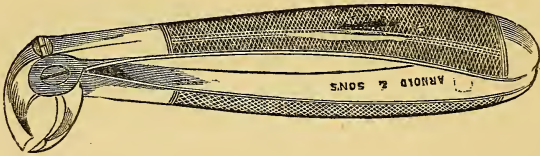


FIG. 168.

Lower Bicuspides, left, Fig. 168

0 7 6

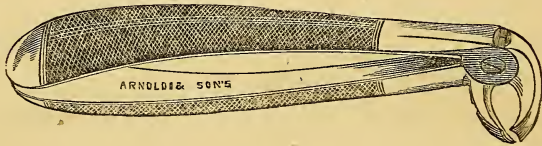


FIG. 169.

Lower Bicuspides Forceps, Fig. 169

0 7 6

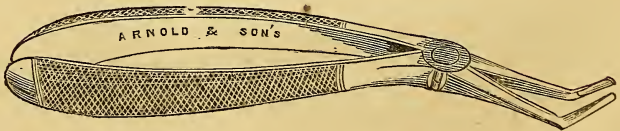


FIG. 170.

Upper Stump Forceps, Fig. 170

0 7 6

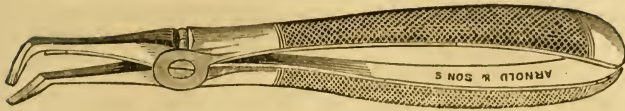


FIG. 171.

|                               |         |
|-------------------------------|---------|
| Lower Stump Forceps, Fig. 171 | £ s. d. |
|                               | 0 7 6   |

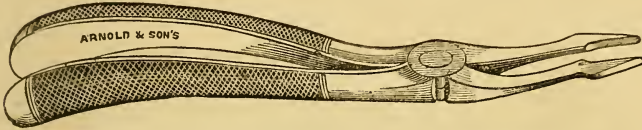


FIG. 172.

|                               |       |
|-------------------------------|-------|
| Upper Stump Forceps, Fig. 172 | 0 7 6 |
|-------------------------------|-------|

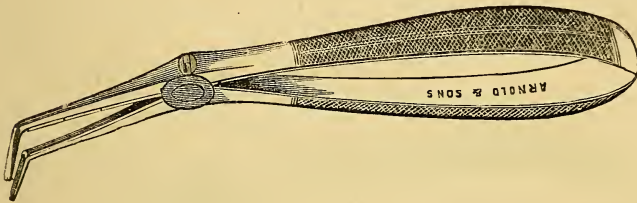


FIG. 173.

|                                     |       |
|-------------------------------------|-------|
| Lower Stump Forceps, left, Fig. 173 | 0 7 6 |
|-------------------------------------|-------|

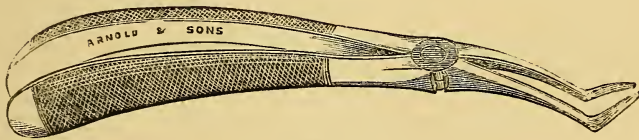


FIG. 174.

|                               |       |
|-------------------------------|-------|
| Upper Stump Forceps, Fig. 174 | 0 7 6 |
|-------------------------------|-------|

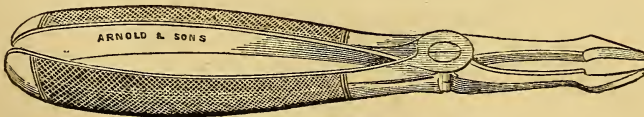


FIG. 175.

|                               |       |
|-------------------------------|-------|
| Upper Stump Forceps, Fig. 175 | 0 7 6 |
|-------------------------------|-------|

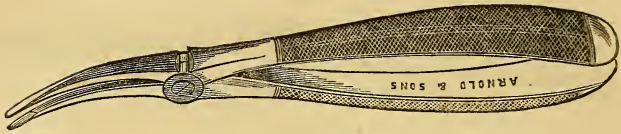


FIG. 176.

|                               |   |   |   |   |   |   |    |    |
|-------------------------------|---|---|---|---|---|---|----|----|
| Lower Stump Forceps, Fig. 176 | . | . | . | . | . | £ | s. | d. |
|                               |   |   |   |   |   | 0 | 7  | 6  |

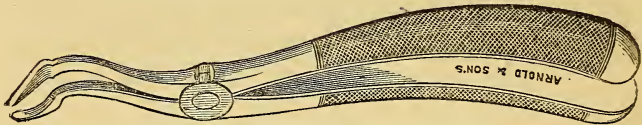


FIG. 177.

|                               |   |   |   |   |   |   |   |   |
|-------------------------------|---|---|---|---|---|---|---|---|
| Lower Stump Forceps, Fig. 177 | . | . | . | . | . | 0 | 7 | 6 |
|-------------------------------|---|---|---|---|---|---|---|---|

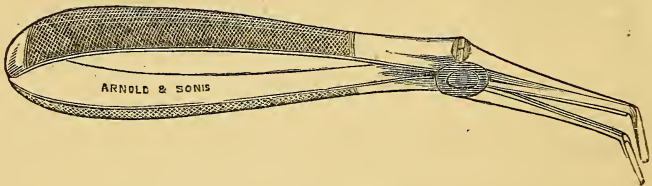


FIG. 178.

|                                      |   |   |   |   |   |   |   |   |
|--------------------------------------|---|---|---|---|---|---|---|---|
| Lower Stump Forceps, right, Fig. 178 | . | . | . | . | . | 0 | 7 | 6 |
|--------------------------------------|---|---|---|---|---|---|---|---|

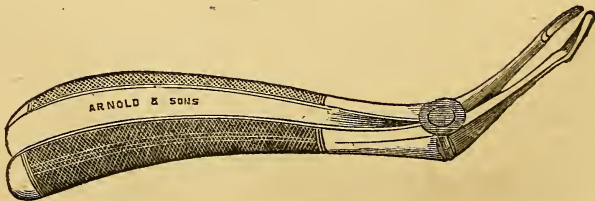


FIG. 179.

|                                      |   |   |   |   |   |   |   |   |
|--------------------------------------|---|---|---|---|---|---|---|---|
| Upper Stump Forceps, right, Fig. 179 | . | . | . | . | . | 0 | 7 | 6 |
|--------------------------------------|---|---|---|---|---|---|---|---|

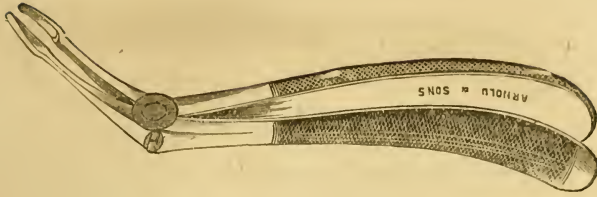


FIG. 180.

|                                     |         |
|-------------------------------------|---------|
| Upper Stump Forceps, left, Fig. 180 | £ s. d. |
| . . . . .                           | 0 7 6   |

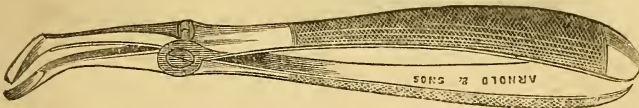


FIG. 181.

|                               |         |
|-------------------------------|---------|
| Lower Stump Forceps, Fig. 181 | £ s. d. |
| . . . . .                     | 0 7 6   |

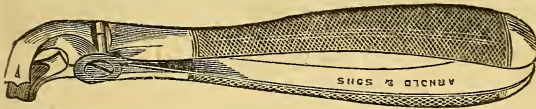


FIG. 182.

|                                                      |         |
|------------------------------------------------------|---------|
| Children's Forceps, Lower Temporary Molars, Fig. 182 | £ s. d. |
| . . . . .                                            | 0 6 6   |

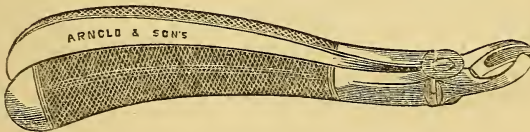


FIG. 183.

|                                             |         |
|---------------------------------------------|---------|
| Children's Upper Temporary Molars, Fig. 183 | £ s. d. |
| . . . . .                                   | 0 6 6   |

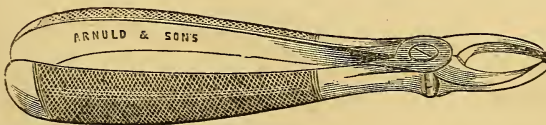


FIG. 184.

|                                               |         |
|-----------------------------------------------|---------|
| Children's Upper Temporary Incisors, Fig. 184 | £ s. d. |
| . . . . .                                     | 0 6 6   |

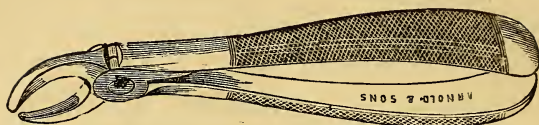


FIG. 185.

|                                               |   |   |   |   |    |    |
|-----------------------------------------------|---|---|---|---|----|----|
| Children's Lower Temporary Incisors, Fig. 185 | . | . | . | £ | s. | d. |
|                                               |   |   |   | 0 | 6  | 6  |

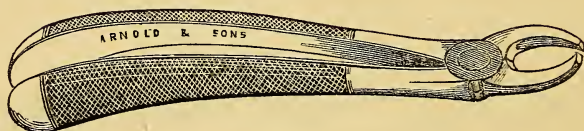


FIG. 186.

|                                  |   |   |   |   |   |   |   |   |
|----------------------------------|---|---|---|---|---|---|---|---|
| Upper Excising Forceps, Fig. 186 | . | . | . | . | . | 0 | 8 | 6 |
|----------------------------------|---|---|---|---|---|---|---|---|

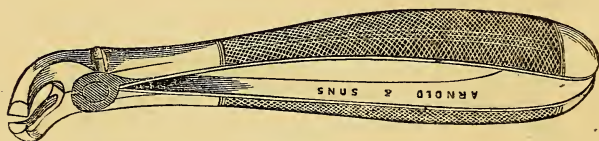


FIG. 187.

|                                  |   |   |   |   |   |   |   |   |
|----------------------------------|---|---|---|---|---|---|---|---|
| Lower Excising Forceps, Fig. 187 | . | . | . | . | . | 0 | 8 | 6 |
|----------------------------------|---|---|---|---|---|---|---|---|

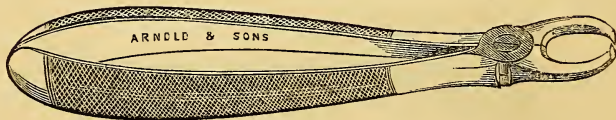


FIG. 188.

|                                  |   |   |   |   |   |   |   |   |
|----------------------------------|---|---|---|---|---|---|---|---|
| Upper Excising Forceps, Fig. 188 | . | . | . | . | . | 0 | 8 | 6 |
|----------------------------------|---|---|---|---|---|---|---|---|



FIG. 189.

|                                  |   |   |   |   |   |   |   |   |
|----------------------------------|---|---|---|---|---|---|---|---|
| Lower Excising Forceps, Fig. 189 | . | . | . | . | . | 0 | 8 | 6 |
|----------------------------------|---|---|---|---|---|---|---|---|

|                                          |         |
|------------------------------------------|---------|
|                                          | £ s. d. |
| Mr. Cattlin's Alveolar Forceps . . . . . | 0 10 6  |

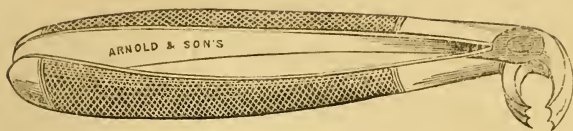


FIG. 190.

|                                                  |       |
|--------------------------------------------------|-------|
| Lower Molar Forceps, angular, Fig. 190 . . . . . | 0 8 0 |
|--------------------------------------------------|-------|

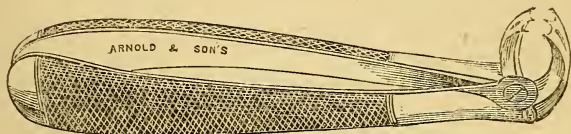


FIG. 191.

|                                                        |       |
|--------------------------------------------------------|-------|
| Lower Molar Forceps, angular, Left, Fig. 191 . . . . . | 0 8 0 |
|--------------------------------------------------------|-------|



FIG. 192.

|                                                        |       |
|--------------------------------------------------------|-------|
| Lower Molar Forceps, angular, Right, Fig. 192. . . . . | 0 8 0 |
|--------------------------------------------------------|-------|

Mr. Coleman's Odontological Bag (Registered), containing—

- Twelve pairs Tooth Forceps.
- Three Elevators.
- Gum Lancet, in tortoiseshell handle.
- Tenaculum ditto.
- Scalpel ditto

Paget's Knife.

Nitrous Oxide Apparatus, consisting of a Twenty-five gallon  
Bottle of Liquid Gas, Bloxam's Bag, two face-pieces, three  
props, two way stopcocks, unions, &c.

Eight half-ounce stoppered glass bottles.

Four two-ounce ditto ditto.

Twenty-four Excavators, steel handles.

Twelve Rose Drills.

Twenty-four Plugger's, wooden handles.

Six Enamel Cutters.

Four Burnishers.

Six Files.

Mouth Mirror.

Mouth Syringe.

Four steel Scalers.

Box Powdered Pumice.

Two Dragon Roots.

Spatula with Spoon.

Small Agate Pestle and Mortar.

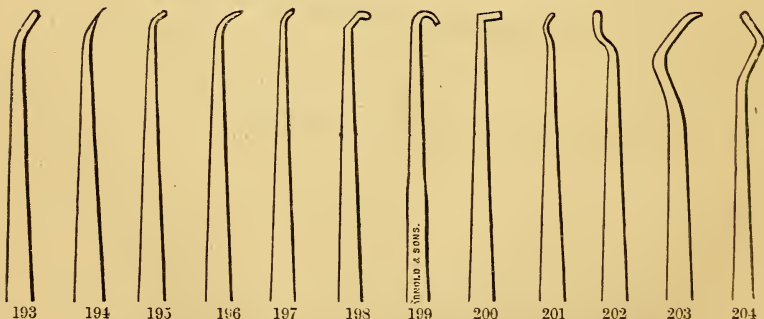
Small Spirit Lamp.

Dressing Forceps.

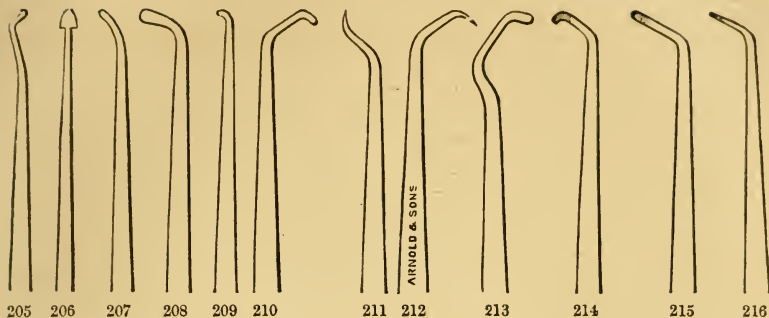
Foil Forceps.

Trays for gold-foil, German tinder, &c., &c.

The above set complete . . . . . 20 0 0

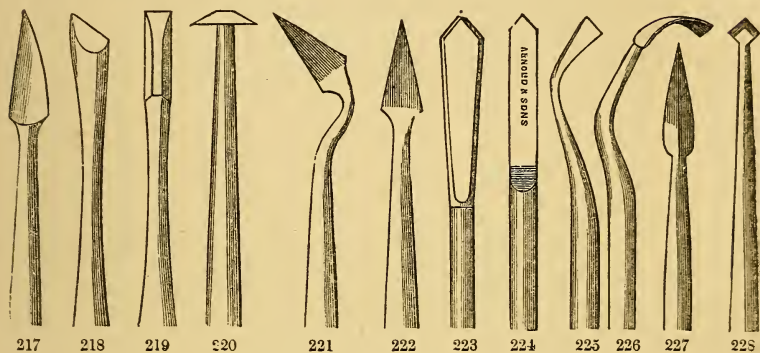


Excavating Instruments, steel handles, as Fig. 193 to 204 . 0 1 0

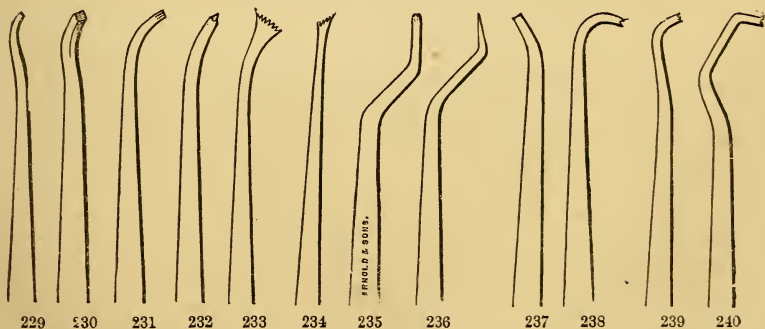


Excavating Instruments, in ivory handles, as Fig. 205 to 216

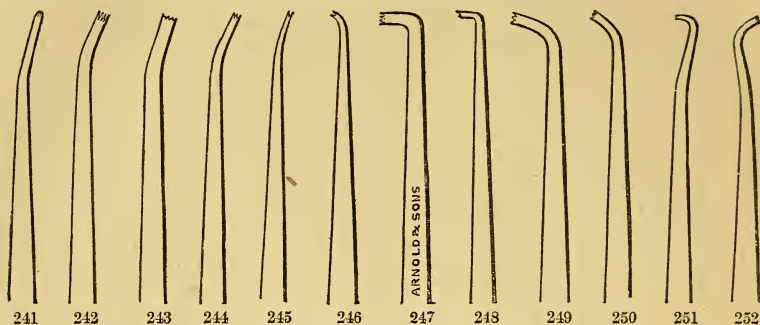
|   |    |    |
|---|----|----|
| £ | s. | d. |
| 0 | 1  | 6  |



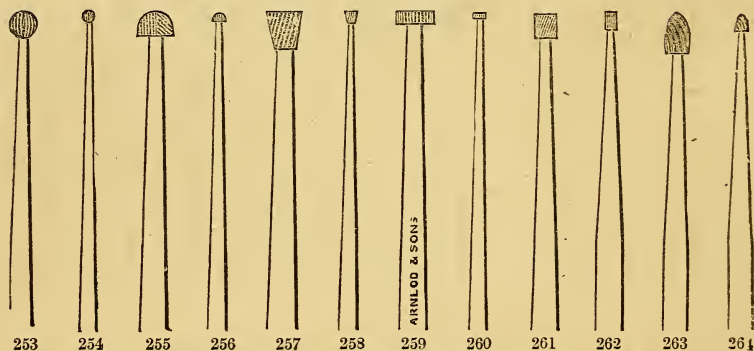
Scaling Instruments, in ivory handles, as Fig. 217 to 228 . 0 2 0  
 Scaling Instruments, ditto scaletang as Fig. 217 to 228 . 0 3 0



Stopping Instruments, in steel handles, as Fig. 229 to 240 0 1 0



|                                                             | £ | s. | d. |
|-------------------------------------------------------------|---|----|----|
| Stopping Instruments, in ivory handles, as Fig. 241 to 252  | 0 | 2  | 0  |
| Stopping Instruments, ditto, scale tang, as Fig. 241 to 252 | 0 | 3  | 0  |



|                                                          |   |   |   |
|----------------------------------------------------------|---|---|---|
| Rose-head Drills, with steel handles, as Fig. 253 to 264 | 0 | 1 | 0 |
| Rose-head Drills, in ivory handles, as Fig. 253 to 264   | 0 | 1 | 6 |

---

|                                                         |   |    |   |
|---------------------------------------------------------|---|----|---|
| Rose-head Drill, with universal joint                   | 0 | 15 | 0 |
| Ditto Arnold and Sons' Improved                         | 1 | 3  | 6 |
| Gum Lancet (tortoiseshell handle)                       | 0 | 2  | 6 |
| Ditto spring back                                       | 0 | 4  | 0 |
| Ditto two blades                                        | 0 | 7  | 6 |
| Ditto three blades                                      | 0 | 10 | 0 |
| Fox's Tooth Key, ebony handle                           | 0 | 8  | 6 |
| Ditto ditto ivory handle                                | 0 | 11 | 0 |
| Improved Fox's Tooth Key with spring bolt, ebony handle | 0 | 14 | 0 |
| Ditto ditto ivory                                       | 0 | 16 | 0 |
| Ditto ditto with spring to handle                       | 0 | 18 | 0 |

|                                                                               | £ | s. | d. |
|-------------------------------------------------------------------------------|---|----|----|
| Two Tooth Keys, small and large, with spring bolts and ivory handle . . . . . | 1 | 10 | 0  |
| Snell's Tooth Key, ivory handle, spring bolt, and revolving fulcrum . . . . . | 1 | 1  | 0  |
| Bell's Elevator . . . . .                                                     | 0 | 4  | 6  |
| Clendon's ditto, ebony handle . . . . .                                       | 0 | 3  | 0  |
| Ditto ditto, chequered ebony handle . . . . .                                 | 0 | 3  | 6  |
| Ditto ditto, ivory handle . . . . .                                           | 0 | 5  | 0  |
| Ditto ditto, with swivel joint . . . . .                                      | 0 | 7  | 0  |
| Kempton's ditto, with six claws, in case complete . . . . .                   | 1 | 1  | 0  |
| Sheffield's Elevator . . . . .                                                | 0 | 5  | 0  |
| Saunders' ditto, set of three . . . . .                                       | 0 | 6  | 0  |

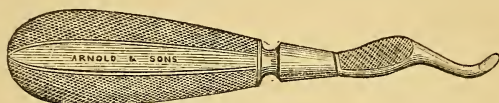


FIG. 265.

|                                                      |   |    |   |
|------------------------------------------------------|---|----|---|
| Tomes' Elevator, Fig. 265 . . . . .                  | 0 | 5  | 0 |
| American Elevator . . . . .                          | 0 | 3  | 6 |
| Thomson's ditto . . . . .                            | 0 | 4  | 6 |
| Ditto ditto, set of three, in ebony handle . . . . . | 0 | 13 | 6 |
| Ditto ditto ditto, in ivory . . . . .                | 0 | 18 | 0 |



FIG. 266.

|                                                                                                    |   |    |   |
|----------------------------------------------------------------------------------------------------|---|----|---|
| Arnold and Sons' Improved Elevator, with cog movement, adjustable at any angle, Fig. 266 . . . . . | 0 | 10 | 0 |
| Plain Elevators . . . . .                                                                          | 0 | 2  | 6 |
| Screw for Stumps . . . . .                                                                         | 0 | 2  | 6 |
| Mouth Mirror, ivory handle . . . . .                                                               | 0 | 4  | 0 |
| Ditto hinged . . . . .                                                                             | 0 | 5  | 6 |
| German silver Mirror, ivory handle . . . . .                                                       | 0 | 6  | 0 |
| Ditto to fold . . . . .                                                                            | 0 | 8  | 6 |
| Mouth Mirror, pearl handle . . . . .                                                               | 0 | 7  | 6 |
| Ditto to fold . . . . .                                                                            | 0 | 9  | 0 |
| Steel Mirror . . . . .                                                                             | 0 | 2  | 6 |
| Ditto with pearl handle . . . . .                                                                  | 0 | 3  | 6 |
| Ditto tortoiseshell . . . . .                                                                      | 0 | 3  | 6 |

|                                                        | £ | s. | d. |
|--------------------------------------------------------|---|----|----|
| Mouth Mirror, in wood frame . . . . .                  | 0 | 1  | 0  |
| Silver Mirror, with ball and socket movement . . . . . | 0 | 17 | 6  |
| Ditto folding joint . . . . .                          | 0 | 12 | 6  |
| Kiessler's plated-frame Mirror . . . . .               | 0 | 15 | 6  |
| Swing frame plated ditto . . . . .                     | 0 | 6  | 6  |

---

### TROCARS.

Morocco leather case, containing—

Hydrocele Trocar, in chequered ebony handle, and silver ferrule and canula.

Glass Syringe, with platina point and ivory mounts.

The set complete . . . . . £0 17 6

---

Morocco leather case, lined silk velvet, containing—

Large Trocar for paracentesis abdominis, in chequered ebony handle, with silver ferrule and canula.

Medium Trocar for ascites ditto.

Small ditto hydrocele, ditto.

The set complete . . . . . £1 5 0

---

Superior morocco leather case, with spring lock and lined silk velvet, containing—

Large Trocar for paracentesis abdominis, in chequered ebony handle, with silver ferrule and canula.

Medium Trocar for ascites, ditto.

Small ditto hydrocele, ditto.

Ponteau's curved Trocar for puncturing the bladder per rectum.

Glass Syringe, with platina point and ivory mounts.

The set complete . . . . . £2 7 6



FIG. 267.

---

Hydrocele Trocar, in chequered ebony handle, silver canula and ferrule, Fig. 267 . . . . . 0 6 6



FIG. 268.

|                                                                                          |         |
|------------------------------------------------------------------------------------------|---------|
| Ascites Trocar, in chequered ebony handle, silver canula and ferrule, Fig. 268 . . . . . | £ s. d. |
|                                                                                          | 0 7 6   |

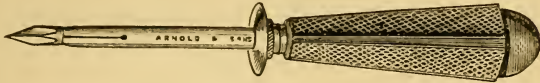


FIG. 269.

|                                                                                                         |       |
|---------------------------------------------------------------------------------------------------------|-------|
| Paracentesis Abdominis Trocar, in chequered ebony handle, silver canula and ferrule, Fig. 269 . . . . . | 0 8 6 |
|---------------------------------------------------------------------------------------------------------|-------|

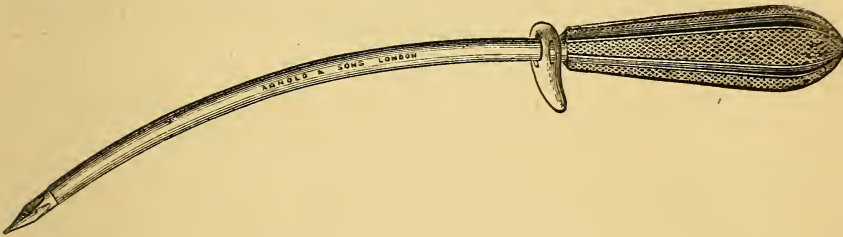


FIG. 270.

|                                                                                                                                         |        |
|-----------------------------------------------------------------------------------------------------------------------------------------|--------|
| Ponseau's curved Trocar for puncturing the bladder per rectum, in chequered ebony handle, silver canula and ferrule, Fig. 270 . . . . . | 0 13 6 |
| Cock's Trocar for puncturing the bladder per rectum, with three silver canulas, in case complete . . . . .                              | 1 13 6 |



FIG. 271.

|                                                                                                                                                |      |       |
|------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|
| Exploring Trocar in ivory case, the silver canula fitting into the handle for portability, four sizes, Nos. 1, 2, 3, and 4, Fig. 271 . . . . . | each | 0 7 6 |
| Exploring Trocar in ebony case, Fig. 271 ditto ditto                                                                                           |      | 0 6 6 |
| Hydrocele Trocar ditto Fig. 271 . . . . .                                                                                                      |      | 0 7 6 |
| Ascites ditto ditto Fig. 271 . . . . .                                                                                                         |      | 0 8 6 |
| Paracentesis Abdominis, ditto Fig. 271 . . . . .                                                                                               |      | 0 9 6 |

|                                                              | £ | s. | d. |
|--------------------------------------------------------------|---|----|----|
| Dr. Protheroe Smith's Aspirator, in morocco leather case,    |   |    |    |
| with Exploring Trocars, Tubes, &c. . . . . small             | 2 | 2  | 0  |
| Ditto . . . . . ditto large                                  | 3 | 3  | 0  |
| Thompson's Trocar, with side branch for india-rubber tubing, |   |    |    |
| small . . . . .                                              | 0 | 16 | 0  |
| Ditto . . . . . ditto large                                  | 0 | 17 | 0  |
| Dieulafoy's Suction Trocar . . . . .                         | 2 | 2  | 0  |

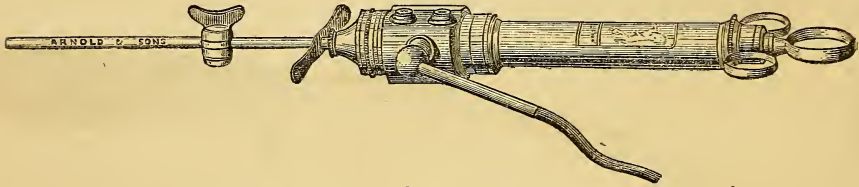


FIG. 272.

|                                                                                                 |   |   |   |
|-------------------------------------------------------------------------------------------------|---|---|---|
| Dr. Murchison's Improved Trocar and Syringe complete, for Tapping the Chest, Fig. 272 . . . . . | 2 | 2 | 0 |
| Ditto with two stop-cock Canulas and Trocars, complete in case . . . . .                        | 3 | 3 | 0 |
| Ditto with three stop-cock Canulas and Trocars, complete in case . . . . .                      | 4 | 4 | 0 |

In the above Syringe the valves are so arranged that it is impossible for air to enter, and no stop-cock is required to the Syringe.

|                                                                                                                                                                 |   |   |   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|
| Erichsen's Trocar for Tapping the Chest. To the end of Canula a mount is made which plugs on, and to which is attached a bladder to receive the fluid . . . . . | 1 | 1 | 0 |
| Hydrocephalus Trocar . . . . .                                                                                                                                  | 0 | 8 | 6 |

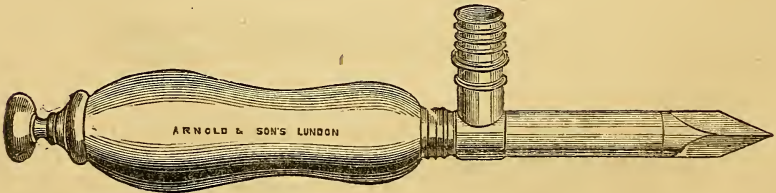


FIG. 273.

|                                                                                      |   |   |   |
|--------------------------------------------------------------------------------------|---|---|---|
| Spencer Wells' Ovariotomy Syphon Trocar, with side branch, small, Fig. 273 . . . . . | 1 | 7 | 6 |
|--------------------------------------------------------------------------------------|---|---|---|

|                                                            | £ | s. | d. |
|------------------------------------------------------------|---|----|----|
| Spencer Wells' Ovariectomy Syphon Trocar, medium, Fig. 273 | 1 | 12 | 6  |
| Ditto ditto large, Fig. 273                                | 2 | 0  | 0  |
| Ditto Syphon Tubular Trocar . . . . .                      | 1 | 7  | 6  |
| Ditto ditto with hooks for securing the pedicle . . . . .  | 2 | 2  | 0  |

ABDOMINAL BELTS, BANDAGES, &C.

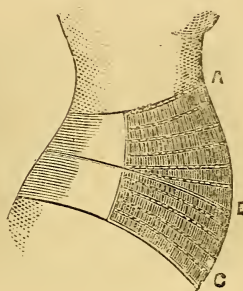


FIG. 274.

|                                                                                                                                                   |           |   |    |   |
|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---|----|---|
| Abdominal Belt Cotton, elastic, third quality, Fig. 274                                                                                           | . . . . . | 0 | 15 | 0 |
| Ditto second ditto . . . . .                                                                                                                      | . . . . . | 1 | 1  | 0 |
| Ditto first ditto . . . . .                                                                                                                       | . . . . . | 1 | 7  | 6 |
| Abdominal Belt, Elastic Silk, third quality . . . . .                                                                                             | . . . . . | 1 | 0  | 0 |
| Ditto second ditto . . . . .                                                                                                                      | . . . . . | 1 | 7  | 6 |
| Ditto first ditto . . . . .                                                                                                                       | . . . . . | 1 | 15 | 0 |
| Spiral Elastic Silk Belts, third quality . . . . .                                                                                                | . . . . . | 1 | 10 | 0 |
| Ditto second ditto . . . . .                                                                                                                      | . . . . . | 2 | 2  | 0 |
| Ditto first ditto . . . . .                                                                                                                       | . . . . . | 3 | 0  | 0 |
| Arnold and Sons' Improved Abdominal Belt, with cotton elastic sides . . . . .                                                                     | . . . . . | 0 | 15 | 0 |
| Ditto ditto superior . . . . .                                                                                                                    | . . . . . | 1 | 1  | 0 |
| Ditto ditto with silk elastic sides . . . . .                                                                                                     | . . . . . | 1 | 1  | 0 |
| Ditto ditto superior . . . . .                                                                                                                    | . . . . . | 1 | 10 | 0 |
| Ditto ditto, with spiral wire sides, superior quality . . . . .                                                                                   | . . . . . | 2 | 2  | 0 |
| The advantage of these Belts consists in the sides being made of specially prepared spiral wires, which always retain their power and elasticity. |           |   |    |   |
| Bryant's Abdominal Belt . . . . .                                                                                                                 | . . . . . | 0 | 17 | 6 |
| Ditto superior . . . . .                                                                                                                          | . . . . . | 1 | 12 | 6 |
| Dr. Woodward's Obstetric Support . . . . .                                                                                                        | . . . . . | 1 | 11 | 6 |

|                                                                                                  | £ | s. | d. |
|--------------------------------------------------------------------------------------------------|---|----|----|
| Umbilical Belt, with cotton elastic sides and pad . . . . .                                      | 0 | 18 | 0  |
| Ditto ditto ditto super . . . . .                                                                | 1 | 4  | 0  |
| Umbilical Belt, with silk elastic sides and Arnold and Sons' improved india-rubber pad . . . . . | 1 | 5  | 0  |
| Ditto ditto ditto super . . . . .                                                                | 1 | 15 | 0  |
| Ditto ditto ditto with spiral elastic sides and inflated pad . . . . .                           | 2 | 2  | 0  |
| Children's india-rubber umbilical Band . . . . .                                                 | 0 | 2  | 0  |
| Ditto ditto to lace . . . . .                                                                    | 0 | 3  | 6  |
| Ditto Umbilical Belts with elastic sides and to lace . . . . .                                   | 0 | 5  | 0  |
| Cocking's Patent Poroplastic Belt . . . . . 2s. 6d. to                                           | 0 | 12 | 6  |

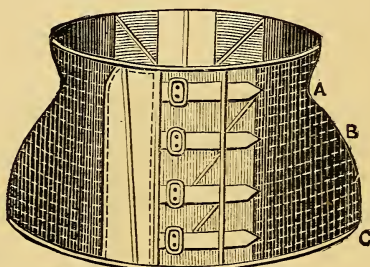


FIG. 275.

|                                                                          |   |    |   |
|--------------------------------------------------------------------------|---|----|---|
| Riding Belts, plain rubber sides, Fig. 275 . . . . .                     | 0 | 7  | 6 |
| Ditto ditto superfine . . . . .                                          | 0 | 12 | 6 |
| Arnold and Sons' Improved Riding Belts, with spiral wire sides . . . . . | 1 | 15 | 0 |
| Ditto ditto super quality . . . . .                                      | 2 | 2  | 0 |
| Prolapsus Uteri Bandage . . . . .                                        | 0 | 12 | 6 |
| Blundell's ditto . . . . .                                               | 1 | 5  | 0 |

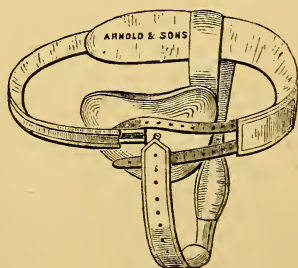


FIG. 276.

|                                                    |   |    |   |
|----------------------------------------------------|---|----|---|
| Hull's Utero-Abdominal Support, Fig. 276 . . . . . | 1 | 15 | 0 |
|----------------------------------------------------|---|----|---|

|                                                                                 | £ | s. | d. |
|---------------------------------------------------------------------------------|---|----|----|
| Hull's Utero-Abdominal Support, superfine quality . . . . .                     | 2 | 5  | 0  |
| Lever's ditto . . . . .                                                         | 1 | 10 | 0  |
| Palfrey's ditto . . . . .                                                       | 1 | 1  | 0  |
| Ashburner's ditto . . . . .                                                     | 0 | 15 | 0  |
| Dr. Greenhalgh's Obstetric Bandages . . . . .                                   | 0 | 5  | 6  |
| Gaitskill's ditto . . . . .                                                     | 0 | 3  | 6  |
| Obstetric Binders, for use after accouchement . . . . .                         | 0 | 5  | 0  |
| Cocking's Patent Poroplastic Bandages, 3s. 6d., 5s., 7s. 6d.,<br>10s., 12s. 6d. | 0 | 15 | 0  |
| T Bandages . . . . .                                                            | 0 | 1  | 6  |
| Eighteen tailed Bandages . . . . .                                              | 0 | 2  | 0  |
| Strait Waistcoats . . . . .                                                     | 0 | 14 | 0  |
| Lunatic Belts, complete . . . . .                                               | 2 | 2  | 0  |

NOTE. — Measurements required for Abdominal Belts, circumference round A, E, and C, Fig. 274.

TRUSSES.

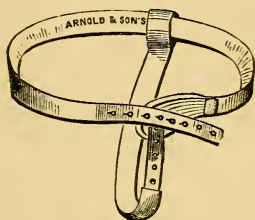


FIG. 277.

|                                                              |   |   |   |
|--------------------------------------------------------------|---|---|---|
| Common Single Truss, Fig. 277 . . . . .                      | 0 | 2 | 6 |
| Ditto Double Truss, Fig. 278 . . . . .                       | 0 | 5 | 0 |
| Circular Single Truss, covered, best, Fig. 277 . . . . .     | 0 | 3 | 6 |
| Ditto Double ditto Fig. 278 . . . . .                        | 0 | 7 | 0 |
| Ditto Single Truss, covered calf and lined doeskin, Fig. 277 | 0 | 5 | 0 |

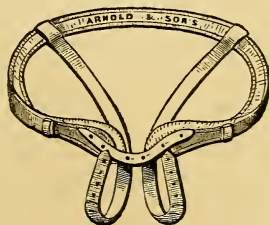


FIG. 278.

|                                                                 |   |    |   |
|-----------------------------------------------------------------|---|----|---|
| Circular Double Truss, covered calf and lined doeskin, Fig. 278 | 0 | 10 | 0 |
| Moc-main Single Truss . . . . .                                 | 0 | 7  | 6 |
| Ditto ditto superior . . . . .                                  | 0 | 12 | 6 |
| Ditto ditto extra superior . . . . .                            | 0 | 15 | 0 |

|                                                             | £ | s. | d. |
|-------------------------------------------------------------|---|----|----|
| Moc-main Double Truss . . . . .                             | 0 | 15 | 0  |
| Ditto ditto super . . . . .                                 | 1 | 5  | 0  |
| Ditto ditto extra superior . . . . .                        | 1 | 10 | 0  |
| Salmon's (expired patent) Single Truss . . . . .            | 0 | 4  | 6  |
| Ditto covered, best . . . . .                               | 0 | 7  | 6  |
| Ditto extra light, and covered in morocco leather . . . . . | 0 | 10 | 6  |

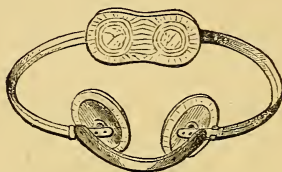


FIG. 279.

|                                                                                 |   |    |   |
|---------------------------------------------------------------------------------|---|----|---|
| Salmon's (expired patent) Double Truss, Fig. 279 . . . . .                      | 0 | 9  | 0 |
| Ditto ditto covered, best, Fig. 279 . . . . .                                   | 0 | 15 | 0 |
| Ditto ditto Double Truss, extra light, and covered in morocco leather . . . . . | 1 | 1  | 0 |

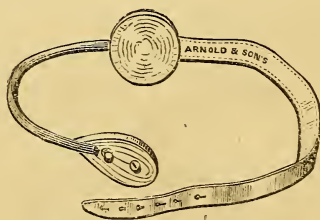


FIG. 280.

|                                                               |   |    |   |
|---------------------------------------------------------------|---|----|---|
| Cole's (expired patent) Single Truss, Fig. 280 . . . . .      | 0 | 7  | 0 |
| Ditto ditto covered, best, Fig. 280 . . . . .                 | 0 | 10 | 6 |
| Cole's (expired patent) Double Truss . . . . .                | 0 | 14 | 0 |
| Ditto ditto covered, best . . . . .                           | 1 | 1  | 0 |
| Arnold & Sons' improved, with sliding heads, single . . . . . | 0 | 12 | 6 |
| Ditto ditto ditto double . . . . .                            | 1 | 5  | 0 |

These Trusses are fitted with india-rubber pads and sliding heads, the spring being covered with russia leather.



FIG. 281.

|                                                 | £ | s. | d. |
|-------------------------------------------------|---|----|----|
| Umbilical Truss, Fig. 281 . . . . .             | 0 | 8  | 0  |
| Ditto covered, best, Fig. 281 . . . . .         | 0 | 15 | 0  |
| Ditto with spring pad, Fig. 281 . . . . .       | 1 | 1  | 0  |
| Prolapsus Ani Truss, with boxwood pad . . . . . | 1 | 1  | 0  |

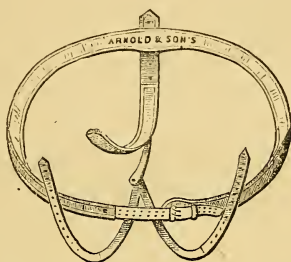


FIG. 282.

|                                                                                                     |   |    |   |
|-----------------------------------------------------------------------------------------------------|---|----|---|
| Prolapsus Ani Truss, Arnold and Sons' improved, with ivory pad and under spring, Fig. 282 . . . . . | 1 | 10 | 0 |
| Ditto ditto superior quality, Fig. 282 . . . . .                                                    | 2 | 0  | 0 |
| Prolapsus Bandage, with india-rubber pad . . . . .                                                  | 0 | 10 | 0 |
| Scrotal Truss (single) . . . . .                                                                    | 0 | 4  | 6 |
| Ditto covered, best . . . . .                                                                       | 0 | 7  | 6 |

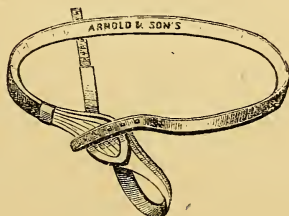


FIG. 283.

|                                                          |   |    |   |
|----------------------------------------------------------|---|----|---|
| Scrotal Truss, single, with tail pad, Fig. 283 . . . . . | 0 | 7  | 6 |
| Ditto ditto covered, best, Fig. 283 . . . . .            | 0 | 10 | 6 |

Directions for measurement.—Circumference of body round pelvis, which side, and whether Inguinal, Scrotal, or Femoral.

SUSPENDERS.

|                                                              | £ | s. | d. |
|--------------------------------------------------------------|---|----|----|
| Cotton Suspender, common . . . . .                           | 0 | 1  | 6  |
| Ditto best . . . . .                                         | 0 | 2  | 6  |
| Silk Suspender . . . . .                                     | 0 | 3  | 6  |
| Ditto Arnold and Sons' improved, with drawing tape . . . . . | 0 | 3  | 6  |
| Bourjeaurd's Silk Suspender . . . . .                        | 0 | 5  | 6  |
| Ditto Cotton . . . . .                                       | 0 | 4  | 6  |
| Cotton Suspender, with jean band and under-straps . . . . .  | 0 | 2  | 6  |
| Silk ditto ditto . . . . .                                   | 0 | 3  | 6  |
| Ryan's Silk Suspender . . . . .                              | 0 | 4  | 6  |
| Hydrocele Suspender, cotton . . . . .                        | 0 | 3  | 6  |
| Ditto silk . . . . .                                         | 0 | 4  | 6  |

ELASTIC STOCKINGS, KNEE CAPS, ANKLETS, &c.

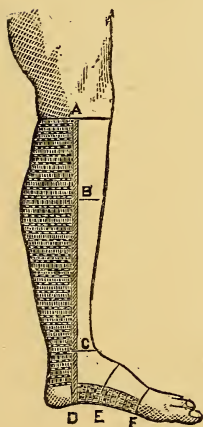


FIG. 284.

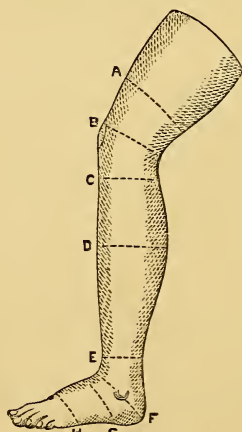


FIG. 285.

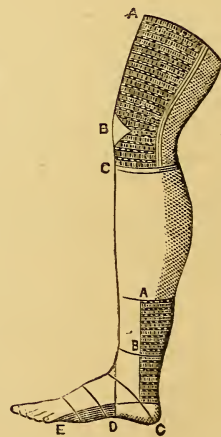


FIG. 286.

|                                    |          |   |    |   |
|------------------------------------|----------|---|----|---|
| Cotton Elastic Stockings . . . . . | per pair | 0 | 7  | 0 |
| Ditto superior . . . . .           | ditto    | 0 | 8  | 0 |
| Ditto to lace . . . . .            | ditto    | 0 | 14 | 0 |
| Silk Elastic Stockings . . . . .   | ditto    | 0 | 10 | 0 |
| Ditto superior . . . . .           | ditto    | 0 | 12 | 6 |
| Ditto extra superior . . . . .     | ditto    | 0 | 15 | 0 |
| Ditto to lace . . . . .            | ditto    | 1 | 1  | 0 |

|                                                            | £ | s. | d. |
|------------------------------------------------------------|---|----|----|
| Laced Stockings of stout elastic and strong Jean, per pair | 1 | 15 | 0  |
| Spiral Elastic Stockings, cotton . . . ditto               | 1 | 14 | 0  |
| Ditto silk . . . ditto                                     | 2 | 0  | 0  |
| Spiral Wire Spring Stockings, to lace, Fig. 284            | 2 | 2  | 0  |

Measurements required for Stockings.—Circumference at C, D, E, F, G, H, and length C to G, Fig. 285.

|                                                 |   |    |   |
|-------------------------------------------------|---|----|---|
| Cotton Elastic Knee-caps . . . . . per pair     | 0 | 6  | 0 |
| Ditto superior . . . ditto                      | 0 | 7  | 0 |
| Ditto to lace . . . ditto                       | 0 | 11 | 0 |
| Silk Elastic Knee-caps . . . . . ditto          | 0 | 8  | 0 |
| Ditto superior . . . ditto                      | 0 | 10 | 0 |
| Ditto to lace . . . ditto                       | 0 | 15 | 0 |
| Spiral Elastic Knee-caps, cotton . . . ditto    | 0 | 16 | 0 |
| Ditto silk . . . ditto                          | 0 | 19 | 0 |
| Spiral Wire Spring Knee-caps, to lace, Fig. 286 | 1 | 10 | 0 |

Measurements required for Knee-caps.—Circumference at A, B, C, Fig. 285.

|                                               |   |    |   |
|-----------------------------------------------|---|----|---|
| Cotton Elastic Anklets . . . . . per pair     | 0 | 6  | 0 |
| Ditto superior . . . ditto                    | 0 | 7  | 0 |
| Ditto to lace . . . ditto                     | 0 | 11 | 0 |
| Silk Elastic Anklets . . . . . ditto          | 0 | 7  | 0 |
| Ditto superior . . . ditto                    | 0 | 9  | 6 |
| Ditto to lace . . . ditto                     | 0 | 14 | 0 |
| Spiral Elastic Anklets, cotton . . . ditto    | 1 | 0  | 0 |
| Ditto silk . . . ditto                        | 1 | 4  | 0 |
| Spiral Spring Wire Anklets, to lace, Fig. 286 | 1 | 7  | 6 |

Measurements required for Anklets.—Circumference at E, F, and H, Fig. 285.

|                                                  |   |    |   |
|--------------------------------------------------|---|----|---|
| Cotton Elastic Leggings, . . . . . per pair      | 0 | 5  | 6 |
| Ditto superior . . . ditto                       | 0 | 6  | 6 |
| Ditto to lace . . . ditto                        | 0 | 11 | 0 |
| Silk Elastic Leggings . . . . . ditto            | 0 | 8  | 0 |
| Ditto superior . . . ditto                       | 0 | 11 | 0 |
| Ditto to lace . . . ditto                        | 0 | 16 | 0 |
| Spiral Elastic Leggings, cotton . . . ditto      | 1 | 8  | 0 |
| Ditto silk . . . ditto                           | 1 | 12 | 0 |
| Spiral Spring Wire Leggings, to lace . . . ditto | 1 | 17 | 6 |

Measurements required for Leggings.—Circumference at C, D, E, and length from C to E, Fig. 285.

|                                               |   |    |   |
|-----------------------------------------------|---|----|---|
| Cotton Elastic Thigh-piece . . . . . per pair | 0 | 6  | 6 |
| Ditto superior . . . ditto                    | 0 | 7  | 6 |
| Ditto to lace . . . ditto                     | 0 | 13 | 0 |
| Silk Elastic Thigh-piece . . . . . ditto      | 0 | 9  | 0 |
| Ditto superior . . . ditto                    | 0 | 15 | 0 |
| Ditto to lace . . . ditto                     | 1 | 1  | 0 |

Measurements required for Thigh-pieces.—Circumference round top of thigh, round middle of thigh, above knee, and length required.

ARTIFICIAL LEGS, ARMS, &c.

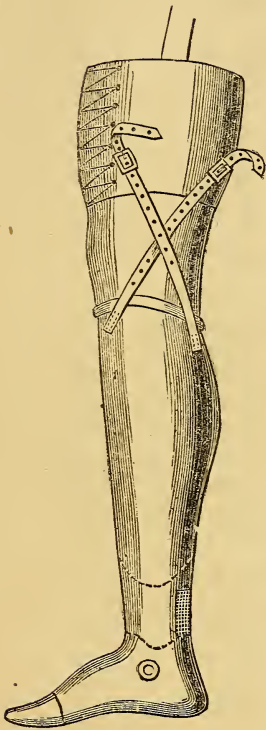


FIG. 287.

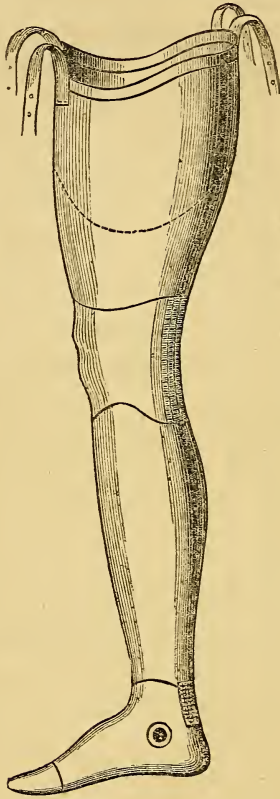


FIG. 288.

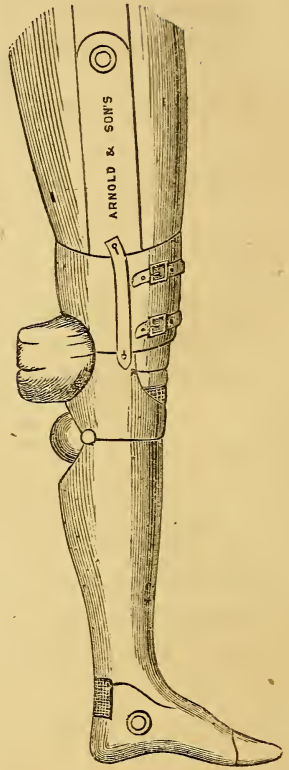


FIG. 289.

|                                                     |       |               | £  | s. | d. |
|-----------------------------------------------------|-------|---------------|----|----|----|
| Artificial Leg, for amputation below knee, Fig. 287 | .     | .             | 10 | 10 | 0  |
| Ditto                                               | ditto | covered, best | 15 | 0  | 0  |
| Ditto                                               | ditto | best quality. | 20 | 0  | 0  |

Measurements required for amputation below knee: length from crutch to centre of knee, centre of knee to ground, centre of knee to end of stump; circumference round top of thigh, round middle, round above knee, below knee, round middle of stump, round end of stump. State if right or left; a boot is required to be sent.

|                                                     |       |               |    |    |   |
|-----------------------------------------------------|-------|---------------|----|----|---|
| Artificial Leg, for amputation above knee, Fig. 288 | .     | .             | 12 | 12 | 0 |
| Ditto                                               | ditto | covered, best | 17 | 0  | 0 |
| Ditto                                               | ditto | best quality  | 20 | 0  | 0 |

|                                                                            | £  | s. | d. |
|----------------------------------------------------------------------------|----|----|----|
| Artificial Leg, for kneeling, Fig. 289 . . . . .                           | 10 | 10 | 0  |
| Ditto ditto covered best . . . . .                                         | 14 | 14 | 0  |
| Ditto ditto best quality . . . . .                                         | 18 | 0  | 0  |
| Artificial Foot, for Syme's, Chopart's, or Perigoff's operations . . . . . | 7  | 7  | 0  |
| Ditto ditto ditto superior . . . . .                                       | 10 | 10 | 0  |
| Ditto ditto ditto best quality . . . . .                                   | 15 | 0  | 0  |
| Kempner's Improved Artificial Leg, for amputation below knee . . . . .     | 7  | 7  | 0  |
| Ditto ditto ditto second quality . . . . .                                 | 10 | 10 | 0  |
| Ditto ditto ditto best quality . . . . .                                   | 15 | 15 | 0  |
| Kempner's Improved Artificial Leg, for amputation above knee . . . . .     | 10 | 10 | 0  |
| Ditto ditto ditto second quality . . . . .                                 | 12 | 12 | 0  |
| Ditto ditto ditto superior quality . . . . .                               | 17 | 17 | 0  |

Measurements required for amputation above knee: length from crutch to end of stump, circumference round end, middle, and top of stump (close to crutch); the length of sound limb from crutch to centre of knee, centre of knee to ground, height from top of knee, when bent, to the ground. State if right or left; the boot to be worn is required.

Extract from the *British Medical Journal*, January 14, 1871:—"Mr. Kempner has devised an ingenious form of Artificial Leg; it is made of leather, with hinges, and is extremely light. Mr. Kempner has himself lost his leg, and necessity has been with him the mother of invention. He has taken great pains to discover the exact position at which the hinges should be placed to secure easy motion, and how the problem of combining lightness with strength might be best solved. We have seen him walk, kneel, &c., and he does so with remarkable ease and quickness, and we strongly recommend a trial of it to all who need such help."

"29, Seymour St., W.

"Mr. Kempner has fitted an Artificial Leg to a patient whose leg I amputated at the knee joint, and the result has certainly been most satisfactory, as I saw the patient walk with ease, unsupported by stick or crutch, a week after he had first used the leg. The principle of Mr. Kempner's Artificial Leg is simple, and the instrument is strong and durable, without being heavy.

(Signed) "CAMPBELL DE MORGAN, F.R.S.  
 "1st December, 1870." "Surgeon to the Middlesex Hospital."

Messrs. Arnold and Sons have purchased the exclusive right to manufacture the Improved form of Artificial Leg invented by Mr. Kempner, and have made special arrangements with him to superintend the manufacture thereof.

|                                                                                       |    |    |   |
|---------------------------------------------------------------------------------------|----|----|---|
| Artificial Arm, with hook, ring, knife, or fork, for amputation below elbow . . . . . | £1 | 15 | 0 |
|---------------------------------------------------------------------------------------|----|----|---|



FIG. 290.

|                                                           | £ | s.    | d.                   |
|-----------------------------------------------------------|---|-------|----------------------|
| Artificial Arm, below elbow, with Hand attached, Fig. 290 | 8 | 10    | 0                    |
| Ditto                                                     |   | ditto | best quality 10 10 0 |

Measurements required for amputation below elbow : length from elbow to end of stump, circumference above, round, and below elbow, circumference round end of stump ; length of sound arm, elbow to wrist, and if right or left. When a hand is required a glove should be sent, and the outline of hand traced on paper.

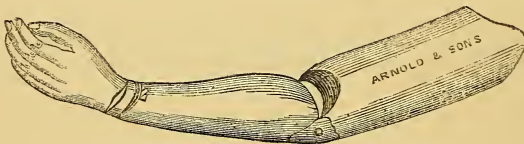


FIG. 291.

|                                                                          |    |       |                      |
|--------------------------------------------------------------------------|----|-------|----------------------|
| Artificial Arm, for amputation above elbow, with Hand attached, Fig. 291 | 12 | 12    | 0                    |
| Ditto                                                                    |    | ditto | best quality 15 15 0 |

Instruments for above extra.

|                                                                               |   |   |   |
|-------------------------------------------------------------------------------|---|---|---|
| Socket Arm, fitted with ring, hook, knife or fork, for amputation above elbow | 2 | 0 | 0 |
|-------------------------------------------------------------------------------|---|---|---|

Measurements required for amputation above elbow : length from axilla to end of stump, circumference round end, middle, and upper part of stump ; length of sound arm from axilla to elbow, from elbow to wrist ; if right or left. When a hand is required a glove should be sent, and the outline of hand traced on paper.

|                               |   |    |   |
|-------------------------------|---|----|---|
| Artificial Eyes, best quality | 1 | 10 | 0 |
|-------------------------------|---|----|---|

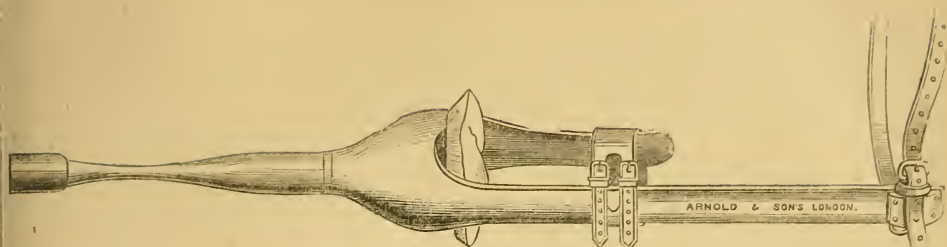


FIG. 229.

|                                                     |       | £              | s. | d.  |
|-----------------------------------------------------|-------|----------------|----|-----|
| Wooden Pin Leg, for amputation below knee, Fig. 292 |       | 0              | 18 | 0   |
| Ditto                                               | ditto | best quality   | 1  | 1 0 |
| Ditto                                               | ditto | with leg rest. | 1  | 7 6 |

Measurements required.—Length from crutch to ground. Diameter of knee when bent. Diameter at top of thigh. Length from under the knee (when bent) to the ground, and whether right or left.

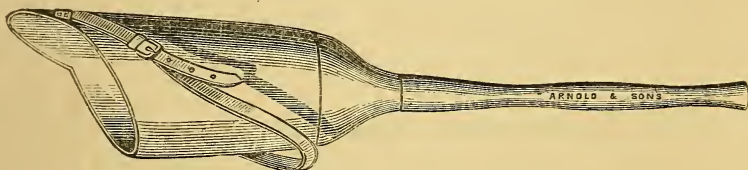


FIG. 293.

|                                                 |       |                       |    |      |
|-------------------------------------------------|-------|-----------------------|----|------|
| Socket Leg, for amputation above knee, Fig. 293 |       | 1                     | 10 | 0    |
| Ditto                                           | ditto | the socket of leather | 1  | 15 0 |

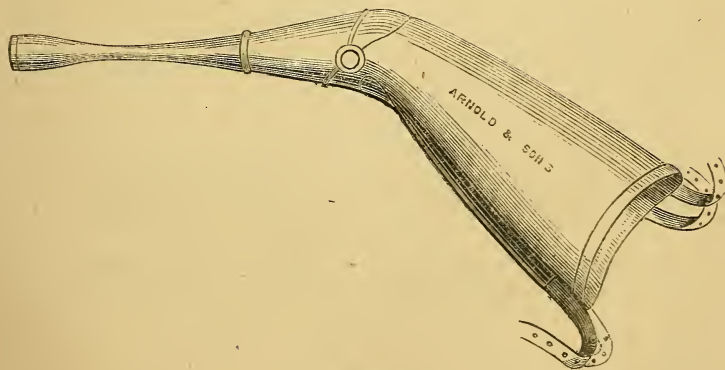


FIG. 294.

|                                                                               |  |   |   |   |
|-------------------------------------------------------------------------------|--|---|---|---|
| Socket Leg, for amputation above knee, with improved kneeling joint, Fig. 294 |  | 4 | 4 | 0 |
|-------------------------------------------------------------------------------|--|---|---|---|

Measurements required for amputation above knee.—Length from crutch to ground. Crutch to end of stump. Circumference round top of thigh, round middle of stump, round end of stump. Whether for right or left.

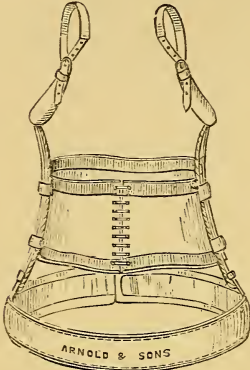


FIG. 295.

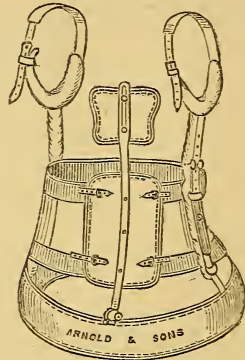


FIG. 296.

|                                                            | £       | s.   | d.  |
|------------------------------------------------------------|---------|------|-----|
| Spinal Support for outward or angular curvature, Fig. 295. |         |      |     |
|                                                            | £2 10s. | to 4 | 4 0 |
| Spinal Support for inward curvature, Fig. 296              | £3 10s. | to 5 | 5 0 |

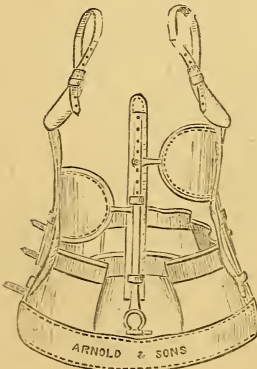


FIG. 297.

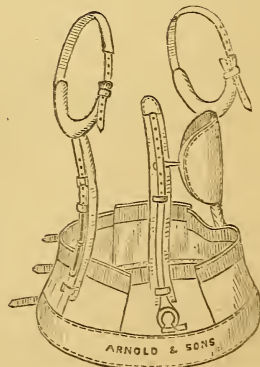


FIG. 298.

|                                                       |        |      |     |
|-------------------------------------------------------|--------|------|-----|
| Spinal Support for double lateral curvature, Fig. 297 | £4 4s. | to 6 | 6 0 |
| Spinal Support for lateral curvature, Fig. 298        | £3 10  | to 5 | 5 0 |

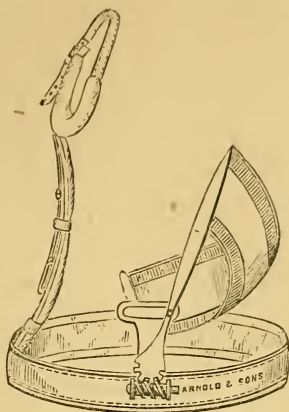


Fig. 299.

|                                                       | £         | s. | d.   |
|-------------------------------------------------------|-----------|----|------|
| Lonsdale's Spinal Apparatus. Fig. 299 . . . . .       | £3 3s. to | 4  | 4 0  |
| Scarpa's Shoes, single cog-joint . . . . .            |           | 1  | 10 0 |
| Ditto double ditto . . . . .                          |           | 2  | 0 0  |
| Ditto tin covered wash leather for children . . . . . |           | 0  | 5 0  |
| Little's Instrument for Club Foot . . . . .           |           | 1  | 10 0 |

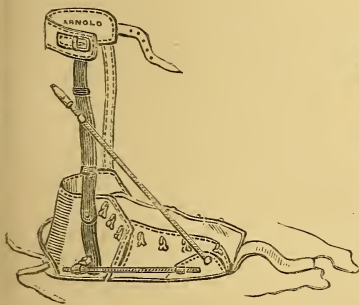


Fig. 300a.

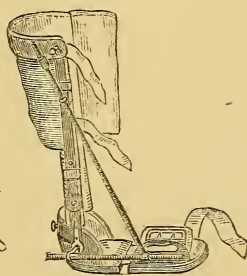


Fig. 300.



Fig. 300b.

|                                                      |          |   |     |
|------------------------------------------------------|----------|---|-----|
| Improved Instrument for Talipes, by Mr. Richard Davy |          |   |     |
| Figs. 300, 300a, 300b . . . . .                      | 35s. and | 2 | 5 0 |
| Adam's Instrument for Club Foot, Improved . . . . .  |          | 2 | 2 0 |

CRUTCHES, LEG IRONS, ARM SLINGS, &c.

|                                              |  |   |      |
|----------------------------------------------|--|---|------|
| Common Hospital Crutches, per pair . . . . . |  | 0 | 3 0  |
| Black Crutches, with padded heads . . . . .  |  | 0 | 10 0 |



FIG. 301.



FIG. 302.



FIG. 303.



FIG. 304.

|                                                        | £ | s. | d. |
|--------------------------------------------------------|---|----|----|
| French Crutches, with padded heads, Fig. 301 . . . . . | 1 | 1  | 0  |
| Best Crutches, with elliptic heads, Fig. 302 . . . . . | 1 | 15 | 0  |
| Spring Crutches, single spring, Fig. 303 . . . . .     | 1 | 15 | 0  |
| Ditto      double springs, Fig. 304 . . . . .          | 2 | 10 | 0  |

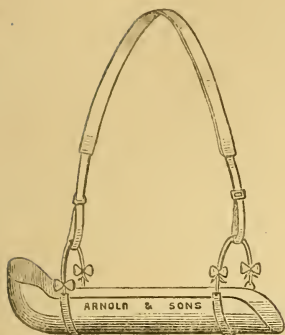


FIG. 305.

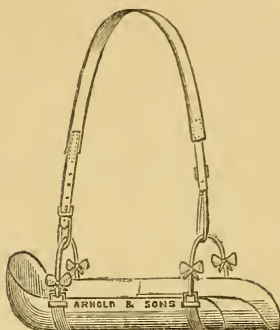


FIG. 306.

|                                                            | £ | s. | d. |
|------------------------------------------------------------|---|----|----|
| Black Leather Arm Sling, plain, Fig. 305 . . . . .         | 0 | 10 | 0  |
| Ditto ditto in patent leather . . . . .                    | 0 | 14 | 0  |
| Ditto ditto in patent leather, sliding, Fig. 306 . . . . . | 1 | 1  | 0  |
| Children's Arm Sling, plain, Fig. 305 . . . . .            | 0 | 8  | 0  |
| Ditto patent leather . . . . .                             | 0 | 10 | 6  |
| Ditto sliding, Fig. 306 . . . . .                          | 0 | 16 | 6  |

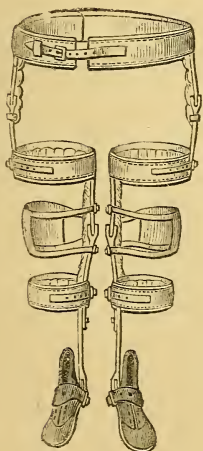


FIG. 307.

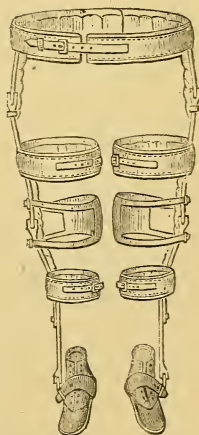


FIG. 308.

|                                                                     |   |   |   |
|---------------------------------------------------------------------|---|---|---|
| Leg Irons for inward curvature, plain, per pair, Fig. 307 . . . . . | 3 | 3 | 0 |
| Ditto ditto best . . . . .                                          | 4 | 4 | 0 |
| Leg Irons, for outward curvature, plain, Fig. 308 . . . . .         | 3 | 3 | 0 |
| Ditto ditto best . . . . .                                          | 4 | 4 | 0 |

## SPLINTS.

|                                                                                                       | £ | s. | d. |
|-------------------------------------------------------------------------------------------------------|---|----|----|
| Cline's Leg Splints with feet, three pairs each, right and left,<br>per set . . . . .                 | 0 | 18 | 0  |
| Ditto . . . . . ditto padded, complete                                                                | 1 | 10 | 0  |
| Cline's Leg Splints, per single pair . . . . .                                                        | 0 | 3  | 6  |
| Cline's Iron Leg Splints, with feet, three pairs each, right<br>and left, per set . . . . .           | 0 | 18 | 0  |
| Ditto . . . . . ditto padded, complete                                                                | 1 | 10 | 0  |
| Cline's Perforated Zinc Leg Splints, three sizes, per pair . . . . .                                  | 0 | 7  | 6  |
| Pott's Hollow Arm Splints, per set . . . . .                                                          | 0 | 7  | 6  |
| Arm Splints, three sizes to the set, per set . . . . .                                                | 0 | 7  | 6  |
| Ditto . . . . . ditto with pads, complete                                                             | 0 | 15 | 0  |
| Pemberton's Hand and Arm Splints, per pair . . . . .                                                  | 0 | 8  | 0  |
| Hawkin's Hollow Hand Splint . . . . .                                                                 | 0 | 3  | 0  |
| Angular Arm Splints, per pair . . . . .                                                               | 0 | 8  | 0  |
| Perforated Zinc Arm Splints, three pairs to the set . . . . .                                         | 1 | 1  | 0  |
| Liston's Arm Splint, with regulating screw, padded, complete                                          | 0 | 14 | 0  |
| Cline's Thigh Splints, per set . . . . .                                                              | 0 | 12 | 0  |
| Ditto . . . . . with pads, complete                                                                   | 1 | 2  | 6  |
| Liston's Thigh Splints, six different lengths, per set . . . . .                                      | 0 | 10 | 6  |
| Ditto . . . . . ditto with pads, complete                                                             | 0 | 16 | 6  |
| Bulley's Thigh Splint, complete . . . . .                                                             | 2 | 5  | 0  |
| Neville's Iron Splint . . . . .                                                                       | 0 | 10 | 6  |
| Busk's Thigh Splint . . . . .                                                                         | 1 | 5  | 0  |
| This Splint, having knee and hip joints, admits of the patient being placed in any required position. |   |    |    |
| Common lined Splints, eight pairs to the set . . . . .                                                | 0 | 3  | 6  |
| Children's . . . . . ditto ditto . . . . .                                                            | 0 | 3  | 0  |
| Liston's Iron Fracture Splints, small . . . . .                                                       | 1 | 1  | 0  |
| Ditto . . . . . medium . . . . .                                                                      | 1 | 4  | 0  |
| Ditto . . . . . large . . . . .                                                                       | 1 | 4  | 0  |
| Ditto . . . . . for children . . . . .                                                                | 0 | 18 | 0  |
| Ditto . . . . . with shifting thigh piece . . . . .                                                   | 1 | 12 | 6  |
| Set of pads for ditto . . . . .                                                                       | 0 | 5  | 0  |
| Liston's Iron Fracture Splint, with moveable thigh and leg<br>pieces, complete . . . . .              | 2 | 0  | 0  |
| Sir W. Ferguson's Leg and Thigh Splint . . . . .                                                      | 1 | 14 | 0  |
| Ditto . . . . . Excision Splint . . . . .                                                             | 1 | 5  | 0  |
| Army Splint . . . . .                                                                                 | 2 | 2  | 0  |
| McIntyre's Fracture Splint, complete . . . . .                                                        | 2 | 5  | 0  |
| American Wire Skeleton Splint . . . . .                                                               | 0 | 9  | 0  |
| Ditto . . . . . with pulleys, rope, &c., complete                                                     | 1 | 1  | 0  |
| Bloxam's Fracture Splint . . . . .                                                                    | 2 | 2  | 0  |
| Ratan Cane Splints, per set . . . . .                                                                 | 0 | 7  | 6  |
| Heath's Splint for excision of elbow joint . . . . .                                                  | 1 | 1  | 0  |
| Elbow Splints, per pair . . . . .                                                                     | 0 | 8  | 0  |
| Nelaton's Radius Splint . . . . .                                                                     | 0 | 2  | 0  |

|                                                                                                  | £ | s. | d. |
|--------------------------------------------------------------------------------------------------|---|----|----|
| Crimean padded Splints, per set of three pairs . . . . .                                         | 0 | 10 | 6  |
| Perforated Zinc Splints, with elbow joint, three sizes, per pair                                 | 0 | 8  | 0  |
| Dessault's Long Splints, per pair . . . . .                                                      | 0 | 12 | 6  |
| Liston's Iron Knee Splint, with extending screw . . . . .                                        | 0 | 14 | 0  |
| Ditto . . . . . ditto . . . . . improved                                                         | 1 | 1  | 0  |
| Ferguson's Splint, for excision of knee joint . . . . .                                          | 1 | 1  | 0  |
| Hilton's Interrupted Splint, for diseased hip . . . . .                                          | 0 | 12 | 0  |
| Sayre's American Splint, for diseased hip, three sizes, each<br>( <i>vide Lancet</i> ) . . . . . | 2 | 10 | 0  |

FRACTURE CRADLES.

|                                                                                                                                                                    |   |    |   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|----|---|
| Lawrence's Fracture Cradle, with three pairs wood side splints, three Nevelle's splints, and two strong leather supporting straps with buckles, complete . . . . . | 2 | 15 | 0 |
| Sir A. Cooper's Fracture Cradle . . . . .                                                                                                                          | 3 | 0  | 0 |
| Greenway's Improved Swing Cradle, allowing the patient to move with ease and comfort in any position, and adapted to fit any bedstead . . . . .                    | 4 | 0  | 0 |

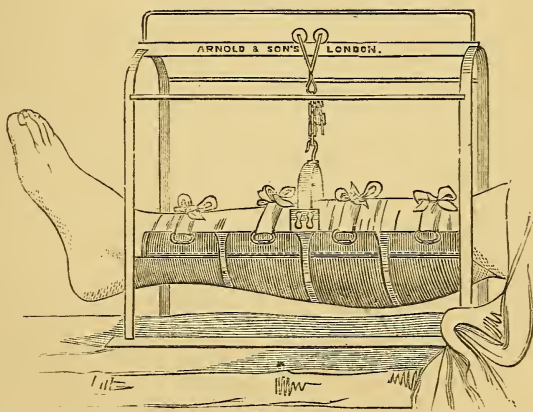


FIG. 309.

|                                                                              |   |    |   |
|------------------------------------------------------------------------------|---|----|---|
| Salter's Fracture Cradle, Fig. 309 . . . . .                                 | 1 | 10 | 0 |
| Ditto . . . . . ditto . . . . . portable, to fold . . . . .                  | 2 | 2  | 0 |
| Ditto Splint for ditto . . . . .                                             | 0 | 12 | 0 |
| Luke's Fracture Cradle, with arm, thigh, and leg splints, complete . . . . . | 3 | 3  | 0 |

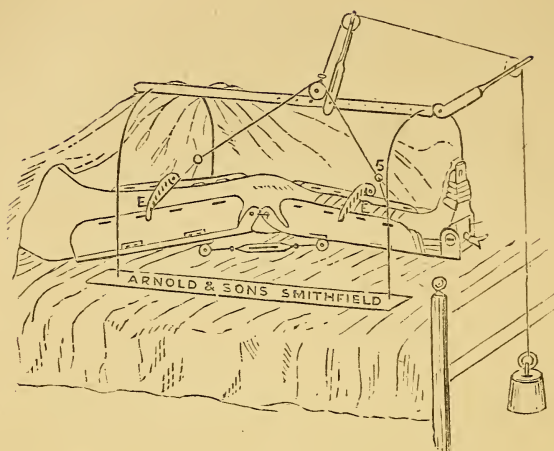


FIG. 310.

|                                                                                    | £ | s. | d. |
|------------------------------------------------------------------------------------|---|----|----|
| Bloxam's New Extension Splint and Fracture Cradle, complete, Fig. 310 . . . . .    | 4 | 0  | 0  |
| Blower's Portable Cradle, for leg or body . . . . .                                | 0 | 10 | 6  |
| Amesbury's Apparatus for Fracture of Lower Extremities . . . . .                   | 4 | 4  | 0  |
| Fracture Cradle for removing pressure of bedclothes . . . . .                      | 0 | 6  | 6  |
| Ditto large ditto ditto . . . . .                                                  | 0 | 8  | 6  |
| Sir W. Ferguson's Splint for Fractured Patella . . . . .                           | 1 | 4  | 0  |
| Patella Bandage of solid leather . . . . .                                         | 1 | 1  | 0  |
| Parnell's Apparatus, with cog and pinion movement, for Fractured Patella . . . . . | 1 | 10 | 0  |
| Ellis's Splint for Fractured Clavicle . . . . . 15s., 17s.                         | 1 | 1  | 0  |
| Bradser's Bandage ditto . . . . .                                                  | 0 | 10 | 6  |
| Set of Dislocation Pulleys, with hooks and cord . . . . .                          | 1 | 1  | 0  |
| Straps and Bandages for ditto, for thigh and arm . . . . .                         | 1 | 10 | 0  |
| Cocking's Patent Poroplastic Sheet for Splints.                                    |   |    |    |

"It is light, porous, flexible, plastic, and economical—is made in all required strengths and sizes. It consists of a felted substance in sheets, is plastic when softened by heat, and becomes rigid when cold, and can be re-softened any number of times without injury; it is rapidly and easily cut to any shape and manipulated, the most difficult splint requiring but a few minutes to complete—is very well adapted for separate metal attachments, and is thus a very valuable material for interrupted splints. There is no glue used in its application, and the gums with which it is stiffened are quite harmless."—*Vide Lancet*, September 16, 1871; *British Medical Journal*, September 23, 1871; *Medical Press and Circular*, September 27, 1871.

|                                                      |   | About             |                           |
|------------------------------------------------------|---|-------------------|---------------------------|
| Hospital quality, at 4s. per lb.                     | { | Size of Sheet—    | 4 ft. × 3 ft.             |
| Substances made—about 1-8 in.,<br>3-16 in., 5-16 in. |   | „ $\frac{1}{2}$ „ | 2 ft.—3 ft.               |
|                                                      |   | „ $\frac{1}{4}$ „ | 2 ft.—1 $\frac{1}{2}$ ft. |
| Medium quality, at 6s. 6d. per lb.                   | { | Size of Sheet—    | 4 ft.—3 ft.               |
| Substances made—about 1-8 in.,<br>3-16 in.           |   | „ $\frac{1}{2}$ „ | 2 ft.—3 ft.               |
|                                                      |   | „ $\frac{1}{4}$ „ | 2 ft.—1 $\frac{1}{2}$ ft. |
| Finest quality, at 10s. 6d. per lb.                  | { | Size of Sheet—    | 4 ft.—3 ft.               |
| Substances made—about 1-8 in.,<br>3-16 in.           |   | „ $\frac{1}{2}$ „ | 2 ft.—3 ft.               |
|                                                      |   | „ $\frac{1}{4}$ „ | 2 ft.—1 $\frac{1}{2}$ ft. |
|                                                      |   |                   | £ s. d.                   |
| Prepared Leather for Splints . . . . .               |   | per lb.           | 0 3 0                     |
| Ditto Gutta Percha ditto . . . . .                   |   | ditto             | 0 3 0                     |
| Millboard for Starch Bandage Splints . . . . .       |   | per sheet         | 0 4 0                     |

## BANDAGES OF CALICO, INDIA RUBBER, &c.

|                                                                                                                                                                         |                |                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|
| Unbleached Calico, Roller Bandages, 4 yards . . . . .                                                                                                                   | per doz.       | 0 5 0          |
| Ditto ditto 6 „ . . . . .                                                                                                                                               | „              | 0 6 6          |
| Ditto ditto 9 „ . . . . .                                                                                                                                               | „              | 0 8 6          |
| Ditto ditto 12 „ . . . . .                                                                                                                                              | „              | 0 12 0         |
| Ditto ditto extra width, 6 yards . . . . .                                                                                                                              | „              | 0 10 6         |
| Domett Bandages, 6 yards long . . . . .                                                                                                                                 | „              | 0 10 0         |
| Sir B. Brodie's fine elastic cotton net Bandage, per yard 4d., and<br>Calico Roller Bandage, open weave, 2 $\frac{1}{2}$ inches wide, 6 yards<br>long, per doz. . . . . |                | 0 0 6<br>0 6 6 |
| Ditto ditto 6 yards long 3 inches wide per doz. . . . .                                                                                                                 |                | 0 7 0          |
| India Rubber Cotton Bandage 2 inches wide . . . . .                                                                                                                     | per yard.      | 0 1 3          |
| Ditto ditto 2 $\frac{1}{2}$ „ . . . . .                                                                                                                                 | „              | 0 1 8          |
| Linen Bandages . . . . .                                                                                                                                                | per doz.       | 1 0 0          |
| Flannel Roller Bandages . . . . .                                                                                                                                       | „              | 1 5 0          |
| Ditto thin . . . . .                                                                                                                                                    | „              | 0 8 0          |
| Lithotomy Bandages calico . . . . .                                                                                                                                     | „              | 0 6 6          |
| Ditto Flannel . . . . .                                                                                                                                                 | „              | 1 0 0          |
| T Bandages . . . . .                                                                                                                                                    | „              | 0 15 0         |
| Eighteen tailed Bandages . . . . .                                                                                                                                      | „              | 0 18 0         |
| Elastic Cotton net Bandages 2 inches wide . . . . .                                                                                                                     | per doz. yards | 0 3 0          |
| Ditto ditto 2 $\frac{1}{2}$ „ . . . . .                                                                                                                                 | „              | 0 3 6          |
| Ditto ditto 3 „ . . . . .                                                                                                                                               | „              | 0 4 0          |
| Ditto ditto 3 $\frac{1}{2}$ „ . . . . .                                                                                                                                 | „              | 0 4 6          |
| Ditto ditto 4 „ . . . . .                                                                                                                                               | „              | 0 5 0          |

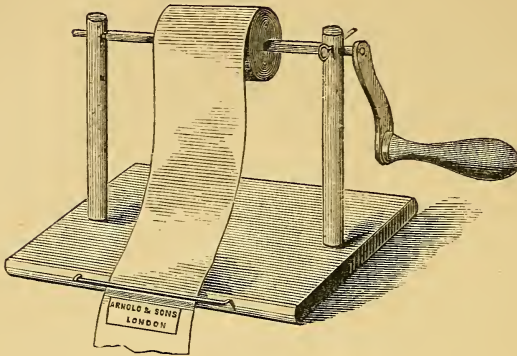


FIG. 311.

|                                                       | £ | s. | d. |
|-------------------------------------------------------|---|----|----|
| Arnold and Sons' Improved Bandage Winder, Fig. 311    | 0 | 5  | 0  |
| Ditto ditto on mahogany stand . . . . .               | 0 | 10 | 6  |
| Water dressing Bandages . . . . . per doz.            | 0 | 7  | 6  |
| Mulloney's Patent Bandages 2½ inches wide (6 yards) „ | 0 | 7  | 6  |
| Ditto ditto 3 „ „ „                                   | 0 | 9  | 0  |

URINALS, INDIA RUBBER FOR INVALIDS,  
TRAVELLERS, &c.,

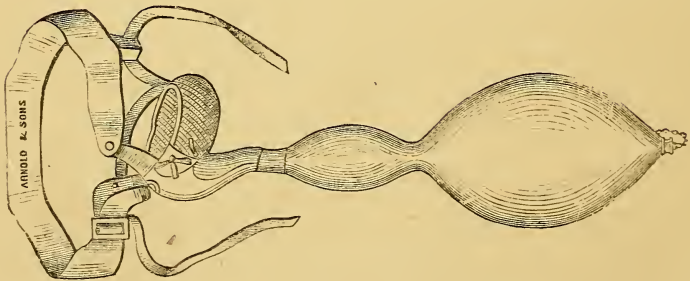


FIG 312.

|                                                       |   |    |   |
|-------------------------------------------------------|---|----|---|
| Male Urinal for day use, plain India rubber . . . . . | 0 | 10 | 0 |
| Ditto best quality, Fig. 312 . . . . .                | 0 | 14 | 0 |
| Ditto for night use, plain India rubber . . . . .     | 0 | 11 | 6 |
| Ditto ditto best quality . . . . .                    | 0 | 15 | 0 |
| Earthenware Urinal . . . . .                          | 0 | 3  | 0 |

|                                                         | £ | s. | d. |
|---------------------------------------------------------|---|----|----|
| Pewter Urinal . . . . .                                 | 0 | 4  | 0  |
| Female Urinal for day use, plain India rubber . . . . . | 0 | 10 | 6  |
| Ditto ditto best quality . . . . .                      | 0 | 15 | 0  |
| Ditto for night use, plain India rubber . . . . .       | 0 | 10 | 6  |
| Ditto ditto best quality . . . . .                      | 0 | 15 | 0  |
| Earthenware Urinal . . . . .                            | 0 | 3  | 0  |
| Glass Urinal . . . . .                                  | 0 | 2  | 0  |
| Pewter Urinal . . . . .                                 | 0 | 5  | 0  |

The best quality of Urinals are all made of specially prepared Etherized India Rubber, which resists the action of urine a much longer period; they are likewise fitted with Arnold and Sons' Improved Valves, which render it impossible for the urine to return in whatever position the patient may be in.

HYPODERMIC SYRINGES.

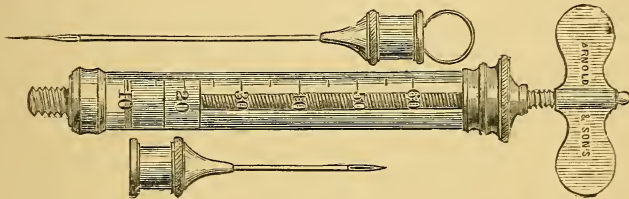


FIG. 313.

|                                                                                                                                            |   |    |   |
|--------------------------------------------------------------------------------------------------------------------------------------------|---|----|---|
| Pravaz's Hypodermic syringe mounted in silver, with screw piston rod, two fine gold pipes, &c, in morocco leather case, Fig. 313 . . . . . | 1 | 15 | 0 |
| Ditto ditto plated mountings . . . . .                                                                                                     | 1 | 0  | 0 |
| Wood's Hypodermic Syringe, with one steel and one gold pipe in morocco case. . . . .                                                       | 0 | 15 | 0 |

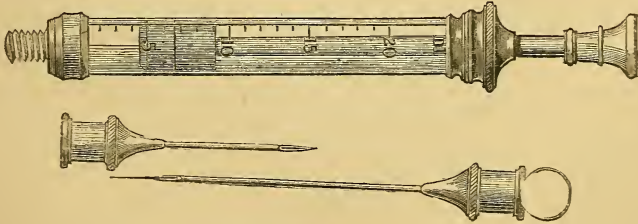


FIG. 314.

|                                                                                    |   |    |   |
|------------------------------------------------------------------------------------|---|----|---|
| Hypodermic Syringe with plain piston and plated mounts in case, Fig. 314 . . . . . | 0 | 12 | 6 |
|------------------------------------------------------------------------------------|---|----|---|



FIG. 315.

|                                                                                       | £ | s. | d. |
|---------------------------------------------------------------------------------------|---|----|----|
| Buzzard's Hypodermic Syringe, Fig. 315 . . . . .                                      | 0 | 12 | 6  |
| Ditto ditto, in case . . . . .                                                        | 0 | 15 | 0  |
| Ditto ditto, with cut glass stopped bottle<br>in morocco case . . . . .               | 0 | 16 | 6  |
| Improved Hypodermic Syringe with both screw and plain<br>action in case . . . . .     | 0 | 17 | 6  |
| Hypodermic Syringe with gold point . . . . .                                          | 0 | 10 | 6  |
| Ditto in case . . . . .                                                               | 0 | 13 | 6  |
| Ditto with cut glass stopped bottle, in<br>morocco case . . . . .                     | 0 | 15 | 0  |
| German Hypodermic Syringe, two pipes, mounted in vul-<br>canite, in case . . . . .    | 0 | 10 | 6  |
| Improved Hypodermic Syringe with conical plunger. Two<br>gold pipes in case . . . . . | 0 | 17 | 6  |

The plunger has attached a conical point secured by a screw to the piston rod; upon screwing the rod the conical point is drawn upwards and presses against the plunger.

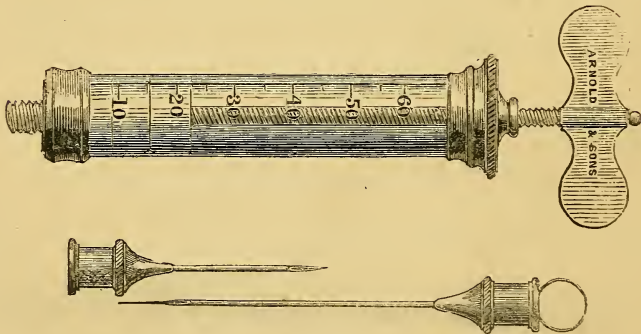


FIG. 316.

|                                                                                                              |   |    |   |
|--------------------------------------------------------------------------------------------------------------|---|----|---|
| Dr. Broadbent's Tumour Syringe, with screw piston and<br>two long pipes, in morocco case, Fig. 316 . . . . . | 1 | 5  | 0 |
| Ditto ditto plain piston . . . . .                                                                           | 0 | 15 | 0 |

Solution of the Acetate of Morphia for Hypodermic Injections.

Acetate of Morphia, Ten grains, dissolved in Fifty minims of distilled water, so that it shall accurately measure Sixty minims of solution, add water if necessary.

SPECULUMS.

|                                                               | £ | s. | d. |
|---------------------------------------------------------------|---|----|----|
| Sir James Simpson's Trivalve Speculum vaginae, stoutly plated | 1 | 14 | 0  |
| Dr. Meadow's Speculum ditto                                   | 1 | 15 | 0  |

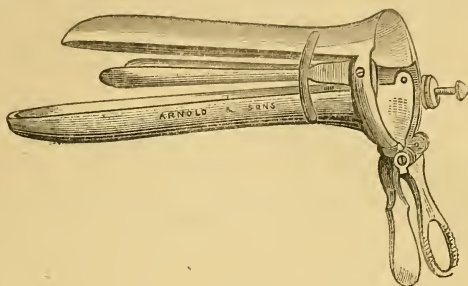


FIG. 317.

|                                                                            |   |   |   |
|----------------------------------------------------------------------------|---|---|---|
| Dr. Meadow's improved Speculum, with side blades, stoutly plated, Fig. 317 | 2 | 0 | 0 |
| Cusco's Speculum, improved, electro plated                                 | 1 | 7 | 6 |

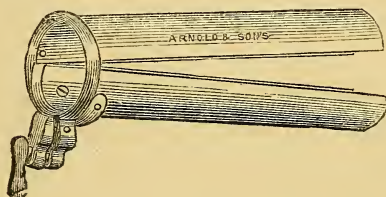


FIG. 318.

|                                               |   |   |   |
|-----------------------------------------------|---|---|---|
| Screw-lever Speculum, German Silver, Fig. 318 | 1 | 2 | 6 |
| Ditto stoutly plated                          | 1 | 9 | 6 |

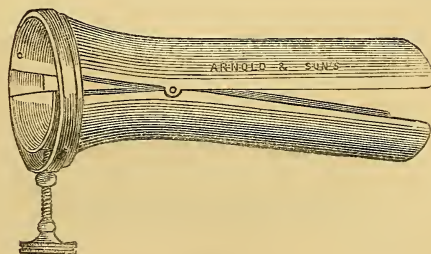


FIG. 319.

|                                                     |   |    |   |
|-----------------------------------------------------|---|----|---|
| Arnold's Improved Speculum, German Silver, Fig. 319 | 1 | 2  | 6 |
| Ditto, stoutly plated                               | 1 | 10 | 0 |

Dr. H. Bennett's Bivalve Speculum, German Silver, Fig. 320 £ s. d.  
1 2 6

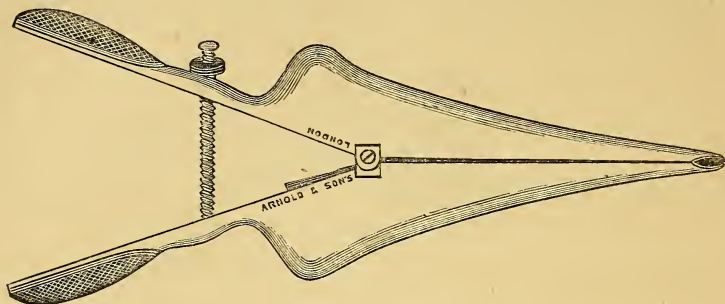


FIG. 320.

|                                                           |   |    |   |
|-----------------------------------------------------------|---|----|---|
| Dr. H. Bennett's bivalve Speculum Fig. 320 stoutly plated | 1 | 9  | 6 |
| Scanzoni's four-bladed Speculum . . . . .                 | 2 | 0  | 0 |
| Hilliard's ditto . . . . .                                | 2 | 0  | 0 |
| Ricord's Speculum . . . . .                               | 0 | 15 | 0 |
| Bozman's Duck-bill Speculum . . . . .                     | 1 | 2  | 6 |
| Dr. Hewitt's Speculum, stoutly plated . . . . .           | 1 | 5  | 0 |
| Duck-bill Speculum with improved clamp . . . . .          | 2 | 5  | 0 |

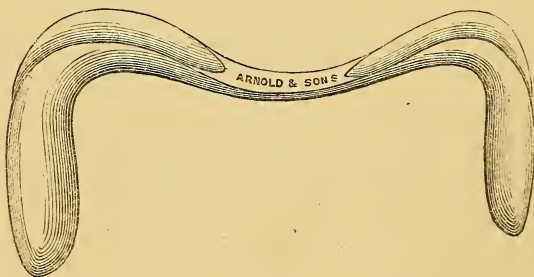


FIG. 321.

Sim's Duck-bill Speculum, stoutly plated Fig. 321 . . . . . 0 16 0

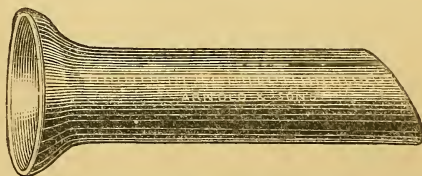


FIG. 322.

|                                               |      |   |   |   |
|-----------------------------------------------|------|---|---|---|
| Sir Wm. Ferguson's Plated Speculum, Fig. 322, | each | 0 | 9 | 6 |
| Ditto ditto the set of three . . . . .        |      | 1 | 7 | 6 |

£ s. d.

|                                                                                                                                                                                                     |      |   |    |   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---|----|---|
| Sir William Ferguson's plated Speculums (three sizes), glass,<br>silvered, and coated with elastic gum . . . . .                                                                                    | each | 0 | 4  | 6 |
| Dr. Routh's Speculum Holder. To this Instrument a plate is<br>attached, which passes under the sacrum, and by means of joints and<br>screws the Speculum is held in any required position . . . . . |      | 2 | 18 | 0 |
| Curling's Speculum Ani . . . . .                                                                                                                                                                    |      | 0 | 15 | 0 |

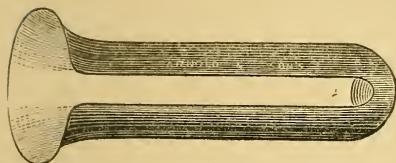


FIG. 323.

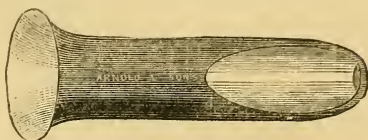


FIG. 324.

|                                                           |   |    |   |
|-----------------------------------------------------------|---|----|---|
| Sir Wm. Ferguson's Speculum Ani, Figs. 323, 324 . . . . . | 0 | 4  | 6 |
| Hilton's ditto, plated . . . . .                          | 0 | 15 | 0 |

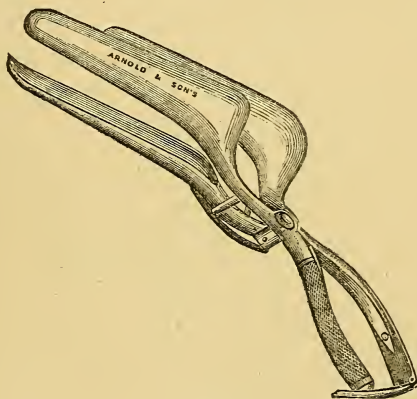


FIG. 325.

|                                                      |          |    |      |
|------------------------------------------------------|----------|----|------|
| Lane's three-bladed Speculum Ani, Fig. 325 . . . . . | 2        | 15 | 0    |
| Weiss's ditto . . . . .                              | 2        | 10 | 0    |
| Bivalve ditto . . . . .                              | 15s. and | 1  | 10 0 |



FIG. 326.



FIG. 327.

|                                                                     |   |    |   |
|---------------------------------------------------------------------|---|----|---|
| Toynbee's Ear Speculum, the set of three plated, Fig. 326 . . . . . | 0 | 10 | 6 |
| Ditto, stout silver ditto . . . . .                                 | 0 | 19 | 6 |
| Yearsley's Ear Speculum, ditto, plated, Fig. 327 . . . . .          | 0 | 10 | 6 |

|                                                 | £ | s. | d. |
|-------------------------------------------------|---|----|----|
| Yearsley's Ear Speculum, stout silver . . . . . | 0 | 19 | 6  |

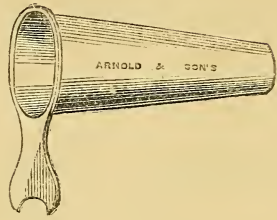


FIG. 327A.

|                                                                                                               |   |    |   |
|---------------------------------------------------------------------------------------------------------------|---|----|---|
| Wilde's Ear Speculum, plated, Fig. 327A . . . . .                                                             | 0 | 8  | 6 |
| Ditto ditto stout silver . . . . .                                                                            | 0 | 16 | 0 |
| Brunton's Auriscope, with three Speculums, complete in case                                                   | 1 | 7  | 6 |
| Hinton's Compound Auriscope, with lamp complete, for examining the ear, urethra, rectum, &c. . . . .          | 3 | 5  | 0 |
| Weber's Auriscope, with reflecting mirror, bi-convex lens, and three ear speculums, in leather case . . . . . | 1 | 10 | 6 |
| Screw lever Ear Speculum . . . . .                                                                            | 0 | 9  | 0 |
| Arnold and Sons' Spring Ear Speculum . . . . .                                                                | 0 | 10 | 6 |
| Kramer's Ear Speculum . . . . .                                                                               | 0 | 7  | 6 |
| Pilcher's ditto . . . . .                                                                                     | 0 | 8  | 6 |

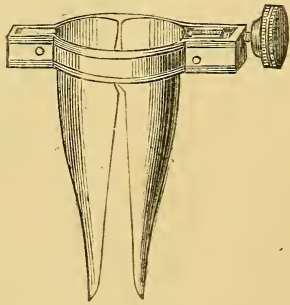


FIG. 328.

|                                                                        |   |    |   |
|------------------------------------------------------------------------|---|----|---|
| Arnold and Sons' Improved Screw lever Ear Speculum, Fig. 328 . . . . . | 0 | 9  | 0 |
| Turner's Ear Speculum, the set of three, plated . . . . .              | 0 | 10 | 6 |
| Ditto, silver . . . . .                                                | 0 | 19 | 6 |
| Ivory Ear Speculum, three sizes, in case . . . . .                     | 0 | 10 | 6 |
| Nasal Speculums . . . . .                                              | 0 | 7  | 6 |

HOT AIR, MERCURIAL AND VAPOUR BATHS.

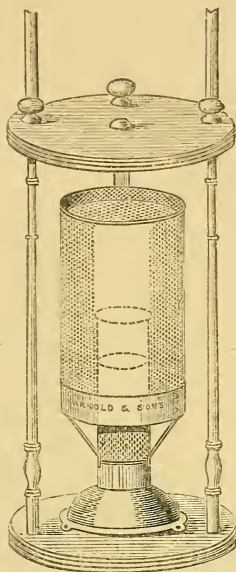


FIG. 329.

|                                            | £ | s. | d. |
|--------------------------------------------|---|----|----|
| Hot Air Bath, improved, Fig. 329 . . . . . | 0 | 16 | 0  |

This is a very simple and effective apparatus, consisting of a double wire gauze cylinder in a wooden frame; the inner cylinder protects the flame, the outer is made with a concave top for camphor or any medicament that may be required; it is heated by means of a spirit lamp underneath.

|                                                                             |   |    |   |
|-----------------------------------------------------------------------------|---|----|---|
| Ditto with tin body, and the wire gauze made of copper . . . . .            | 0 | 18 | 6 |
| Ditto, copper body, and the wire gauze stoutly electro-<br>plated . . . . . | 1 | 3  | 6 |
| Oriental Vapour Bath . . . . .                                              | 1 | 10 | 0 |
| Faulding's Vapour Bath, registered . . . . .                                | 1 | 8  | 0 |
| Lee's Mercurial Vapour Bath . . . . .                                       | 0 | 10 | 0 |
| Cloak and Collar for ditto . . . . .                                        | 1 | 1  | 0 |
| Cloak . . . . .                                                             | 0 | 16 | 0 |
| Collar . . . . .                                                            | 0 | 5  | 0 |
| Waterproof Cloak . . . . .                                                  | 1 | 10 | 0 |
| Brodie's Copper Apparatus for Fumigating Powders . . . . .                  | 2 | 4  | 0 |
| Arnold and Sons' Improved Hot Air Bath . . . . .                            | 1 | 10 | 0 |

## INHALERS.

|                                 | £ | s. | d. |
|---------------------------------|---|----|----|
| Mudge's Metal Inhaler . . . . . | 0 | 9  | 6  |
| Ditto improved . . . . .        | 0 | 12 | 6  |

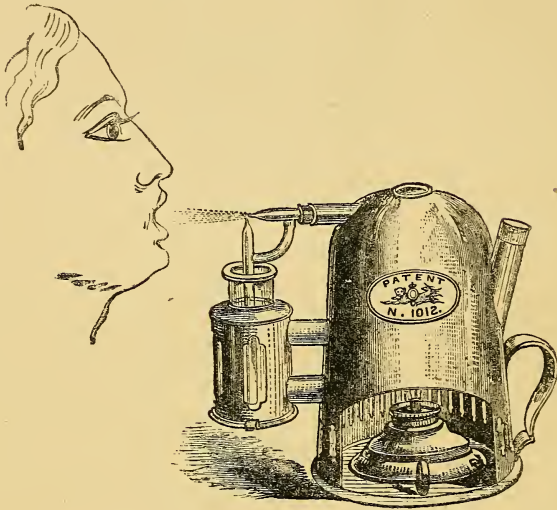


FIG. 330.

|                                                                                                                                                                   |   |    |   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|----|---|
| Siegel's Patent Tin Steam Spray Producer, Fig. 330 . . . . .                                                                                                      | 0 | 7  | 6 |
| Ditto Brass ditto . . . . .                                                                                                                                       | 0 | 11 | 6 |
| Ditto, with safety valve, water gauge and barometer . . . . .                                                                                                     | 2 | 7  | 6 |
| Dr. Siegel's Apparatus is applicable for producing fine medicated spray for inhalation, or hot or cold eye douches, and for Condy's or other disinfecting fluids. |   |    |   |
| Dr. Siegel's Screen and Brass Stand for ditto . . . . .                                                                                                           | 1 | 0  | 0 |
| Watson's Japanned Tin Inhaler . . . . .                                                                                                                           | 0 | 7  | 6 |
| Bullock and Reynolds' Eclectic Inhaler, with Thermometer . . . . .                                                                                                | 0 | 8  | 6 |
| Ditto, with stand and spirit lamp, complete . . . . .                                                                                                             | 0 | 10 | 6 |
| Nelson's Earthenware Inhaler . . . . .                                                                                                                            | 0 | 4  | 0 |
| Ramadge's Japanned Tin, with long elastic tube . . . . .                                                                                                          | 0 | 15 | 0 |
| Ramadge's Inhaling Tube, ebony . . . . .                                                                                                                          | 0 | 2  | 6 |
| Ditto ditto ivory . . . . .                                                                                                                                       | 0 | 4  | 0 |
| Ditto, straight ditto . . . . .                                                                                                                                   | 0 | 1  | 0 |
| Bird's Inhaling Tubes . . . . .                                                                                                                                   | 0 | 3  | 0 |
| Ditto in cases . . . . .                                                                                                                                          | 0 | 4  | 6 |
| Swan's Earthenware Inhaler . . . . .                                                                                                                              | 0 | 3  | 0 |
| Clark's Block Tin Inhaler, with large breathing tube, leather hand-piece, to enable the patient to hold the apparatus when filled . . . . .                       | 0 | 10 | 6 |



FIG. 331.

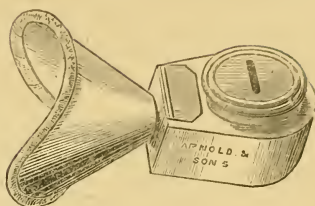


FIG. 332.

|                                                                                                                                                                                                                                            | £  | s. | d. |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|----|
| Snow's Chloroform Inhaler, electro-plated, Fig. 331 . . . . .                                                                                                                                                                              | 0  | 12 | 6  |
| Ditto, with three face-pieces, in morocco case . . . . .                                                                                                                                                                                   | 2  | 2  | 0  |
| Murphy's Chloroform Inhaler, with india-rubber valves, plated, Fig. 332 . . . . .                                                                                                                                                          | 0  | 12 | 6  |
| Ditto, with metal valves, plated . . . . .                                                                                                                                                                                                 | 0  | 15 | 0  |
| Ditto, with Sibson's face-piece . . . . .                                                                                                                                                                                                  | 0  | 18 | 0  |
| Clover's Chloroform Apparatus, with all recent improvements, in mahogany case, consisting of bellows, plated evaporator, Indianette bag, tube, two-way stopcock, two face-pieces, large and small syringe, and Chloroform bottle . . . . . | 10 | 10 | 0  |
| Ditto, ditto, all the metal parts strongly gilt . . . . .                                                                                                                                                                                  | 12 | 15 | 0  |
| Sibson's Chloroform Inhaler, plated . . . . .                                                                                                                                                                                              | 0  | 12 | 6  |
| Townley's ditto . . . . .                                                                                                                                                                                                                  | 1  | 5  | 6  |
| Murray's ditto Inhaler . . . . .                                                                                                                                                                                                           | 0  | 5  | 6  |
| Skinner's Chloroform Inhaler . . . . .                                                                                                                                                                                                     | 0  | 5  | 6  |
| Ditto, with drop bottle and two covers, in silk bag, complete . . . . .                                                                                                                                                                    | 0  | 12 | 6  |
| Clendon's Chloroform Inhaler . . . . .                                                                                                                                                                                                     | 0  | 10 | 6  |
| Coleman's ditto . . . . .                                                                                                                                                                                                                  | 4  | 4  | 0  |

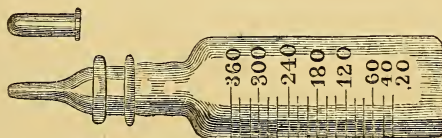


FIG. 333.

|                                                                                                                                       |   |   |   |
|---------------------------------------------------------------------------------------------------------------------------------------|---|---|---|
| Bloxam's Improved Graduated Chloroform Drop Bottle, in leather case, size $4\frac{3}{4}$ in. + $1\frac{1}{4}$ in., Fig. 333 . . . . . | 0 | 3 | 6 |
| Ditto, in boxwood case . . . . .                                                                                                      | 0 | 4 | 6 |

*Vide British Medical Journal*, March 11th, 1871, the *Lancet*, March 18th, 1871, *Medical Times and Gazette*, February 4th and 25th, 1871, *Medical Press and Circular*, March 22nd, 1871.

The Graduated Chloroform Bottle is exceedingly portable and simple. No assistant is required in the administration. The chloroform being spread over a large surface of lint, the amount of atmospheric air is very great. It is much safer, as you do not rely upon complicated valves. The amount of chloroform administered can at once be ascertained by the graduated scale.

## SPRAY PRODUCERS.

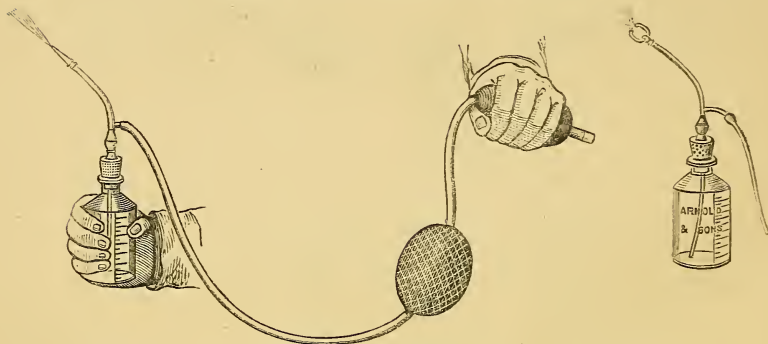


FIG. 334.

|                                                                                                                                           | £ | s. | d. |
|-------------------------------------------------------------------------------------------------------------------------------------------|---|----|----|
| Richardson's Ether Spray Apparatus, with Hand Ball, graduated stoppered Bottle, complete in mahogany case, single jet, Fig. 334 . . . . . | 0 | 15 | 6  |
| Ditto ditto with double jet (for the teeth) . . . . .                                                                                     | 0 | 17 | 6  |
| Ditto ditto with three jets, straight, curved, and double . . . . .                                                                       | 0 | 19 | 6  |
| Ditto with large fish-tail jet . . . . .                                                                                                  | 0 | 17 | 6  |
| Siegel's Spray Producer . . . . .                                                                                                         | 0 | 19 | 6  |
| Arnold and Sons' Improved Spray Producer, with regulating tap, in case, complete . . . . .                                                | 1 | 5  | 0  |
| Clark's Spray Producer, with glass mount in box . . . . .                                                                                 | 0 | 6  | 6  |
| Ditto with silver mount . . . . .                                                                                                         | 0 | 10 | 6  |
| Maunder's ditto with glass mounts . . . . .                                                                                               | 0 | 7  | 6  |
| Ebonite Pulverizer and tongue depressor combined, in case . . . . .                                                                       | 1 | 0  | 0  |
| Ebonite Pulverizer, with hand bellows for applying spray to the throat, in box, complete . . . . .                                        | 0 | 15 | 0  |
| Ebonite Tube only . . . . .                                                                                                               | 0 | 6  | 0  |
| Plated ditto . . . . .                                                                                                                    | 0 | 4  | 0  |
| Silver ditto . . . . .                                                                                                                    | 0 | 18 | 0  |
| Ebonite tube with gold ends . . . . .                                                                                                     | 0 | 10 | 6  |
| Glass tube only for Clark's apparatus . . . . .                                                                                           | 0 | 1  | 0  |
| Silver ditto ditto . . . . .                                                                                                              | 0 | 5  | 0  |
| Glass tubes only for Maunder's apparatus . . . . .                                                                                        | 0 | 1  | 6  |
| Robbins and Co.'s Anæsthetic Æther, in stoppered bottles, per pint . . . . .                                                              | 0 | 7  | 0  |

NITROUS OXIDE GAS APPARATUS.

Nitrous Oxide Gas is strongly recommended for its *safety*, rapidity of action, and the absence of any disagreeable after effects.

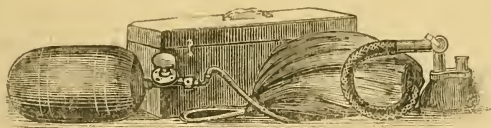


FIG. 335.

|                                                                                                                                                                                                   |                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| Barth's Portable Apparatus, consisting of a copper vessel containing 20 gallons of compressed gas, Catlin's bag and union, Clover's face-piece, and two-way stop-cock, in mahogany case, Fig. 335 | £ s. d.<br>4 10 0 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|

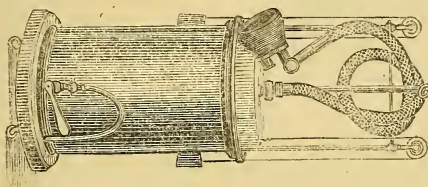


FIG. 336.

|                                                                                                                            |         |
|----------------------------------------------------------------------------------------------------------------------------|---------|
| No. 1 apparatus, consisting of Barth's Patent Economizer, as used at St. Bartholomew's, the Dental Hospital, &c., Fig. 336 | 5 5 0   |
| Forty-five gallon bottle of pure compressed gas for ditto                                                                  | 2 2 0   |
| Clover's face-piece and two-way stopcock for ditto                                                                         | 1 11 6  |
|                                                                                                                            | £8 18 6 |

This is the most perfect apparatus; it is especially recommended to dentists of large practice, as it effects a great saving in the amount of gas used.

|                                                                                       |        |
|---------------------------------------------------------------------------------------|--------|
| No. 2 apparatus, complete. Large-sized Catlin's bag and union for bottle              | 0 18 6 |
| Clover's face-piece and twoway-stop cock                                              | 1 11 6 |
| Strong copper Cylinder, 10 in. by 6 in., containing 20 gallons of pure compressed gas | 1 10 0 |
| Mahogany case                                                                         | 0 10 0 |
|                                                                                       | 4 10 0 |
| Deal case for extra Bottle                                                            | 0 1 6  |

This apparatus is complete in itself, and special attention is desired to the perfect safety as well as portability of the copper vessel containing the gas.

£ s. d.

|                                                                                                                                                                            |   |    |   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|----|---|
| Clover's apparatus, consisting of one face piece, supplemental bag, and stopcock, two-way stopcock, Catlin's bag and union, and 100-gallon vessel of gas, complete in case | 7 | 0  | 0 |
| Ditto ditto with two face-pieces                                                                                                                                           | 8 | 4  | 0 |
| Ditto ditto three "                                                                                                                                                        | 9 | 7  | 6 |
| Arnold and Sons' Portable Nitrous Oxide Bag, containing 25-gallon bottle liquid gas, Mr. Bloxam's bag and union, with two-way stopcock face-piece, &c., complete           | 4 | 10 | 0 |

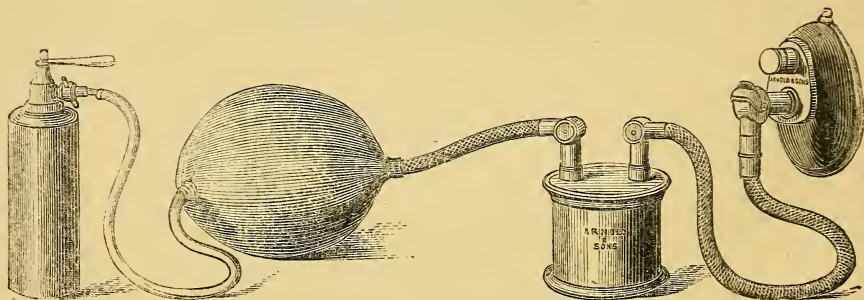


FIG. 337.

Arnold and Sons' Nitrous Oxide Bag Registered, containing 25-gallon bottle of liquid gas, with Mr. Coleman's Improved Economizer, Mr. Bloxam's bag and union, two-way stopcock, and Brain's face-piece, complete, Fig. 337 6 6 0

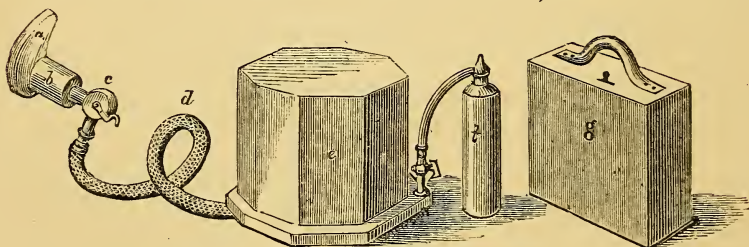


FIG. 333.

Edward's Patent Economizing Inhaler and Gas holder, complete, Fig. 338 3 5 0  
 Portable case for ditto 0 5 0

The Economizing Inhaler is constructed so that the gas exhaled from the patient is thoroughly filtered through lime; it then passes through the inhaling tube to the gas-holder, and back again at the next inspiration, thus being filtered a second time.

The gas is thus thoroughly purified from carbonic acid, and from all unhealthy emanations from the lungs, as soon as it passes from the

patient, and before it reaches the inhaling tube. On this account, and for other reasons, it claims superiority over all other apparatus of the kind. At the same time its low price places it within the reach of every operating dentist, whilst more complicated apparatus not only involve a large outlay, but also special instruction in their use.

|                                                                                                          | £ | s. | d. |
|----------------------------------------------------------------------------------------------------------|---|----|----|
| Coleman's Economizing apparatus . . . . .                                                                | 2 | 12 | 6  |
| Face-pieces, three sizes, for ditto . . . . . each                                                       | 1 | 0  | 0  |
| Ditto ditto for Clover's apparatus . . . . . „                                                           | 1 | 3  | 6  |
| Supplemental Bag and stopcock for ditto . . . . .                                                        | 0 | 11 | 6  |
| Catlin's bag and union for ditto . . . . .                                                               | 0 | 17 | 6  |
| Clover's two-way stopcock . . . . .                                                                      | 0 | 19 | 6  |
| Set of three face-pieces and Clover's two-way stopcock,<br>strongly gilt, in case complete . . . . .     | 5 | 5  | 0  |
| Wash leather covers for face-pieces . . . . . per doz.                                                   | 0 | 3  | 0  |
| Bag (Indianette) with wood mounts, to hold 36 gallons . . . . .                                          | 1 | 10 | 0  |
| Gasometer Tubing . . . . . per foot                                                                      | 0 | 2  | 0  |
| Gasometer with improved screw unions for liquid gas, vessel<br>and tubing complete (15 gallon) . . . . . | 5 | 0  | 0  |
| 15-gallon Bottle of Compressed Gas . . . . .                                                             | 1 | 1  | 0  |
| 20-gallon ditto . . . . .                                                                                | 1 | 10 | 0  |
| 45-gallon ditto . . . . .                                                                                | 2 | 2  | 0  |
| 50-gallon ditto of superior ditto . . . . .                                                              | 2 | 5  | 0  |
| 100-gallon ditto ditto . . . . .                                                                         | 3 | 10 | 0  |
| Refilling Bottles with Gas . . . . . per gallon                                                          | 0 | 0  | 3  |
| Gags . . . . . from                                                                                      | 0 | 1  | 0  |

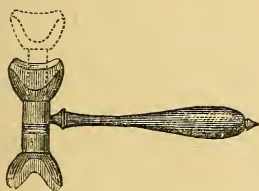


FIG. 339.

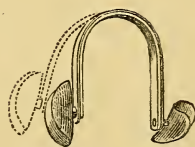


FIG. 340.

|                                                  |   |   |   |
|--------------------------------------------------|---|---|---|
| McAdams' Improved Mouth Prop, Fig. 339 . . . . . | 0 | 6 | 0 |
| Clover's Graduated ditto . . . . .               | 0 | 4 | 0 |
| Improved Spring Mouth Prop, Fig. 340 . . . . .   | 0 | 6 | 0 |

BREAST PUMPS, &c.

|                                                        |   |    |   |
|--------------------------------------------------------|---|----|---|
| Brass Breast Pump, in mahogany case . . . . .          | 0 | 10 | 9 |
| Ditto ditto with bent glass . . . . .                  | 0 | 12 | 6 |
| Thompson's Breast Relievers, with ivory ring . . . . . | 0 | 2  | 6 |

|                                                          | £ | s. | d. |
|----------------------------------------------------------|---|----|----|
| Breast Bottles, india-rubber . . . . .                   | 0 | 2  | 6  |
| Ditto large . . . . .                                    | 0 | 5  | 0  |
| Breast Glasses, with india-rubber tube, in box . . . . . | 0 | 1  | 0  |

## CHEST EXPANDERS.

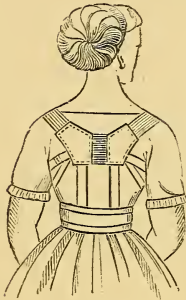


FIG. 341.

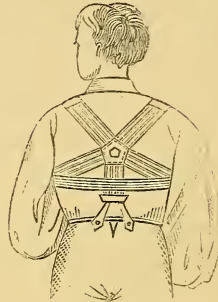


FIG. 342.

|                                                                                                                                                   |     |    |       |
|---------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|-------|
| Chest Expanders, Ladies', for contracted chest, round shoulders, and to prevent stooping, with elastic straps and steel shoulder-plates . . . . . | 0   | 15 | 0     |
| Ditto for Gentlemen . . . . .                                                                                                                     | 0   | 16 | 0     |
| Arnold and Sons' Improved Ladies' Chest Expanders, with spiral wire spring, Fig. 341 . . . . .                                                    | 1   | 0  | 0     |
| Ditto, Gentlemen's, Fig. 342 . . . . .                                                                                                            | 1   | 1  | 0     |
| Ditto, with india-rubber spring, Ladies' . . . . .                                                                                                | 0   | 12 | 6     |
| Ditto, Gentlemen's . . . . .                                                                                                                      | 0   | 13 | 6     |
| Measurement required—circumference round chest, waist, and age of patient.                                                                        |     |    |       |
| Chest Expanders of india-rubber . . . . .                                                                                                         | 2/- | to | 0 5 0 |

These chest expanders are considered superior to dumb bells, promoting expansion of the chest without straining the muscular system, thereby rendering the calisthenic exercise both pleasant and easy.

|                                                                      |          |   |    |   |
|----------------------------------------------------------------------|----------|---|----|---|
| Dumb Bells, covered with chamois leather, 6 lbs. and under           | per pair | 0 | 4  | 0 |
| 8lbs., 10 lbs., 12 lbs., 14 lbs., 16 lb., 18 lbs., 20 lbs., 22 lbs., |          |   |    |   |
| 24 lbs.                                                              | per lb.  | 0 | 0  | 8 |
| Cambridge Gymnastic Belts . . . . .                                  |          | 0 | 10 | 0 |
| Ditto, superior . . . . .                                            |          | 0 | 12 | 6 |

## LANCET CASES.

Stout Silver Lancet Cases, hall marked—

|                                                          | To hold 2 |    |    | 3 |    |    | 4 |    |    |
|----------------------------------------------------------|-----------|----|----|---|----|----|---|----|----|
|                                                          | £         | s. | d. | £ | s. | d. | £ | s. | d. |
| Plain Silver . . . . .                                   | 0         | 15 | 0  | 1 | 0  | 0  | 1 | 0  | 0  |
| Chased . . . . .                                         | 1         | 2  | 0  | 1 | 6  | 0  | 1 | 6  | 0  |
| Engine Turned . . . . .                                  | 1         | 7  | 6  | 1 | 12 | 6  | 1 | 12 | 6  |
| Engraved . . . . .                                       | 1         | 0  | 0  | 1 | 3  | 0  | 1 | 3  | 0  |
| Morocco Leather . . . . .                                | 0         | 0  | 6  | 0 | 0  | 9  | 0 | 1  | 0  |
| Tortoiseshell . . . . .                                  | 0         | 5  | 6  | 0 | 6  | 0  | 0 | 6  | 0  |
| Ditto, with silver edge and name-plate . . . . .         | 0         | 6  | 0  | 0 | 7  | 0  | 0 | 7  | 6  |
| Ditto, with double silver edges and name-plate . . . . . | 0         | 11 | 0  | 0 | 14 | 0  | 0 | 14 | 0  |

## HERNIA INSTRUMENTS.

|                                                              |   |    |   |
|--------------------------------------------------------------|---|----|---|
| Wutzer's Instrument for the radical cure of Hernia . . . . . | 4 | 4  | 0 |
| Davis's ditto ditto . . . . .                                | 2 | 0  | 0 |
| Ferguson's ditto ditto . . . . .                             | 4 | 4  | 0 |
| Roshmund's ditto ditto . . . . .                             | 4 | 4  | 0 |
| Stanley's Silver Director . . . . .                          | 0 | 8  | 6 |
| Brodie's ditto ditto . . . . .                               | 0 | 8  | 0 |
| Stanley's Steel ditto . . . . .                              | 0 | 4  | 6 |
| Key's ditto ditto . . . . .                                  | 0 | 4  | 6 |
| Hernia Bistoury, ivory . . . . .                             | 0 | 3  | 6 |
| Ditto with concealed regulating blade . . . . .              | 0 | 15 | 0 |
| Wood's Hernia Needle . . . . .                               | 0 | 6  | 0 |

## RECTUM INSTRUMENTS.

|                                                                                         |   |    |   |
|-----------------------------------------------------------------------------------------|---|----|---|
| Todd's Rectum Dilator . . . . .                                                         | 1 | 15 | 0 |
| Ashton's Fluid Dilator, with syringe and two dilators for stricture of rectum . . . . . | 1 | 15 | 0 |
| Lane's three-bladed Speculum Ani . . . . .                                              | 2 | 15 | 0 |
| Hilton's Speculum Ani . . . . .                                                         | 0 | 15 | 0 |
| Sir W. Ferguson's ditto . . . . .                                                       | 0 | 4  | 6 |
| Weiss's three-bladed ditto . . . . .                                                    | 2 | 10 | 0 |
| Smith's Clamp for Hæmorrhoids . . . . .                                                 | 0 | 15 | 0 |

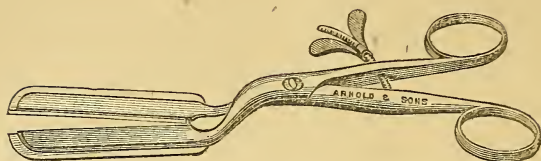


FIG. 343.

|                                                                                                                     | £ | s. | d. |
|---------------------------------------------------------------------------------------------------------------------|---|----|----|
| Smith's improved Clamp, with ivory plates, acting as non-conductors whilst applying the cautery, Fig. 343 . . . . . | 1 | 1  | 0  |
| Gowland's Clamp for Hæmorrhoids . . . . .                                                                           | 1 | 2  | 0  |
| Ditto                   ditto                   plated . . . . .                                                    | 1 | 5  | 0  |
| Quain's Clamp . . . . .                                                                                             | 0 | 18 | 6  |
| Gowland's Cautery, with screw socket handle . . . . .                                                               | 0 | 8  | 6  |
| Ditto                   fitted with four cautery irons, various . . . . .                                           | 0 | 14 | 0  |
| Hæmorrhoidal Hook . . . . . 6s. 6d.,                                                                                | 0 | 7  | 6  |
| Bushe's Hæmorrhoidal Needle . . . . .                                                                               | 0 | 16 | 0  |
| Hæmorrhoidal Needles, plain . . . . .                                                                               | 0 | 3  | 6  |
| Fistula Probe . . . . .                                                                                             | 0 | 2  | 0  |
| Brodie's Fistula Director . . . . .                                                                                 | 0 | 6  | 6  |
| Knife for Fissure of the Anus . . . . .                                                                             | 0 | 4  | 6  |
| Hæmorrhoidal Forceps . . . . .                                                                                      | 0 | 12 | 0  |
| Fistula Knife . . . . .                                                                                             | 0 | 4  | 6  |
| Hæmorrhoidal Forceps, with cross action . . . . .                                                                   | 0 | 9  | 0  |
| Marshall's fenestrated Forceps for holding hæmorrhoids, &c., without laceration . . . . .                           | 0 | 10 | 6  |
| Ditto                   for small polypi, hæmorrhoids, or other vascular growth . . . . .                           | 0 | 7  | 6  |
| Salmon's Fistula Scissors . . . . .                                                                                 | 0 | 14 | 0  |
| Ponteau's Curved Trocar for puncturing the bladder per rectum . . . . .                                             | 0 | 13 | 6  |
| Cock's Trocar for ditto, with three silver canulas, in case complete . . . . .                                      | 1 | 13 | 6  |
| Rectum Bougies, elastic gum, super quality . . . . .                                                                | 0 | 3  | 6  |
| Ditto                   second quality . . . . .                                                                    | 0 | 2  | 6  |
| Ditto                   common . . . . .                                                                            | 6 | 1  | 6  |
| Wax Rectum Bougies, short . . . . .                                                                                 | 0 | 1  | 6  |
| Ditto                   long . . . . .                                                                              | 0 | 2  | 0  |
| Vulcanite Rectum Bougies, the set of six nested . . . . .                                                           | 0 | 13 | 6  |
| Quain's Rectum Bougies . . . . .                                                                                    | 0 | 5  | 0  |
| O'Beirne's Tubes, 6 in. to 24 in. in length . . . . . 6d. to                                                        | 0 | 3  | 0  |
| The above can be fitted to Arnold and Sons' improved Enemas.                                                        |   |    |    |
| Rectum Plugs, elastic gum . . . . .                                                                                 | 0 | 1  | 6  |
| Metallic Rectum Plug . . . . .                                                                                      | 0 | 2  | 6  |
| Ivory ditto . . . . .                                                                                               | 0 | 4  | 0  |
| Vulcanite ditto . . . . .                                                                                           | 0 | 2  | 6  |

|                                                                                                   | £  | s. | d. |
|---------------------------------------------------------------------------------------------------|----|----|----|
| Arnold and Sons' Improved Cauterizing Irons, in case . . . . .                                    | 0  | 15 | 0  |
| Suppository Tubes, ivory . . . . .                                                                | 0  | 2  | 0  |
| Ditto    vulcanite . . . . . 1s. 6d.,                                                             | 0  | 2  | 0  |
| Ditto    bone . . . . .                                                                           | 0  | 1  | 0  |
| Medicated Suppositories . . . . . per doz.                                                        | 0  | 2  | 0  |
| Prolapsus Ani Truss, with boxwood pad . . . . .                                                   | .1 | 1  | 0  |
| Prolapsus Ani Truss, Arnold and Sons' Improved, with ivory<br>pad and supporting spring . . . . . | 1  | 10 | 0  |
| Ditto                ditto                extra superior                                          | 2  | 0  | 0  |
| Prolapsus Ani Bandage, with india-rubber anal pad . . . . .                                       | 0  | 10 | 0  |

### STRICTURE INSTRUMENTS.

|                                                                                                                                                                                                                                                                                                                                        |   |    |   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|----|---|
| No. 1. Set of Wakley's Stricture Instruments, in morocco leather case, containing four Silver Canulas, Nos. 3, 5, 7, and 9; one long Silver Catheter, with conducting rod; two elastic gum Canulas, with Silver ends, Nos. 6 and 8 . . . . .                                                                                           | 2 | 17 | 6 |
| No. 2. Set of Wakley's Stricture Instruments, in morocco leather case, containing eight Silver Canulas, Nos. 3, 4, 5, 6, 7, 8, 9, and 10; one long Silver Catheter and conducting rod; three elastic gum Canulas, with Silver ends . . . . .                                                                                           | 3 | 15 | 0 |
| No. 3. Set of Wakley's Stricture Instruments, in superior morocco leather case, containing eight Silver Canulas, Nos. 3, 4, 5, 6, 7, 8, 9, and 10; two long Silver Catheters, with stilettes and conducting rods; three elastic gum Canulas, with Silver ends, Nos. 6, 8, and 10 . . . . .                                             | 4 | 10 | 0 |
| No. 4. Complete set of Wakley's Stricture Instruments, in superior morocco case, lined silk velvet, containing eleven Silver Canulas, extra stout, Hall marked, Nos. 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, and 13; three long Silver Catheters, with stilettes, conducting rods, and eleven elastic gum Canulas, with Silver ends . . . . . | 8 | 10 | 0 |
| Sir H. Thompson's Stricture Dilator . . . . .                                                                                                                                                                                                                                                                                          | 1 | 15 | 0 |
| Ditto                ditto                plated . . . . .                                                                                                                                                                                                                                                                             | 2 | 0  | 0 |
| Ditto                ditto                improved, with two le-<br>vers between the blades, in morocco leather case . . . . .                                                                                                                                                                                                         | 2 | 7  | 6 |
| Catheters, see pages 66, 67, 68, 69, 70.                                                                                                                                                                                                                                                                                               |   |    |   |
| Richardson's Stricture Dilators complete, in morocco case . . . . .                                                                                                                                                                                                                                                                    | 4 | 4  | 0 |
| Ditto, ditto, with knife, &c., the complete set . . . . .                                                                                                                                                                                                                                                                              | 5 | 0  | 0 |
| Asprey's Stricture Dilator . . . . .                                                                                                                                                                                                                                                                                                   |   |    |   |



FIG. 344.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | £  | s. | d. |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|----|
| Barnard Holt's set of Stricture Dilators, in morocco leather case, containing (Fig. 344) three plated Canulas, steel Dilator, with guiding rod and ivory handle . . . . .                                                                                                                                                                                                                                                                                                                                                                                    | 2  | 5  | 0  |
| Barnard Holt's complete set of Stricture Dilators, in superior morocco case, lined silk velvet, containing four plated Canulas, ivory handles; plated Dilator, with guiding rod, in chequered ivory handles . . . . .                                                                                                                                                                                                                                                                                                                                        | 2  | 15 | 0  |
| Bougies, see pages 71, 72.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |    |    |
| Jugum penis . . . . .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0  | 4  | 0  |
| Prostate Catheters, see page 70.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |    |    |
| Arnold and Sons' complete set of Stricture Instruments, in superior morocco leather case, lined silk velvet, containing Sir Henry Thompson's Dilator, set of Barnard Holt's Canulas and Dilators, six Brodie's Catheters, two ditto Prostate, six ditto Sounds, one ditto Blood Catheter, Lallemand's Caustic Catheter, Erichsen's ditto, twelve elastic gum Catheters, Double-channel Catheter, Syringe for washing out the bladder, Ponteau's curved Trocar for puncturing the bladder per rectum, Trocar for puncturing bladder above the pubis . . . . . | 14 | 11 | 0  |
| Ricord's Phymosis Forceps . . . . .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0  | 6  | 6  |
| Stafford's curved Catheter for dividing strictures . . . . .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1  | 15 | 0  |
| Ditto straight                      ditto . . . . .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1  | 7  | 6  |
| Syme's Stricture Staff . . . . .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0  | 6  | 0  |

### ENEMAS, STOMACH PUMPS, &c.

|                                                                               |   |   |   |
|-------------------------------------------------------------------------------|---|---|---|
| Stomach Pump and Enema combined, in mahogany case . . . . .                   | 1 | 0 | 0 |
| Ditto                      ditto                      very superior . . . . . | 1 | 7 | 6 |

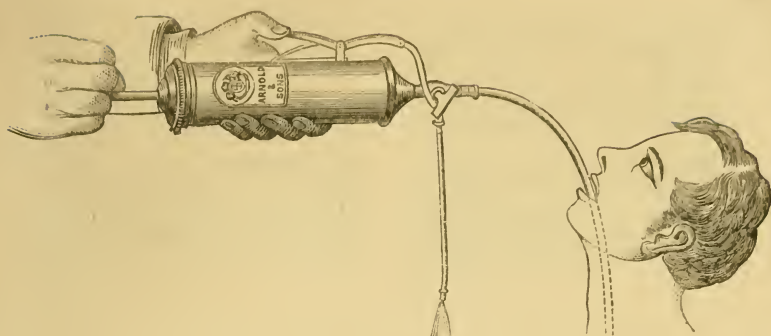


FIG. 345.

|                                                                                                                                                          | £ | s. | d. |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|---|----|----|
| Stomach Pump and Enema combined, the stomach pump adjusted with improved flute key lever, in mahogany case, Fig. 345 . . . . .                           | 1 | 17 | 6  |
| Ditto                   ditto                   very superior . . . . .                                                                                  | 2 | 7  | 6  |
| Arnold and Sons' Improved Stomach Pump . . . . .                                                                                                         | 2 | 2  | 0  |
| Brass Enema, with elastic tube and metal rectum pipe, in mahogany . . . . .                                                                              | 0 | 7  | 6  |
| Ditto                   ditto                   tubing covered . . . . .                                                                                 | 0 | 8  | 6  |
| Dr. Bennett's Enema, complete . . . . .                                                                                                                  | 1 | 1  | 0  |
| Ditto                   smaller . . . . .                                                                                                                | 0 | 17 | 6  |
| Ditto                   in leather pouch . . . . .                                                                                                       | 1 | 1  | 0  |
| Portable Enema, with brass telescopic tube, in leather case, size 8 $\frac{3}{4}$ in. long, 2 $\frac{1}{4}$ in. wide, 1 $\frac{1}{2}$ in. deep . . . . . | 0 | 16 | 0  |
| Brass Enema, fitted with O'Beirn's Elastic Rectum Tube, in mahogany case . . . . .                                                                       | 0 | 12 | 6  |

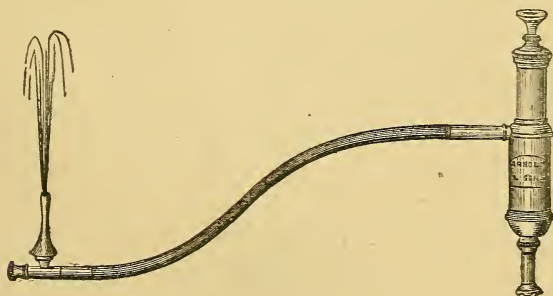


FIG. 346.

|                                                                                              |   |    |   |
|----------------------------------------------------------------------------------------------|---|----|---|
| Arnold and Sons' Improved Double-action Enema, Fig. 346 . . . . .                            | 1 | 5  | 0 |
| Brass Enema, with elastic tubing, metal rectum and vaginal pipes, in mahogany case . . . . . | 0 | 15 | 0 |
| Ditto                   ditto                   very superior . . . . .                      | 1 | 1  | 0 |

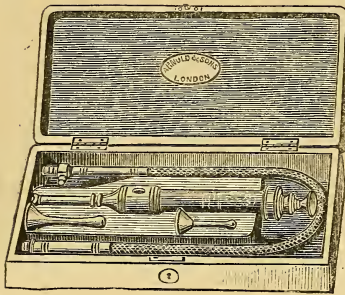


FIG. 347.

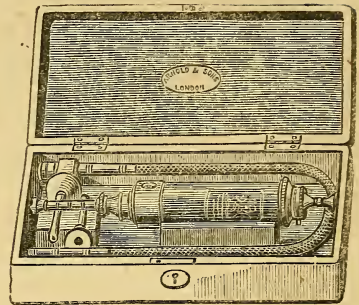


FIG. 348.

|                                                                                                                                                               | £ | s. | d. |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---|----|----|
| Brass Enema, very superior, in mahogany case, Fig. 347 . . . . .                                                                                              | 1 | 1  | 0  |
| Arnold and Sons' Improved Brass Enema . . . . .                                                                                                               | 1 | 5  | 0  |
| Brass Enema, double action, with superior tubing, specially prepared to stand any climate, complete in mahogany case, polished throughout, Fig. 348 . . . . . | 1 | 10 | 0  |
| Portable Selfacting Enema . . . . .                                                                                                                           | 0 | 14 | 0  |

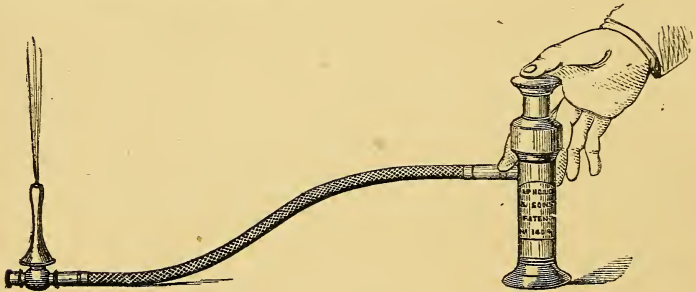


FIG. 349.

|                                                                                                                    |   |    |   |
|--------------------------------------------------------------------------------------------------------------------|---|----|---|
| Arnold and Son's Patent Simplex Enema, No. 1, very superior, in mahogany case, lined velvet, as Fig. 349 . . . . . | 0 | 16 | 0 |
| Ditto ditto No. 2, in mahogany case . . . . .                                                                      | 0 | 10 | 0 |
| Ditto ditto No. 3, in wood case . . . . .                                                                          | 0 | 5  | 0 |

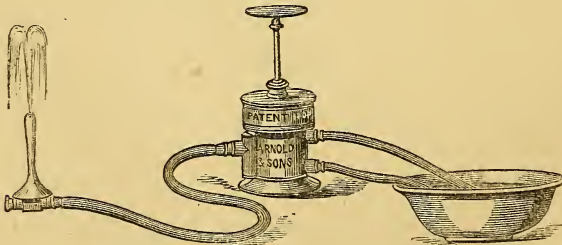


FIG. 350.

|                                                                                              |   |    |   |
|----------------------------------------------------------------------------------------------|---|----|---|
| Arnold and Sons' Patent Facilis Enema, in mahogany case, lined velvet, as Fig. 350 . . . . . | 0 | 17 | 6 |
|----------------------------------------------------------------------------------------------|---|----|---|



SYPHON ENEMAS.

£ s. d.

Higginson's Syphon Enema, with bone rectum pipe, in slide cedar box . . . . . 0 3 6

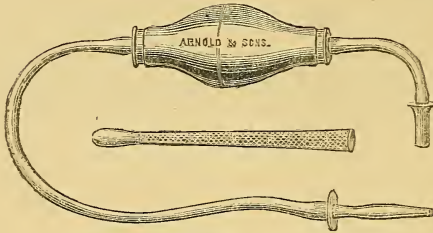


FIG. 352.

Higginson's Syphon Enema, with elastic vaginal pipe, Fig. 352 0 4 0  
 Ditto ditto superior . 0 6 0

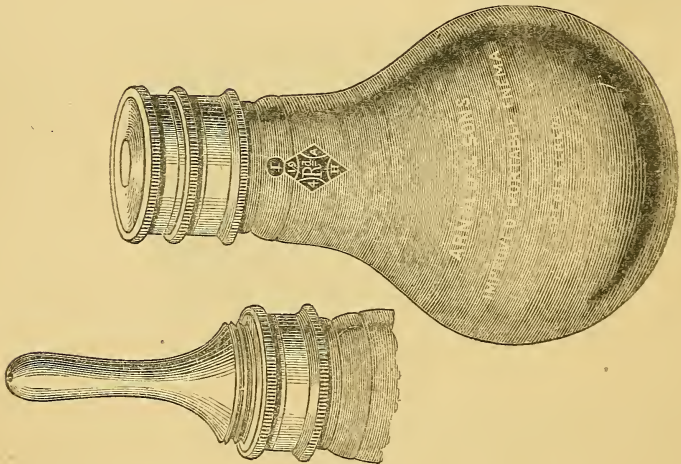


FIG. 353.

Arnold and Sons' Registered Portable Enema, Fig. 353 :—

|       |       |       |        |        |                     |
|-------|-------|-------|--------|--------|---------------------|
| 2 oz. | 4 oz. | 8 oz. | 12 oz. | 16 oz. |                     |
| 3/6   | 4/6   | 5/-   | 5/9    | 7/6    | brass mounts.       |
| 3/-   | 3/9   | 4/6   | 5/-    | 7/-    | white metal mounts. |

Arnold and Sons' Registered Vaginal Syringe :—

|       |       |        |        |                     |
|-------|-------|--------|--------|---------------------|
| 4 oz. | 8 oz. | 12 oz. | 16 oz. |                     |
| 5/-   | 5/6   | 6/3    | 8/-    | brass mounts.       |
| 4/-   | 5/    | 5/6    | 7/6    | white metal mounts. |

Extract from *Lancet*, August 26th, 1871, p. 295—"There are many advantages in such an instrument. There is little liability of its getting out of repair. The instruments are fitted in various ways, and answer equally well as an Enema or Vaginal Syringe."

Extract from *British Medical Journal*, August 26th, 1871, p. 235:—"Messrs. Arnold and Sons, of 35 and 36, West Smithfield, London, have brought out an excellent Enema Syringe, which consists of an India-rubber Bottle fitted with a reversible pipe and mount, to which a cap is arranged, so that the Enema can be carried about full of fluid ready for use."

Extract from *Medical Times and Gazette*, August 19th, 1871, p. 236:—"The advantages of such an instrument will at once be seen, as there is no possibility of its getting out of repair. The mounts are made of brass, and carefully tinned on the inner side and every part which comes in contact with the fluid, so as to prevent the possibility of corrosion."

Extract from *Medical Press and Circular*, August 30th, 1871, p. 191:—"One of those simple improvements that, when once tried, excite surprise that they were not thought of before, has been made by Messrs. Arnold and Sons in the Elastic Enema Apparatus. We very strongly recommend this instrument, that it is sure to please all who try it."

|                                                                                                                           | £ | s. | d. |
|---------------------------------------------------------------------------------------------------------------------------|---|----|----|
| Injection Syringe, Arnold and Sons' Registered . . . . .                                                                  | 0 | 3  | 6  |
| Kennedy's Syphon Enema, small for children, with plain<br>mounts, in wood box . . . . .                                   | 0 | 3  | 6  |
| Ditto ditto large . . . . .                                                                                               | 0 | 7  | 6  |
| Kennedy's Syphon Enema, with covered tube and metal<br>rectum pipe, in leather case . . . . .                             | 0 | 12 | 0  |
| Ditto ditto fitted with elastic gum vaginal pipe,<br>in leather case . . . . .                                            | 0 | 13 | 6  |
| Kennedy's Syphon Enema, very superior, with best covered<br>tube and metal rectum pipe, in morocco leather case . . . . . | 0 | 15 | 0  |

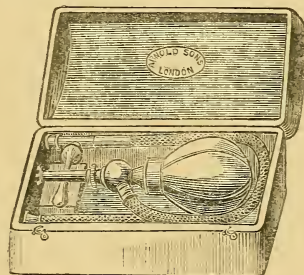


FIG. 354.

|                                                                                      |   |    |   |
|--------------------------------------------------------------------------------------|---|----|---|
| Kennedy's Syphon Enema, with elastic gum vaginal pipe, Fig.<br>354 . . . . .         | 0 | 17 | 6 |
| Kennedy's Syphon Enema, electro plated . . . . .                                     | 1 | 0  | 0 |
| Ditto ditto gilt . . . . .                                                           | 1 | 7  | 0 |
| Syphon Vaginal Syringe (as made for), and recommended by<br>Dr. Greenhalgh . . . . . | 0 | 5  | 0 |
| Uterine Syringe, plated, complete in morocco case . . . . .                          | 0 | 18 | 6 |
| Ditto ivory mounts . . . . .                                                         | 0 | 16 | 0 |
| Uterine Douche, complete . . . . .                                                   | 0 | 12 | 6 |
| Barth's ditto ditto . . . . .                                                        | 1 | 1  | 0 |

THERMOMETERS, BAROMETERS, &c.



FIG. 355.

|                                                                                                   |                                | £     | s. | d. |   |
|---------------------------------------------------------------------------------------------------|--------------------------------|-------|----|----|---|
| Aitkin's Self-registering Clinical Thermometer, in turned wood case, 4 in. and $4\frac{1}{2}$ in. |                                | 0     | 8  | 0  |   |
| Ditto                                                                                             | in ivory case                  | ditto | 0  | 9  | 0 |
| Ditto                                                                                             | in silver case                 | ditto | 0  | 10 | 6 |
| Ditto                                                                                             | in turned wood case            | 6 in. | 0  | 8  | 0 |
| Ditto                                                                                             | in morocco case, lined velvet, |       |    |    |   |
| Fig. 355                                                                                          |                                |       | 0  | 9  | 0 |
| Ditto                                                                                             | in silver case                 |       | 0  | 12 | 6 |



FIG. 356.

|                                                                                  |  |   |    |   |
|----------------------------------------------------------------------------------|--|---|----|---|
| Dr. Squire's Pocket Thermometer, 3 in., 95 to 110 deg., in silver case, Fig. 356 |  | 0 | 15 | 0 |
|----------------------------------------------------------------------------------|--|---|----|---|



FIG. 357.

|                                                       |                                                                                         |   |    |   |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------|---|----|---|
| Dr. Buzzard's ditto                                   | 4 in., 95 to 110 deg., with centigrade and Fahrenheit scales, in silver case, Fig. 357. | 1 | 1  | 0 |
| Dr. Gower's Pocket Thermometer, 4 in., 92 to 112 deg. |                                                                                         | 0 | 18 | 6 |

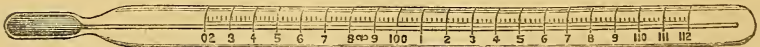


FIG. 358.

|                                                                                    |  |   |    |   |
|------------------------------------------------------------------------------------|--|---|----|---|
| Dr. Murchison's Pocket Thermometer, 5 in., 90 to 110 deg., in ivory case, Fig. 358 |  | 0 | 13 | 6 |
| Dr. Beale's Pocket Thermometer, 3 in., 95 to 110 deg., in silver case              |  | 0 | 16 | 0 |
| Dr. Andrews' Surface Thermometer, in case                                          |  | 1 | 10 | 0 |

|                                                                  | £ | s. | d. |
|------------------------------------------------------------------|---|----|----|
| Dr. Sibson's Thermometers, per pair, in morocco case . . . . .   | 2 | 2  | 0  |
| Dr. Teale's ditto with bent bulb for surface or axilla . . . . . | 0 | 13 | 6  |

Arnold and Sons have succeeded in producing these Thermometers with sensitive bulbs, thereby effecting a great saving of time in registering temperature.



FIG. 359.

|                                                |     |     |   |
|------------------------------------------------|-----|-----|---|
| Boxwood Thermometer, plain, Fig. 359 . . . . . | 0   | 1   | 0 |
| Ditto polished, Fig. 359 . . . . .             | 1s. | 6d. | 0 |
| Ditto with enamel tube, Fig. 359 . . . . .     | 2s. | 0   | 2 |



FIG. 360.

|                                                                                                           |     |     |   |   |   |
|-----------------------------------------------------------------------------------------------------------|-----|-----|---|---|---|
| Boxwood Thermometer, with enamel tube, the scale bevelled at the edges, very superior, Fig. 360 . . . . . | 3s. | 6d. | 0 | 4 | 6 |
| Rutherford's Self-registering Thermometer, on metal scale, with steel index . . . . .                     | 3s. | 6d. | 0 | 7 | 6 |
| Phillips's ditto ditto with air index . . . . .                                                           | 0   | 7   | 6 |   |   |

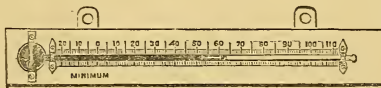


FIG. 361.

|                                                   |   |   |   |
|---------------------------------------------------|---|---|---|
| Porcelain minimum Thermometer, Fig. 361 . . . . . | 0 | 3 | 6 |
|---------------------------------------------------|---|---|---|



FIG. 362.

|                                                                                            |      |     |      |      |   |   |   |
|--------------------------------------------------------------------------------------------|------|-----|------|------|---|---|---|
| Six's minimum Thermometer, on boxwood or metal scale, in japanned case, Fig. 362 . . . . . | 10s. | 6d. | 15s. | 17s. | 1 | 1 | 0 |
|--------------------------------------------------------------------------------------------|------|-----|------|------|---|---|---|

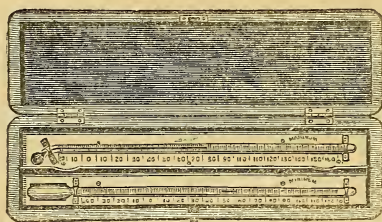


FIG. 363.

|                                                                                     | £ | s. | d. |
|-------------------------------------------------------------------------------------|---|----|----|
| Case containing one each maximum and minimum Thermometer, Fig. 363 . . . . .        | 1 | 15 | 0  |
| Morocco case, containing one curved and one straight Clinical Thermometer . . . . . | 1 | 7  | 6  |



FIG. 364.

|                                                                       |           |   |   |   |
|-----------------------------------------------------------------------|-----------|---|---|---|
| Bath Thermometers, Fig. 364 . . . . .                                 | 2s., 3s., | 0 | 5 | 0 |
| Chemical Thermometer, with boxwood scale, graduated to 300° . . . . . |           | 0 | 2 | 6 |
| Ditto . . . . . ditto . . . . . graduated to 400°                     |           | 0 | 4 | 0 |



FIG. 365.

|                                                                                              |  |   |   |   |
|----------------------------------------------------------------------------------------------|--|---|---|---|
| Chemical Thermometer, with brass hinge and jointed boxwood scale to 600°, Fig. 365 . . . . . |  | 0 | 7 | 6 |
|----------------------------------------------------------------------------------------------|--|---|---|---|



FIG. 366.

|                                                                                               |  |   |    |   |
|-----------------------------------------------------------------------------------------------|--|---|----|---|
| Arnold and Sons' improved, jointed boxwood scale, Fig. 366 . . . . .                          |  | 0 | 12 | 6 |
| Ditto . . . . . graduated on stem, for inserting in the tubulure of retorts to 400° . . . . . |  | 0 | 5  | 6 |
| Ditto . . . . . ditto . . . . . scale to 600°                                                 |  | 0 | 7  | 6 |

|                                                                   |       |             | £ | s. | d. |
|-------------------------------------------------------------------|-------|-------------|---|----|----|
| Thermometers, insulated in glass cylinders for acids, 40° to 212° |       |             | 0 | 5  | 0  |
| Ditto                                                             | ditto | 40° to 300° | 0 | 5  | 6  |
| Ditto                                                             | ditto | 40° to 600° | 0 | 7  | 6  |

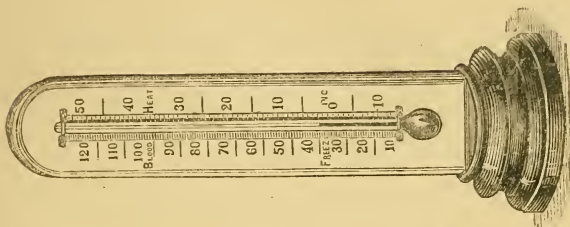


FIG. 367.

|                                                |  |  |   |    |   |
|------------------------------------------------|--|--|---|----|---|
| Pedestal Thermometer, in glass shade, Fig. 367 |  |  | 0 | 10 | 6 |
|------------------------------------------------|--|--|---|----|---|

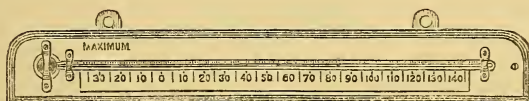


FIG. 368.

|                                        |  |  |   |    |   |
|----------------------------------------|--|--|---|----|---|
| Standard Maximum Thermometer, Fig. 368 |  |  | 0 | 17 | 6 |
|----------------------------------------|--|--|---|----|---|

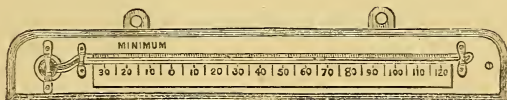


FIG. 369.

|                                        |  |  |   |    |   |
|----------------------------------------|--|--|---|----|---|
| Standard Minimum Thermometer, Fig. 369 |  |  | 0 | 12 | 6 |
|----------------------------------------|--|--|---|----|---|

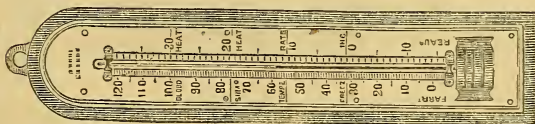


FIG. 370.

|                                               |  |  |   |   |   |
|-----------------------------------------------|--|--|---|---|---|
| Ivory or Ebony Thermometers, 10 in., Fig. 370 |  |  | 1 | 1 | 0 |
|-----------------------------------------------|--|--|---|---|---|

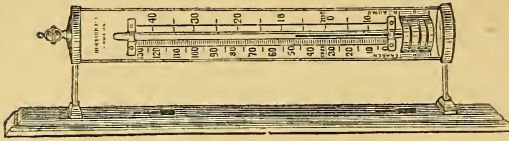


FIG. 371.

|                                                                                              |   |    |      |
|----------------------------------------------------------------------------------------------|---|----|------|
|                                                                                              | £ | s. | d.   |
| Window Thermometer, on glass or porcelain scale, with revolving brackets, Fig. 371 . . . . . |   | 0  | 17 6 |



FIG. 372.

|                                                                                     |  |   |    |   |
|-------------------------------------------------------------------------------------|--|---|----|---|
| Storm Glass in porcelain, with single scale Thermometer, 12 in., Fig. 372 . . . . . |  | 0 | 12 | 6 |
| Ditto ditto double ditto . . . . .                                                  |  | 0 | 14 | 6 |



FIG. 373.

|                                                                              |   |    |   |
|------------------------------------------------------------------------------|---|----|---|
| Revolving Pocket Thermometer, in German silver, Fig. 373, 7s. 6d., 10s. 6d., | 0 | 12 | 6 |
|------------------------------------------------------------------------------|---|----|---|

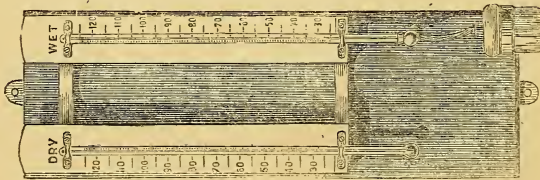


FIG. 374.

|                                                         |   |   |   |
|---------------------------------------------------------|---|---|---|
| Mason's Wet and Dry Bulb Hygrometer, on stand, Fig. 374 | 2 | 2 | 0 |
|---------------------------------------------------------|---|---|---|

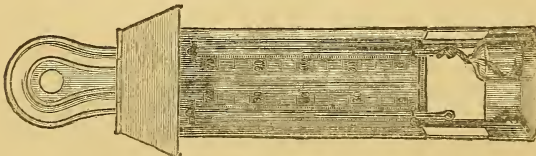


FIG. 375.

|                                                                |   |    |   |
|----------------------------------------------------------------|---|----|---|
| Mason's Hygrometer, porcelain scale in japanned case, Fig. 375 | 0 | 15 | 6 |
|----------------------------------------------------------------|---|----|---|

A valuable instrument in the sick chamber, for by its means an artificial humidity and temperature of the air can be maintained, in many cases so essential to recovery.

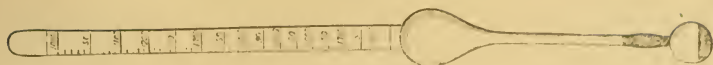


FIG. 376.

|                                                        |   |    |    |
|--------------------------------------------------------|---|----|----|
|                                                        | £ | s. | d. |
| Glass Hydrometer, for heavy fluids, Fig. 376 . . . . . | 0 | 3  | 6  |



FIG. 377.

|                                                         |   |   |   |
|---------------------------------------------------------|---|---|---|
| Glass Proof Hydrometer, for spirits, Fig. 377 . . . . . | 0 | 2 | 6 |
|---------------------------------------------------------|---|---|---|

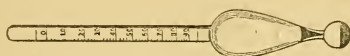


FIG. 378.

|                                                                                                                    |    |      |    |
|--------------------------------------------------------------------------------------------------------------------|----|------|----|
| Argentometer, for nitrate of silver, Fig. 378 . . . . .                                                            | 0  | 2    | 6  |
| Large carved solid oak Barometer, with enamel or ivory scales, double rack, and floating gauge, Fig. 379 . . . . . | 6  | 6    | 0  |
| Wheel Barometer, in various wood, Fig. 380 . . . . .                                                               | £1 | 10s. | to |
| Carved solid oak Barometer, with enamel or ivory scales and double rack, Fig. 381 . . . . .                        | 5  | 5    | 0  |
| Square top solid oak Sea-coast Barometer, with ivory scales and double rack, Fig. 382 . . . . .                    | 2  | 10   | 0  |
| Board of Trade metal Marine Barometer, Fig. 383 . . . . .                                                          | 4  | 4    | 0  |
| Model Barometer, with ivory scale and sliding vernier, Fig. 384 . . . . .                                          | 1  | 1    | 0  |
| Ditto . . . . .                                                                                                    | 2  | 0    | 0  |
| ditto . . . . .                                                                                                    |    |      |    |
| superior . . . . .                                                                                                 |    |      |    |

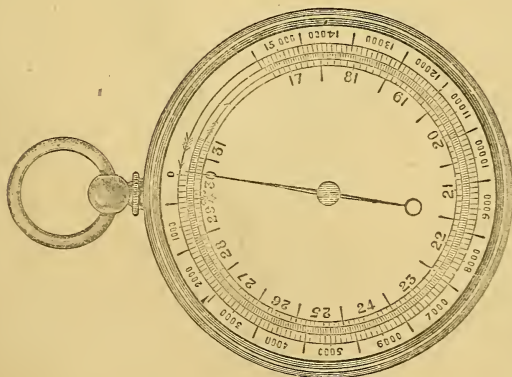


FIG. 385.

|                                                            |   |   |   |
|------------------------------------------------------------|---|---|---|
| Watch Aneroid Barometer, in metal case, Fig. 385 . . . . . | 4 | 4 | 0 |
|------------------------------------------------------------|---|---|---|

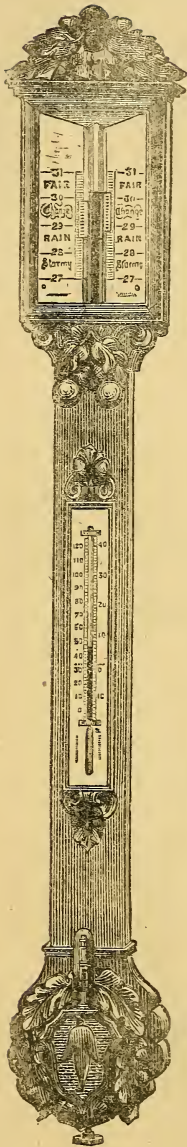


FIG. 379.

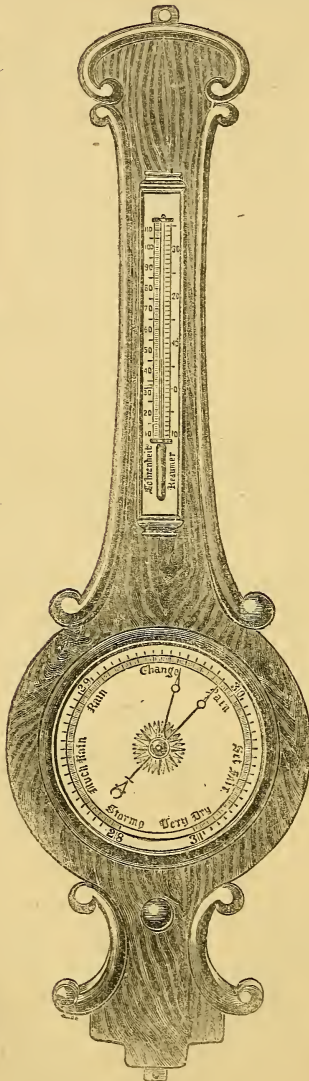


FIG. 380.

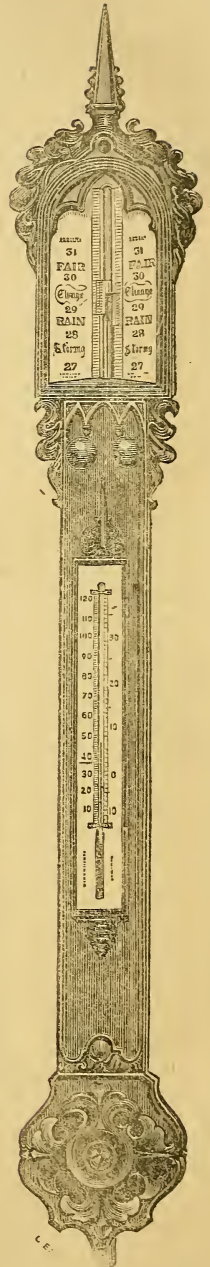


FIG. 381.

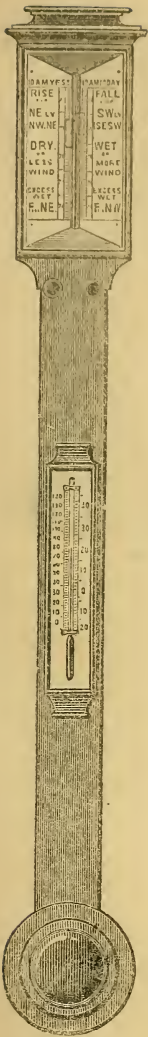


FIG. 382.

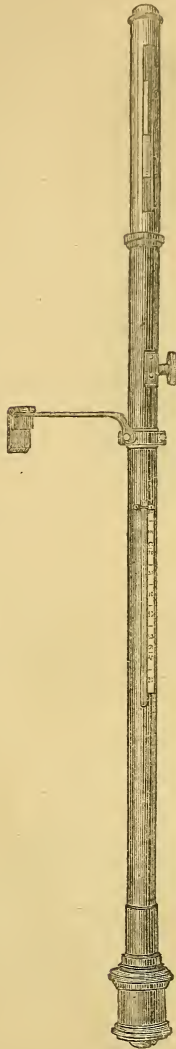


FIG. 383.



FIG. 384.

|                                                           | £ | s. | d. |
|-----------------------------------------------------------|---|----|----|
| Aneroid Barometer, in case . . . . .                      | 1 | 1  | 0  |
| Ditto      in solid oak frame, with Thermometer .         | 2 | 2  | 0  |
| Books of 25 Charts, for Clinical Thermometers, in cloth . | 0 | 2  | 0  |
| Ditto 50 ditto      in leather covers and elastic bands   | 0 | 4  | 0  |
| Ditto 100 ditto      ditto .                              | 0 | 8  | 0  |

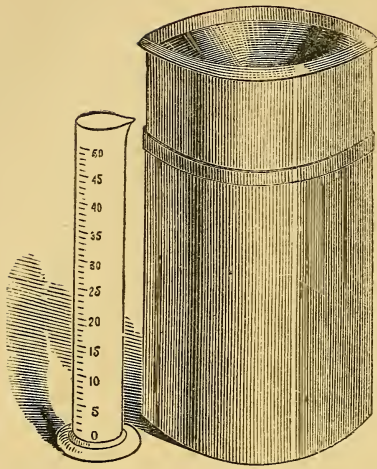


FIG. 386.



FIG. 387.

|                                                             | £ | s. | d. |
|-------------------------------------------------------------|---|----|----|
| Glaisher's Rain Gauge, complete in japanned tin, Fig. 386 . | 0 | 16 | 0  |
| Ditto in copper . . . . .                                   | 1 | 10 | 0  |
| Howard's Rain Gauge, complete in japanned tin, Fig. 387 .   | 0 | 8  | 0  |
| Ditto in copper . . . . .                                   | 0 | 12 | 0  |

## UTERINE INSTRUMENTS.

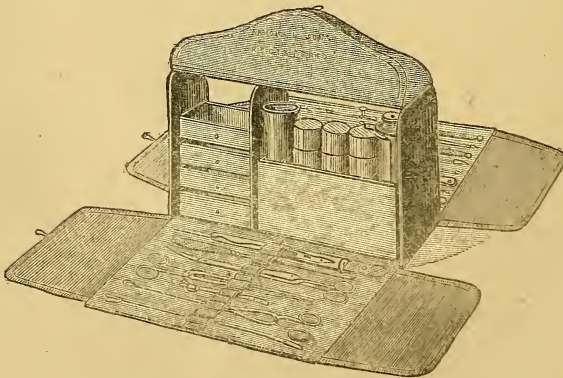


FIG. 388.

Gynæcological Bag (Arnold and Sons' Registered), Fig. 388,

suggested by Dr. Greenhalgh, containing two Fergusson's £ s. d.

Specula, large and small; one plated Bivalve Specula;  
 two Sounds, large and small; two Scarifying Lancets;  
 two Uterine Knives; Ellis's Uterine Dilator; Speculum  
 Forceps. (cross or compound action) Spring Holder, potassa  
 fusa; Arnold and Sons' seamless tube Caustic Holder;  
 Sponge Holder; Sims' Double Hook; Sims' Double Screw;  
 Sims' Curette; Maclintock's Ovum Forceps, improved;  
 Dr. Greenhalgh's Bilateral Metrotome; curved Speculum  
 Scissors; Bloxam's Chloroform Bottle; Female Catheter,  
 Silver; four Dr. Greenhalgh's Spring Pessaries; six ditto  
 Laminaria Tents; six short Tents; twelve Perforated  
 Sponge Tents; Dr. Godson's Sponge and Laminaria  
 Tent Introducer; three Dr. Greenhalgh's perforated  
 Vulcanite Stems; Introducing Sound for ditto; two Dr.  
 Greenhalgh's Spring Stems; Introductory Sound for  
 Stems; four small Stoppered Bottles for potassa fusa;  
 Argent. Nitr.; Acid Chromic, &c.; 1 oz. Bottle for Glyce-  
 rine; Drawers for cotton-wool; Medicated Suppositories,  
 &c. The Registered Bag, complete as above . . . 21 0 0

Gynæcological Bag, without instruments, but with drawers,  
 divisions, cases, &c. in Morocco leather . . . 3 3 0

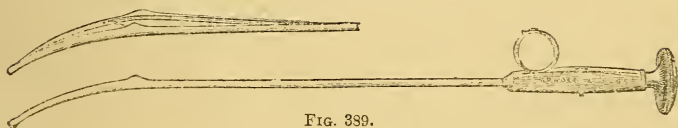


FIG. 389.

|                                                     |   |    |   |
|-----------------------------------------------------|---|----|---|
| Dr. Priestley's Uterine Dilator, Fig. 389 . . . . . | 1 | 15 | 0 |
| Ditto ditto plated . . . . .                        | 2 | 0  | 0 |
| Dr. Ellis's Uterine Dilator . . . . .               | 1 | 15 | 0 |
| Ditto ditto ditto . . . . .                         | 2 | 0  | 0 |

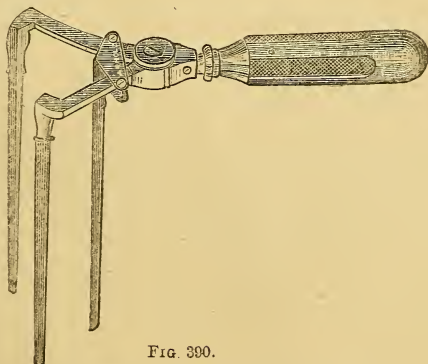


FIG. 390.

|                                                            |   |   |   |
|------------------------------------------------------------|---|---|---|
| Uterine Dilator, with regulating screw, Fig. 390 . . . . . | 2 | 2 | 0 |
|------------------------------------------------------------|---|---|---|

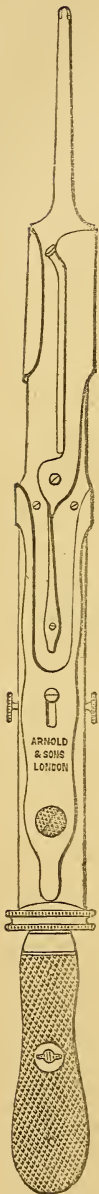


FIG. 391.

|                                                                                                                                                              | £ | s. | d. |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---|----|----|
| Fluid Urethral Dilator . . . . .                                                                                                                             | 0 | 16 | 0  |
| Ditto for dilating the os uteri,<br>the dilating tube size of No. 2 Catheter, and<br>will expand to size of No. 12 . . . . .                                 | 0 | 13 | 0  |
| Dr. Barnes' complete set of india-rubber Dila-<br>tors, with mounts, stopcocks, &c., fitted to<br>Higginson's Syringe, the set complete in<br>case . . . . . | 1 | 1  | 0  |
| Maclintock's Ovum Forceps . . . . .                                                                                                                          | 0 | 15 | 0  |
| Ditto improved . . . . .                                                                                                                                     | 0 | 15 | 0  |
| Sir J. Simpson's Ovum Forceps . . . . .                                                                                                                      | 0 | 10 | 0  |
| Mathieu's cross-action Scissors and Forceps<br>combined . . . . .                                                                                            | 1 | 10 | 0  |
| Sponge Forceps for holding sponge . . . . .                                                                                                                  | 0 | 5  | 0  |
| Dr. Greenhalgh's Bilateral Metrotome, with<br>spring stems and Introducer, in morocco case<br>complete, Fig. 391 . . . . .                                   | 4 | 4  | 0  |

The advantages of this instrument are—Smallness of uterine extremity; facility of introduction; acts obliquely with exactitude from within outwards; can be accurately adjusted to cut little or much, on one or both sides; blades protected by sheath, so as to avoid injury to the vaginal walls; can be used without the speculum or exposure; when duly regulated no risk of hæmorrhage.

|                                                                                                                                                                               |   |    |   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|----|---|
| Sir J. Simpson's Metrotome . . . . .                                                                                                                                          | 1 | 4  | 0 |
| Sims' ditto . . . . .                                                                                                                                                         | 2 | 2  | 0 |
| Mathieu's ditto . . . . .                                                                                                                                                     | 2 | 12 | 6 |
| Routh's ditto . . . . .                                                                                                                                                       | 2 | 2  | 0 |
| Aveling's ditto . . . . .                                                                                                                                                     | 1 | 7  | 6 |
| Dr. Greenhalgh's Metrometer Sound, for mea-<br>suring any part of the cavity of the uterus in<br>its long axis, or from side to side, or back<br>to front, Fig. 392 . . . . . | 2 | 2  | 0 |

This instrument consists of a canula traversed by a moveable shaft, at one extremity of which are two pointed watch-springs, at the other a graduated scale, indicating, when liberated by a screw, the amount of divergence taking place within the cavity of the uterus, and hence its dimensions.

|                                                                        |   |    |   |
|------------------------------------------------------------------------|---|----|---|
| Sims' Uterine Sound . . . . .                                          | 0 | 10 | 6 |
| Sir J. Simpson's Uterine Sound . . . . .                               | 0 | 6  | 6 |
| Ditto ditto jointed for por-<br>tability . . . . .                     | 0 | 9  | 6 |
| Dr. Hall's Uterine Sound, with soft flexible silver<br>point . . . . . | 0 | 11 | 6 |



FIG. 392.

Ecraseurs, see pages 64, 65.

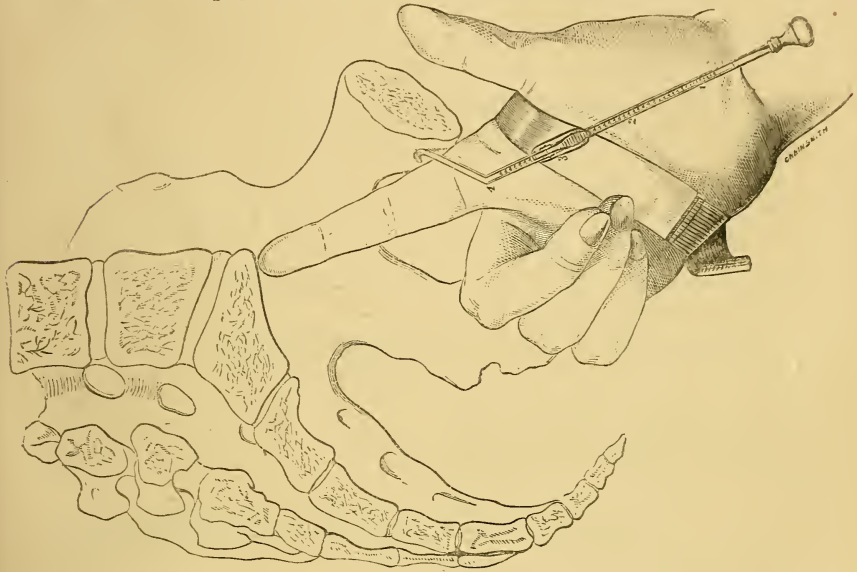


FIG. 393.

£ s. d.

Dr. Greenhalgh's Pelvimeter, for giving exactitude to the  
finger in admeasurements of the pelvis, Fig. 393 . . . 2 2 0

This instrument consists of a band of flexible metal, the extremities of which are connected by india-rubber webbing: can be firmly adjusted to any hand. To its upper extremity is attached a crutch, to fix the index finger, while at the lower end is a graduated scale and moveable button. From the centre of the band is a shaft, which can be fixed by a catch, moveable from before backwards and from above downwards, which can be regulated at the scale.

Dr. Greenhalgh's Spongio-piline and air or water Vaginal

Plugs, three sizes the set complete . . . . . 1 1 0

Possess facility of introduction and removal, accurate and comfortable adaptability.

Speculums. See pages 57, 127, 128, 129, 130.

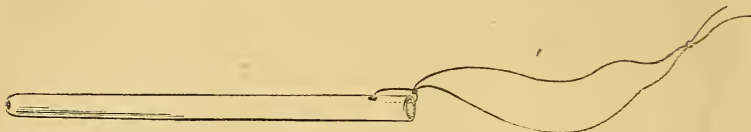


FIG. 394.

£ s. d.

|                                                                                                    |          |   |   |   |
|----------------------------------------------------------------------------------------------------|----------|---|---|---|
| Dr. Greenhalgh's improved perforated and tapering Sea Tangle Tents, long and short, Fig. 394 . . . | per doz. | 0 | 7 | 0 |
|----------------------------------------------------------------------------------------------------|----------|---|---|---|

Possess the following advantages:—Facility of introduction, rapidity of expansion, softness, drain for uterine secretions.

|                                                                      |          |   |   |   |
|----------------------------------------------------------------------|----------|---|---|---|
| Solid Laminaria Tents . . . . .                                      | per doz. | 0 | 4 | 0 |
| Sims' Sponge Tents . . . . .                                         | ditto    | 0 | 3 | 6 |
| Ditto Arnold and Sons' improved, perforated, very superior . . . . . | per doz. | 0 | 5 | 0 |

|                                                                                           |      |   |   |   |
|-------------------------------------------------------------------------------------------|------|---|---|---|
| Dr. Greenhalgh's Jointed Galvanic self-retaining perforated Intra Uterine Stems . . . . . | each | 0 | 7 | 6 |
|-------------------------------------------------------------------------------------------|------|---|---|---|

Secure facility of introduction, adaptability to the movements of the uterus, free escape of the uterine secretions, little liability to slip.

|                                                    |          |   |   |   |
|----------------------------------------------------|----------|---|---|---|
| Sir J. Simpson's Galvanic Stems . . . . .          |          | 0 | 5 | 6 |
| Perforated Sponge Tents, coated with wax . . . . . | per doz. | 0 | 5 | 0 |

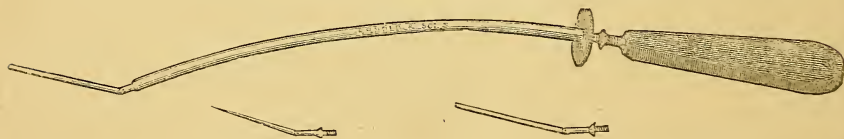


FIG. 395.

|                                                                                              |  |   |    |   |
|----------------------------------------------------------------------------------------------|--|---|----|---|
| Dr. Godson's Sponge and Laminaria Tent Introducer, Fig. 395, with 3 jointed points . . . . . |  | 1 | 1  | 0 |
| Ditto ditto with 1 pointed end . . . . .                                                     |  | 0 | 15 | 0 |

Extract from *Lancet*, April 22nd, 1871:—"The novelty of this instrument consists in the point intended for the reception of the tent being connected to the stilette by means of a screw, which permits of rotation, and of a small hinge-joint immediately above the screw, which gives a free lateral movement. The combination of these two contrivances confers on the point and the tent attached to it all the range of movement of a ball and socket joint, and enables the tent to find its way easily and without violence through the cervix. It possesses an additional advantage of permitting the introduction to be made without the aid of a speculum."

|                                     |  |   |    |   |
|-------------------------------------|--|---|----|---|
| Sims' Sponge Tent Forceps . . . . . |  | 0 | 15 | 0 |
|-------------------------------------|--|---|----|---|



FIG. 396.

|                                                                                                              | £ | s. | d. |
|--------------------------------------------------------------------------------------------------------------|---|----|----|
| Dr. Greenhalgh's Expanding and Self-retaining Tubular, vulcanite and metallic, Intra-uterine Stems, Fig. 396 | 0 | 4  | 0  |

Possess the following advantages:—Ease of introduction, allow the secretions of the cavity of the uterus to pass through, not liable to slip out, by pressure against the cut surfaces after division of the cervix uteri, prevent hæmorrhage, can be retained for any period; incorrosive, and avoid the necessity for local dressings.

|                                                             |   |   |   |
|-------------------------------------------------------------|---|---|---|
| Introducer for ditto                                        | 0 | 3 | 6 |
| Ditto plated, in ivory handle                               | 0 | 6 | 0 |
| Dr. Greenhalgh's perforated Vulcanite Stems, 6 sizes . each | 0 | 3 | 0 |

Advantages:—Facility of introduction, escape of uterine secretions, incorrosive.

|                                                               |        |     |       |
|---------------------------------------------------------------|--------|-----|-------|
| Introducer for ditto                                          | 0      | 3   | 6     |
| Ditto plated, in ivory handle                                 | 0      | 5   | 0     |
| Sir J. Simpson's German-silver Stems                          | 3s.    | 6d. | 0 5 0 |
| Set of ditto, in case                                         | 2      | 5   | 0     |
| Dr. H. Bennett's Silver Stems                                 | 5s. to | 0   | 7 6   |
| Set of ditto, in case                                         | 2      | 17  | 6     |
| Dr. Greenhalgh's jointed Intra-uterine Stem, for ante flexion | 0      | 7   | 6     |

Pessaries, see pages 72 and 73.  
 Dr. Greenhalgh's flexible india-rubber self-retaining Intra-uterine, perforated Stems, for flexions and strictures of the uterus

|  |   |   |   |
|--|---|---|---|
|  | 0 | 3 | 0 |
|--|---|---|---|

|                                                    |   |    |   |
|----------------------------------------------------|---|----|---|
| Female Catheters, see pages 66, 67 and 70.         |   |    |   |
| Dr. J. B. Brown's Scissors for dividing the cervix | 0 | 10 | 6 |
| Dr. M. Sims' ditto ditto                           | 0 | 10 | 6 |
| Ditto blunt-pointed Knife ditto                    | 0 | 17 | 6 |

|                                      |   |    |   |
|--------------------------------------|---|----|---|
| Chloroform Inhalers, see page 133.   |   |    |   |
| Simpson's Exploring Trocar, Silver   | 0 | 10 | 6 |
| Hall's flexible Silver Uterine Probe | 0 | 7  | 0 |

Dr. H. Bennett's Uterine case, containing Simpson's Uterine Sound, cross-action Forceps, Sponge Tent Introducer, Caustic Case, Potassa Fusa or Lint Holder; the set complete

|  |   |   |   |
|--|---|---|---|
|  | 2 | 2 | 0 |
|--|---|---|---|

|                                            |   |    |   |
|--------------------------------------------|---|----|---|
| Speculum Caustic Holder, with ebony handle | 0 | 5  | 0 |
| Ditto Lint Holder                          | 0 | 4  | 0 |
| Ditto Scarifying Lancet                    | 0 | 4  | 0 |
| Ellis's Caustic Holder                     | 0 | 18 | 0 |



FIG. 397.

|                                            |         |
|--------------------------------------------|---------|
|                                            | £ s. d. |
| Uterine Polypi Forceps, Fig. 397 . . . . . | 0 8 6   |

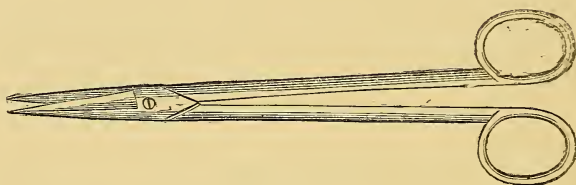


FIG. 398.

|                                                                                              |               |
|----------------------------------------------------------------------------------------------|---------------|
| Uterine Scissors, Fig. 398 . . . . .                                                         | 0 6 6         |
| Dr. Hall's Syringe, with tapering Silver Tube, for injecting<br>the neck of uterus . . . . . | 0 15 0        |
| Aveling's Polyptrite for uterine polypus . . . . .                                           | 1 10 0        |
| Brown's Directors, electro-plated . . . . .                                                  | 0 5 0         |
| Cauterizing Irons . . . . .                                                                  | 3s. 6d. 0 6 0 |



FIG. 399.

|                                                                  |        |
|------------------------------------------------------------------|--------|
| Improved Speculum Forceps, with cross action, Fig. 399 . . . . . | 0 15 0 |
| Double-curve Scissors, for removing polypi uteri . . . . .       | 0 10 6 |
| Single-curve ditto ditto . . . . .                               | 0 7 0  |



FIG. 400.

|                                                   |       |
|---------------------------------------------------|-------|
| Uterine Scissors, blunt point, Fig. 400 . . . . . | 0 6 6 |
|---------------------------------------------------|-------|

|                                                                                               | £ | s. | d. |
|-----------------------------------------------------------------------------------------------|---|----|----|
| Sims' Hooks, various . . . . .                                                                | 0 | 6  | 6  |
| Ditto Tampon Holder . . . . .                                                                 | 0 | 17 | 6  |
| Speculums, see pages 127 to 130 and 57.                                                       |   |    |    |
| Curved Tubular Needles, for lacerated perinæum . . . . .                                      | 0 | 7  | 6  |
| Sims' Tubular Needle . . . . .                                                                | 0 | 4  | 6  |
| Simpson's ditto . . . . .                                                                     | 0 | 4  | 6  |
| Sims' Revolving Scalpel, with ball and socket joint, to fix at any angle required . . . . .   | 1 | 1  | 0  |
| Sims' Sigmoid Silver Catheter . . . . .                                                       | 0 | 6  | 0  |
| Pretty's Uterine Compress . . . . .                                                           | 1 | 10 | 0  |
| Dr. Tilt's Uterine Curette . . . . .                                                          | 0 | 6  | 6  |
| Straight Forceps, for securing the bar clamp . . . . .                                        | 0 | 4  | 0  |
| Curved ditto ditto . . . . .                                                                  | 0 | 4  | 0  |
| Forceps with Tenaculum points, for Clitorodectomy . . . . .                                   | 0 | 5  | 0  |
| Set of three Knives in morocco case, for paring the edges in vesico-vaginal fistula . . . . . | 0 | 17 | 6  |

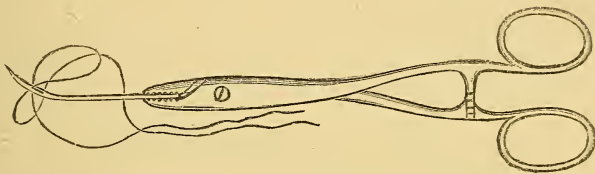


FIG. 401.

|                                                                                                                                                                                                                                                                                                                                                                        |   |    |   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|----|---|
| Needle-holding Forceps, Fig. 401 . . . . .                                                                                                                                                                                                                                                                                                                             | 0 | 5  | 0 |
| Syphon Douche, with elastic tube, for injecting perchloride of iron in post partum hæmorrhage . . . . .                                                                                                                                                                                                                                                                | 0 | 9  | 6 |
| Vulsellum Forceps, with rack . . . . .                                                                                                                                                                                                                                                                                                                                 | 0 | 10 | 6 |
| Gooch's Silver Canula, for polypus uteri . . . . .                                                                                                                                                                                                                                                                                                                     | 1 | 1  | 0 |
| Ditto with German-silver rack . . . . .                                                                                                                                                                                                                                                                                                                                | 1 | 6  | 0 |
| Ditto complete, with cog-wheel . . . . .                                                                                                                                                                                                                                                                                                                               | 1 | 10 | 0 |
| Dr. H. Bennett's cross-jointed Speculum Forceps . . . . .                                                                                                                                                                                                                                                                                                              | 0 | 5  | 0 |
| Ditto ditto plated . . . . .                                                                                                                                                                                                                                                                                                                                           | 0 | 8  | 6 |
| Ditto ditto gilt . . . . .                                                                                                                                                                                                                                                                                                                                             | 0 | 10 | 0 |
| Complete set of Instruments, in mahogany case, for Vesico- and Recto-Vaginal Fistula:—Sims' duck-bill Speculum, curved Knife (right), curved Knife (left), straight Knife, two Knives (double edge), curved Scissors, two tubular Needles, Wire Twister, fine Hook, fine Fork, two pairs Vulsellum Forceps, spring Tenaculum Forceps. The above set complete . . . . . | 6 | 6  | 0 |

## OVARIOTOMY INSTRUMENTS.

|                                                                               | £ | s. | d. |
|-------------------------------------------------------------------------------|---|----|----|
| Spencer Wells' Ovariotomy syphon Trocar, with side branch,<br>small . . . . . | 1 | 7  | 6  |
| Ditto ditto ditto medium . . . . .                                            | 1 | 12 | 6  |
| Ditto ditto ditto large . . . . .                                             | 2 | 0  | 0  |
| Spencer, Wells' syphon tubular Trocar . . . . .                               | 1 | 7  | 6  |
| Ditto ditto with hooks for securing<br>the tumour . . . . .                   | 2 | 2  | 0  |
| Spencer Wells' long Forceps, serrated mouth . . . . .                         | 0 | 13 | 0  |
| Mathieu's cross-action Forceps . . . . .                                      | 0 | 16 | 0  |
| Ovariotomy Hook, in ebony handle . . . . .                                    | 0 | 6  | 0  |
| Spencer Wells' Clamp, with circular clip, to impinge the<br>pedicle . . . . . | 3 | 10 | 0  |
| Ditto ditto for grasping the pedicle . . . . .                                | 1 | 10 | 0  |
| Hutchinson's Ovariotomy Clamp . . . . .                                       | 0 | 17 | 6  |
| World's ditto . . . . .                                                       | 0 | 15 | 0  |
| Baker Brown's ditto . . . . .                                                 | 1 | 15 | 0  |
| Ditto Cautery Irons . . . . .                                                 | 0 | 4  | 6  |
| Fenestrated Tumour Forceps . . . . .                                          | 0 | 12 | 0  |

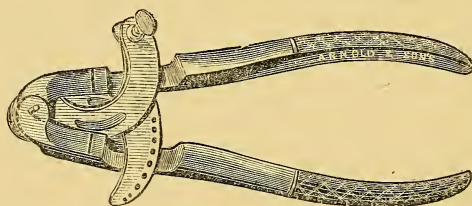


FIG. 402.

|                                                                                       |   |    |   |
|---------------------------------------------------------------------------------------|---|----|---|
| Spencer Wells' Improved Clamp, with Forceps and three<br>Clamps, Fig. 402 . . . . .   | 3 | 0  | 0 |
| Morocco case, containing Clamp, syphon Trocar, and two<br>Cauterizing Irons . . . . . | 2 | 10 | 0 |

## INSTRUMENTS FOR THE EAR AND NOSE.

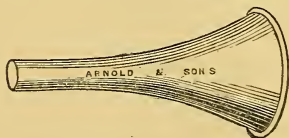


FIG. 403.



FIG. 404.

|                                                                      |   |    |   |
|----------------------------------------------------------------------|---|----|---|
| Toynbee's Ear Speculum, the set of three, plated, Fig. 403 . . . . . | 0 | 10 | 6 |
|----------------------------------------------------------------------|---|----|---|

|                                                                  | £ | s. | d. |
|------------------------------------------------------------------|---|----|----|
| Toynbee's Ear Speculum, the set of three, stout Silver . . . . . | 0 | 19 | 6  |
| Wilde's Ear Speculum, plated, Fig. 404 . . . . .                 | 0 | 8  | 6  |
| Ditto                   stout Silver . . . . .                   | 0 | 16 | 0  |

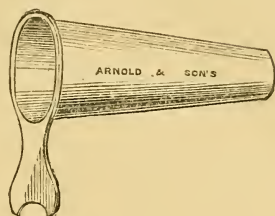


FIG. 405.

|                                                               |   |    |   |
|---------------------------------------------------------------|---|----|---|
| Yearsley's Ear Speculum, plated, Fig. 405 . . . . .           | 0 | 10 | 6 |
| Ditto                   stout Silver . . . . .                | 0 | 19 | 6 |
| Arnold and Sons' screw-lever Ear Speculum, Fig. 406 . . . . . | 0 | 9  | 0 |

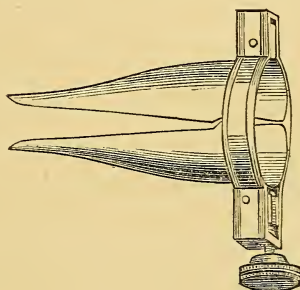


FIG. 406.

|                                                                                                       |   |    |   |
|-------------------------------------------------------------------------------------------------------|---|----|---|
| Brunton's Auroscope, with three Speculums, complete in case                                           | 1 | 7  | 6 |
| Hinton's compound Auroscope, with lamp complete, for examining the ear . . . . .                      | 3 | 5  | 0 |
| Weber's Auroscope, with reflecting Mirror, bi-convex lens, and three Ear Speculums, in case . . . . . | 1 | 10 | 6 |
| Arnold and Sons' spring Ear Speculum . . . . .                                                        | 0 | 10 | 6 |
| Kramer's Ear Speculum . . . . .                                                                       | 0 | 7  | 6 |
| Pilcher's ditto . . . . .                                                                             | 0 | 8  | 6 |
| Turner's ditto the set of three, plated . . . . .                                                     | 0 | 10 | 6 |
| Ditto ditto ditto Silver . . . . .                                                                    | 0 | 19 | 6 |
| Ivory ditto three sizes, in case complete . . . . .                                                   | 0 | 10 | 6 |
| Kramer's Silver Eustachian Catheter . . . . .                                                         | 0 | 6  | 0 |
| Pilcher's ditto . . . . .                                                                             | 0 | 8  | 0 |
| Arnold's fenestrated Ear Forceps . . . . .                                                            | 0 | 7  | 0 |
| Hillman's bent ditto . . . . .                                                                        | 0 | 5  | 0 |

|                                                                                                                                                                                                                                                                                              | £ | s. | d. |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|----|----|
| Wilde's Ear Forceps . . . . .                                                                                                                                                                                                                                                                | 0 | 5  | 6  |
| Avery's ditto . . . . .                                                                                                                                                                                                                                                                      | 0 | 16 | 0  |
| Liston's Ear Scoop . . . . .                                                                                                                                                                                                                                                                 | 0 | 2  | 6  |
| Imray's ditto with fenestrated mouth . . . . .                                                                                                                                                                                                                                               | 0 | 2  | 6  |
| M. Leroy D'Etiolle's instrument for Extracting foreign bodies<br>from the ear . . . . .                                                                                                                                                                                                      | 1 | 1  | 0  |
| Toynbee's Artificial Tympanum . . . . .                                                                                                                                                                                                                                                      | 0 | 1  | 0  |
| Morocco case, lined silk velvet, containing three Silver Ear<br>Speculums; three Eustachian Catheters, silver; extra<br>large Reflector, with metal swing frame and adjusting<br>screw, to arrange at any angle; Universal Handle for<br>ditto; pair Ear Forceps. The set complete . . . . . | 3 | 10 | 0  |
| Arnold and Sons' Registered Ear Syringe, with reversible<br>pipe and cap . . . . .                                                                                                                                                                                                           | 0 | 3  | 6  |
| Syphon Ear Syringe, with glass receiver and waste pipe,<br>complete in leather case . . . . .                                                                                                                                                                                                | 0 | 8  | 0  |
| Lund's Ear Douche, complete . . . . .                                                                                                                                                                                                                                                        | 1 | 1  | 0  |
| Syphon Ear Syringe, with brass mounts, in leather case . . . . .                                                                                                                                                                                                                             | 0 | 4  | 6  |
| Marshall's Ear Syphon, with extra pipe for nose . . . . .                                                                                                                                                                                                                                    | 0 | 6  | 6  |
| Ear Syringe, india-rubber, 1 oz. . . . .                                                                                                                                                                                                                                                     | 0 | 1  | 6  |
| Ditto ditto 2 oz. . . . .                                                                                                                                                                                                                                                                    | 0 | 2  | 0  |
| Brass Ear Syringe, plain, 1 oz. . . . .                                                                                                                                                                                                                                                      | 0 | 2  | 6  |
| Ditto best quality, 1 oz. . . . .                                                                                                                                                                                                                                                            | 0 | 4  | 6  |
| Ditto ditto 2 oz. . . . .                                                                                                                                                                                                                                                                    | 0 | 5  | 6  |
| Ditto ditto 4 oz. . . . .                                                                                                                                                                                                                                                                    | 0 | 8  | 0  |
| Metal Ear Syringe, 2 oz. . . . .                                                                                                                                                                                                                                                             | 0 | 1  | 6  |
| Brass Ear Syringe, with extra large rim, 1 oz. . . . .                                                                                                                                                                                                                                       | 0 | 6  | 0  |
| Ditto ditto 2 oz. . . . .                                                                                                                                                                                                                                                                    | 0 | 8  | 0  |
| Ditto ditto 4 oz. . . . .                                                                                                                                                                                                                                                                    | 0 | 10 | 0  |
| Ditto portable, containing (in the piston rod)<br>three ivory pipes, 4 oz. . . . .                                                                                                                                                                                                           | 0 | 10 | 0  |
| Ditto ditto with brass rings<br>for fingers (can be used with one hand) and fitted with<br>Toynbee's or Abernethy's pipe, in leather case, 1 oz. . . . .                                                                                                                                     | 0 | 10 | 0  |
| Ditto ditto 2 oz. . . . .                                                                                                                                                                                                                                                                    | 0 | 12 | 0  |
| Ditto ditto 4 oz. . . . .                                                                                                                                                                                                                                                                    | 0 | 14 | 6  |
| Case containing 4 oz. brass Ear Syringe, spring Ear Channel,<br>and plated Ear Speculum . . . . .                                                                                                                                                                                            | 1 | 1  | 0  |
| Hearing Trumpet, plain . . . . .                                                                                                                                                                                                                                                             | 0 | 2  | 6  |
| Ditto ditto, to slide . . . . .                                                                                                                                                                                                                                                              | 0 | 3  | 6  |



Fig. 407.

Ditto ditto, with two slides, as Fig. 407 . . . . . 0 6 6

|                                      | £    | s. | d.  |
|--------------------------------------|------|----|-----|
| Hearing Trumpet, vulcanite . . . . . | 3s., | 0  | 5 6 |



FIG. 408.

|                                              |        |   |      |
|----------------------------------------------|--------|---|------|
| Curtis's Hearing Trumpet, Fig. 408 . . . . . | 8s. to | 0 | 14 0 |
|----------------------------------------------|--------|---|------|



FIG. 409.

|                                     |        |   |      |
|-------------------------------------|--------|---|------|
| Martineu's ditto Fig. 409 . . . . . | 9s. to | 0 | 14 0 |
|-------------------------------------|--------|---|------|



FIG. 410.

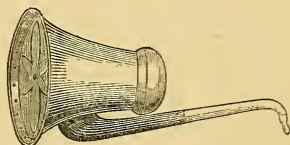


FIG. 411.

|                                                             |   |    |   |
|-------------------------------------------------------------|---|----|---|
| Curtis's Portable Hearing Trumpet, Fig. 410 . . . . .       | 0 | 9  | 6 |
| Portable Hearing Trumpet, very powerful, Fig. 411 . . . . . | 0 | 9  | 6 |
| Hearing Cornets . . . . . per pair, 9s. to                  | 0 | 14 | 0 |

These Instruments are arranged by means of a sliding spring, which can be at once adjusted to the size required.

|                                               |                     |   |      |
|-----------------------------------------------|---------------------|---|------|
| Flexible Conversation Tubes, common . . . . . | 0                   | 5 | 0    |
| Ditto with elastic spiral wire tubing,        |                     |   |      |
| covered mohair and ebony mounts . . . . .     | 7s. 6d., 9s. 6d.,   | 0 | 12 6 |
| Ditto tube silk covered, 9s., 12s. 6d.,       |                     | 0 | 15 0 |
| Ditto with best quality ivory mounts,         | 12s. 6d., 15s. 6d., | 0 | 18 6 |

|                                                           |          |   |     |
|-----------------------------------------------------------|----------|---|-----|
| Arnold and Sons' Improved, with extra large ivory mounts  |          |   |     |
| and conical tube, collecting and conveying the sound more |          |   |     |
| distinctly . . . . .                                      | 21s.,    | 1 | 5 0 |
| Ear Channel, with rubber band . . . . .                   |          | 0 | 2 0 |
| Ditto with head spring . . . . .                          |          | 0 | 4 0 |
| Syringe for injecting the nose . . . . .                  |          | 0 | 2 6 |
| Heath's Syphon Douche for injecting the nose . . . . .    | 3s. 6d., | 0 | 7 6 |

|                                                                                 | £ | s. | d. |
|---------------------------------------------------------------------------------|---|----|----|
| Kramer's elastic Nasal Catheter . . . . .                                       | 0 | 3  | 0  |
| Ditto set of three° Nasal Catheters, with bottle, complete<br>in case . . . . . | 0 | 12 | 3  |
| Bellocoq's Canula for epistaxis, with spring, plated . . . . .                  | 0 | 6  | 0  |
| Ditto ditto Silver . . . . .                                                    | 0 | 7  | 6  |

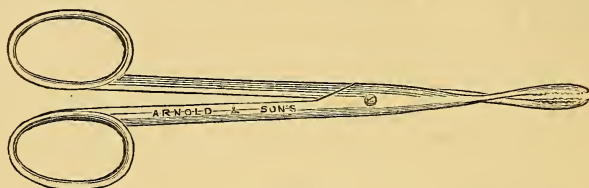


FIG. 412.

|                                     |   |    |   |
|-------------------------------------|---|----|---|
| Polypus Forceps, Fig. 412 . . . . . | 0 | 5  | 0 |
| Ditto improved, with rack . . . . . | 0 | 9  | 6 |
| Wylde's Polypus Snare . . . . .     | 0 | 14 | 6 |

### ELASTIC ENEMAS.

Arnold and Sons' Improved Portable Enema, Registered, as Fig. 353.

|       |       |       |        |        |                           |
|-------|-------|-------|--------|--------|---------------------------|
| 2 oz. | 4 oz. | 8 oz. | 12 oz. | 16 oz. |                           |
| 3/6   | 4/6   | 5/-   | 5/9    | 7/6    | fitted with brass mounts. |
| 3/-   | 3/9   | 4/6   | 5/-    | 7/-    | fitted with metal mounts. |

*Vide Lancet*, August 26th, 1871; *British Medical Journal*, August 26th, 1871; *Medical Times and Gazette*, August 19th, 1871; *Medical Press and Circular*, August 31st, 1871.

Elastic Enemas, of very superior india-rubber,—

|       |        |        |        |        |
|-------|--------|--------|--------|--------|
| 1 oz. | 2 oz.  | 3 oz.  | 4 oz.  | 6 oz.  |
| 2/-   | 2/3    | 3/-    | 3/9    | 4/3    |
| 8 oz. | 10 oz. | 12 oz. | 14 oz. | 16 oz. |
| 4/9   | 5/3    | 5/6    | 6/-    | 6/6    |

Elastic Enemas, fitted with elastic gum Rectum Tube, and metal mounts,—

|       |        |        |        |        |
|-------|--------|--------|--------|--------|
| 1 oz. | 2 oz.  | 3 oz.  | 4 oz.  | 6 oz.  |
| 3/6   | 4/-    | 4/6    | 5/3    | 5/6    |
| 8 oz. | 10 oz. | 12 oz. | 14 oz. | 16 oz. |
| 6/-   | 6/6    | 7/3    | 7/6    | 8/-    |

## Arnold and Sons' Registered Elastic Vaginal Syringes,—

|       |       |        |        |                                 |
|-------|-------|--------|--------|---------------------------------|
| 4 oz. | 8 oz. | 12 oz. | 16 oz. |                                 |
| 5/-   | 5/6   | 6/3    | 8/-    | fitted with brass mounts.       |
| 4/6   | 5/-   | 5/6    | 7/6    | fitted with white metal mounts. |

## Elastic Vaginal Syringes, of very superior india-rubber, fitted with brass mounts,—

|       |       |       |        |        |        |        |
|-------|-------|-------|--------|--------|--------|--------|
| 4 oz. | 6 oz. | 8 oz. | 10 oz. | 12 oz. | 14 oz. | 16 oz. |
| 4/9   | 5/3   | 5/9   | 6/3    | 6/6    | 7/-    | 7/6    |

## Elastic Vaginal Syringes (Dr. Bird's), fitted with brass mounts and elastic gum vaginal tube,—

|       |       |        |        |
|-------|-------|--------|--------|
| 4 oz. | 8 oz. | 12 oz. | 16 oz. |
| 5/-   | 5/6   | 6/6    | 7/6    |

## Children's Elastic Syringes,—

|       |        |       |       |
|-------|--------|-------|-------|
| 1 oz. | 1½ oz. | 2 oz. | 3 oz. |
| 1/3   | 1/6    | 2/-   | 3/-   |

|                                                                                                             | £ | s. | d. |
|-------------------------------------------------------------------------------------------------------------|---|----|----|
| Vaginal Syringe, with stopcock and elastic pipe . . . . .                                                   | 0 | 12 | 0  |
| Ditto ditto and two pipes . . . . .                                                                         | 0 | 13 | 6  |
| Elastic Urethral Syringe (Arnold and Sons' Registered),<br><i>vide Lancet</i> , August 26th, 1871 . . . . . | 0 | 3  | 6  |
| Elastic Urethral Syringe, plain, 1 oz. . . . .                                                              | 0 | 1  | 6  |
| Ditto ditto, 2 oz. . . . .                                                                                  | 0 | 2  | 6  |
| Ditto with elastic gum tube . . . . .                                                                       | 0 | 1  | 6  |
| Durham's Urethral Syringe, with vulcanite tube, complete . . . . .                                          | 0 | 6  | 6  |
| Marshall's ditto ditto . . . . .                                                                            | 0 | 7  | 0  |
| Elastic Hydrocele Syringe, with stopcock . . . . .                                                          | 0 | 7  | 6  |

## URINOMETERS, TEST-GLASSES, ETC.

|                                                                                                                                                                                                                                                                                                                                                                                                         |   |    |   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|----|---|
| Beale's Urinary Cabinet, containing Urinometer, graduated measure, pipette; Precipitate Washer; Stirring Rod; Watch Glasses; Test Tubes; Tube Holder; Test Papers; Microscopic Slides; thin Glass; Glass Spirit Lamp, with wire ring; eight Capped Bottles, for the following reagents: Nitric Acid, Acetic Acid, Ammonia, Potash, Nitrate Barytes, Nitrate Silver, Oxalate Ammonia. Complete . . . . . | 2 | 5  | 0 |
| Prout's Urinometer Case, containing Urinometer, Trial Glass, Thermometer, Test Tubes, Spirit Lamp (capped), three Bottles (capped), and Glass Pipette. Complete, Fig. 413 . . . . .                                                                                                                                                                                                                     | 1 | 9  | 0 |
| Mahogany Case, containing Urinometer, Trial Glass, Test Tubes, Thermometer, three large Capped Bottles for acids, Spirit Lamp Capped, Pipette, Litmus and Turmeric Papers. Complete . . . . .                                                                                                                                                                                                           | 1 | 17 | 6 |
| Leather Case, containing Urinometer and Trial Glass . . . . .                                                                                                                                                                                                                                                                                                                                           | 0 | 7  | 6 |

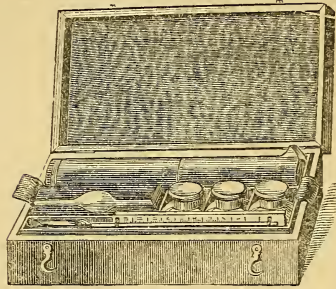


FIG. 413.

|                                                                             | £ | s. | d. |
|-----------------------------------------------------------------------------|---|----|----|
| Morocco Case, containing Urinometer, Thermometer, and Graduated Trial Glass | 0 | 13 | 0  |
| Ditto ditto with Test Tubes, Litmus and Turmeric Paper                      | 0 | 15 | 6  |
| Glass Urinometer                                                            | 0 | 3  | 6  |
| Metal ditto electro-gilt                                                    | 0 | 12 | 6  |
| Ditto ditto in case                                                         | 0 | 13 | 6  |
| Silver ditto ditto                                                          | 0 | 4  | 0  |
| Thermometer, superior                                                       | 0 | 4  | 6  |
| Graduated Test Glass                                                        | 0 | 1  | 3  |
| Ditto with feet                                                             | 0 | 1  | 6  |
| Litmus Papers                                                               | 0 | 0  | 2  |
| Turmeric ditto                                                              | 0 | 0  | 2  |
| Test Tubes                                                                  | 0 | 0  | 8  |
| Patent Vulcanite Urinometers                                                | 0 | 7  | 6  |
| Ditto with Graduated Trial Glass, complete in case                          | 0 | 12 | 6  |
| Coddington's Lenses, very superior, in metal frames, 7s. 6d.,               | 0 | 10 | 6  |
| Stanhope Lenses, in ivory 4s.,                                              | 0 | 5  | 0  |

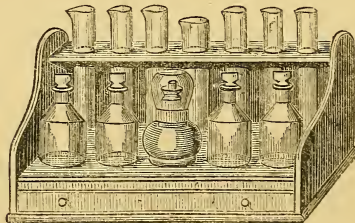


FIG. 414.

Arnold and Sons' mahogany Urinary Stand, with drawer, containing four stoppered Bottles, Spirit Lamp, six Test Tubes, Trial Glass, Urinometer, Litmus and Turmeric Papers, &c., Fig. 414 . . . . . 1 1 0

£ s. d.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |   |   |   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|
| Arnold and Sons' mahogany Test Stand, containing Urinometer, Trial Glass, Thermometer, Chalk's Drop Bottle, Pipette, Stirring Rod, Watch Glasses, Microscopic Slides, Thin Glass, six Test Tubes, Tube Holder, glass Spirit Lamp, seven stoppered Bottles for the following re-agents : Nitric Acid, Acetic Acid, Potash, Nitrate of Barytes, Ammonia, Oxalate of Ammonia and Nitrate of Silver, brass Forceps, platinum Foil and Wire, Blowpipe, Litmus and Turmeric Papers, &c. . . . . | 2 | 0 | 0 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|

### TREPHINING, NECROSIS AND RESECTION INSTRUMENTS.

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |    |   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|---|
| Mahogany Case, containing two Trephines (large and small), Hey's Skull Saw, Elevator and Skull Forceps, strong Scalpel (scale tang), Trepine Brush. The set complete .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2  | 2  | 0 |
| Superior Mahogany Case, brass bound and lined silk velvet, containing three superior Trephines, Hey's Skull Saw, Elevator and Skull Forceps, strong Scalpel (scale tang), Trepine Brush. The set complete . . . . .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 3  | 0  | 0 |
| Mahogany Necrosis Case, brass bound, lined silk velvet, containing Ferguson's Saw (folding back), Chain Saw, two pairs Ferguson's bone Forceps, three Hey's Skull Saws, Ferguson's Lion Forceps, straight Necrosis Forceps, curved Necrosis Forceps, curved Gouge, Gouge Forceps, two straight Gouges, two Marshall's Osteotribes, Necrosis Trepine, blunt and sharp Hooks, three Scalpels, Scale tang Scalpel. The set complete . . . . .                                                                                                                                                                                                                                                                                           | 8  | 8  | 0 |
| Complete Case in mahogany, brass bound and lined silk velvet, for Amputating, Trepanning, and Necrosis, containing Butcher's Saw with spare blade, Amputating Saw, Ferguson's Saw with folding back, straight Ferguson's Bone Forceps, curved ditto ditto, Ferguson's Lion Forceps, two Gouges broad and narrow, pair Gouge Forceps, Marshall's Osteotribe, Chisel, two Trephines, Necrosis Trepine, two Necrosis Forceps, Hey's Skull Saw, Lenticular, two Elevators, Skull Forceps, Trepine Brush, three Amputating Knives, Catlin, two Finger Knives, strong Scalpel, three Scalpels, Liston's Artery Forceps, Spring Forceps, two Dieffenbach's Artery Forceps, Tenaculum, Tourniquet, Needles, Silk. The set complete . . . . . | 14 | 0  | 0 |
| Trepine, small, medium, and large. . . . . each                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0  | 10 | 0 |
| Semi-circular Trepine . . . . .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0  | 10 | 0 |
| Two Trephines, fitting one handle (ebony) . . . . .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0  | 17 | 6 |
| Ditto in ivory handle . . . . .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1  | 1  | 0 |

|                                                            | £    | s.  | d. |
|------------------------------------------------------------|------|-----|----|
| Three Trephines, fitting one handle (ebony)                | 1    | 5   | 6  |
| Ditto in ivory                                             | 1    | 9   | 0  |
| Luer's Gouge Forceps, for resection                        | 0    | 12  | 0  |
| Hoffman's ditto ditto                                      | 0    | 8   | 0  |
| Ditto ditto curved, ditto                                  | 0    | 18  | 0  |
| Butcher's Saw, for excision                                | 1    | 15  | 0  |
| Chain Saw                                                  | 1    | 15  | 0  |
| Ditto very superior                                        | 2    | 0   | 0  |
| Sir W. Ferguson's straight Bone Forceps, circular joints   | 0    | 10  | 6  |
| Ditto curved ditto ditto                                   | 0    | 10  | 6  |
| Ditto oblique ditto ditto                                  | 0    | 10  | 6  |
| Liston's Bone Forceps 7s. 6d., 8s. 6d., 9s. 6d., 11s. 6d., | 0    | 13  | 6  |
| Ditto curved                                               | 0    | 15  | 6  |
| Ditto cross-cut                                            | 0    | 15  | 6  |
| Bone Forceps, small plain joint                            | 0    | 5   | 0  |
| Sir W. Ferguson's Lion Forceps                             | 7s.  | 6d. | 0  |
| Elevators, plain                                           | 0    | 3   | 0  |
| Ditto with handle                                          | 0    | 3   | 6  |
| Chisels, straight (various)                                | 0    | 2   | 6  |
| Gouges, straight                                           | 0    | 2   | 6  |
| Ditto curved, right and left                               | each | 0   | 3  |
| Necrosis Forceps, plain straight                           | 0    | 5   | 6  |
| Ditto curved                                               | 0    | 4   | 6  |
| Ditto double joints                                        | 0    | 7   | 6  |
| Hey's Skull Saw                                            | 0    | 5   | 0  |
| Skull Forceps                                              | 0    | 4   | 6  |
| Strong Scalpel                                             | 0    | 2   | 6  |
| Jaw Saw, with blades of various widths                     | 0    | 5   | 0  |
| Ditto ditto jointed back                                   | 0    | 8   | 6  |
| Antrum Perforator                                          | 4s.  | 0   | 6  |
| Marshall's Osteotomes, three sizes, in case complete       | 0    | 15  | 6  |
| Lenticulars                                                | 0    | 4   | 6  |
| Liston's Screw Probe                                       | 0    | 3   | 0  |

### SYRINGES, METAL AND GLASS.

Glass Syringes, Male or Female, best quality, per dozen,—

|                   |                   |       |                    |       |       |       |
|-------------------|-------------------|-------|--------------------|-------|-------|-------|
| $\frac{1}{4}$ oz. | $\frac{1}{2}$ oz. | 1 oz. | $1\frac{1}{2}$ oz. | 2 oz. | 3 oz. | 4 oz. |
| 3/-               | 3/6               | 5/-   | 7/6                | 10/6  | 15/-  | 20/-  |

Male or Female Syringes, glass, in best boxwood cases,—

|                   |                   |       |                    |       |       |       |
|-------------------|-------------------|-------|--------------------|-------|-------|-------|
| $\frac{1}{4}$ oz. | $\frac{1}{2}$ oz. | 1 oz. | $1\frac{1}{2}$ oz. | 2 oz. | 3 oz. | 4 oz. |
| 8/-               | 10/-              | 14/6  | 17/6               | 22/-  | 30/-  | 48/-  |

Glass Syringes, Male or Female, best quality, in strong leather cases,—

|                   |                   |       |                    |       |
|-------------------|-------------------|-------|--------------------|-------|
| $\frac{1}{4}$ oz. | $\frac{1}{2}$ oz. | 1 oz. | $1\frac{1}{2}$ oz. | 2 oz. |
| 6/6               | 8/6               | 12/-  | 15/6               | 18/-  |

|                                                                     |       |       |       |       | £        | s. | d.  |
|---------------------------------------------------------------------|-------|-------|-------|-------|----------|----|-----|
| Clark's Glass Female Syringe . . . . .                              |       |       |       |       | 2s. 6d., | 0  | 3 0 |
| Vance's ditto . . . . .                                             |       |       |       |       | 1s. 6d., | 0  | 2 0 |
| Hamilton's ditto . . . . .                                          |       |       |       |       | 2s. 6d., | 0  | 3 0 |
| Metal Male or Female Syringes, best quality,—                       |       |       |       |       |          |    |     |
| ¼ oz.                                                               | ½ oz. | 1 oz. | 2 oz. | 3 oz. |          |    |     |
| 3/-                                                                 | 4/-   | 5/-   | 9/-   | 12/-  |          |    |     |
| Clark's Metal Female Syringe, 2 oz. . . . .                         |       |       |       |       | 0        | 1  | 6   |
| Ditto 4 oz. . . . .                                                 |       |       |       |       | 0        | 3  | 0   |
| Locock's Sponge Syringe . . . . .                                   |       |       |       |       | 0        | 3  | 6   |
| Hamilton's metal Female Syringe, 3 oz. . . . .                      |       |       |       |       | 0        | 2  | 6   |
| Ditto 4 oz. . . . .                                                 |       |       |       |       | 0        | 3  | 6   |
| Metal Enema, best quality, 2 oz. . . . .                            |       |       |       |       | 0        | 2  | 0   |
| Ditto ditto 4 oz. . . . .                                           |       |       |       |       | 0        | 3  | 6   |
| Ditto ditto 8 oz. . . . .                                           |       |       |       |       | 0        | 6  | 0   |
| Ditto ditto 16 oz. . . . .                                          |       |       |       |       | 0        | 8  | 0   |
| Arnold and Sons' Improved brass Enemas, best quality, 4 oz. . . . . |       |       |       |       | 0        | 7  | 6   |
| Ditto ditto ditto 8 oz. . . . .                                     |       |       |       |       | 0        | 12 | 6   |
| Ditto ditto ditto 16 oz. . . . .                                    |       |       |       |       | 0        | 17 | 6   |
| Improved Brass Female Syringe with elastic pipe . . . . .           |       |       |       |       | 0        | 7  | 6   |

GALVANIC MACHINES.

|                                                     |  |  |  |  |   |   |   |
|-----------------------------------------------------|--|--|--|--|---|---|---|
| Electro-Magneto Machines, on marble stand . . . . . |  |  |  |  | 1 | 0 | 0 |
| Ditto ditto plated . . . . .                        |  |  |  |  | 1 | 5 | 0 |
| Ditto with all modern improvements,                 |  |  |  |  |   |   |   |
| in box complete . . . . .                           |  |  |  |  | 1 | 1 | 0 |

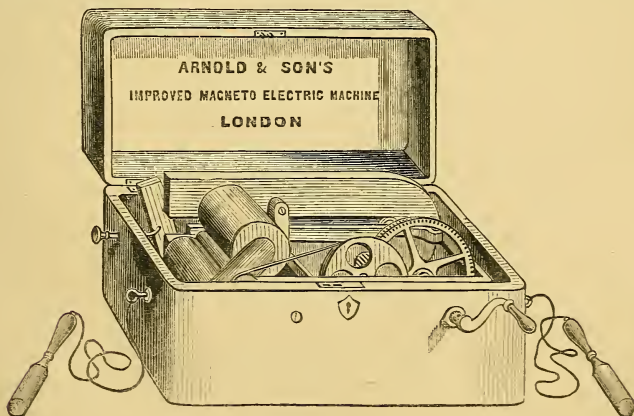


FIG. 415.

|                                                         |  |  |  |  |   |    |   |
|---------------------------------------------------------|--|--|--|--|---|----|---|
| Electro-Magneto Machines, with all modern improvements, |  |  |  |  |   |    |   |
| in mahogany case, very powerful, Fig. 415 . . . . .     |  |  |  |  | 1 | 10 | 0 |

|                                                                                                      |         |
|------------------------------------------------------------------------------------------------------|---------|
|                                                                                                      | £ s. d. |
| Electro-Magneto Machines, with all modern improvements,<br>in mahogany case, very powerful . . . . . | 1 15 0  |

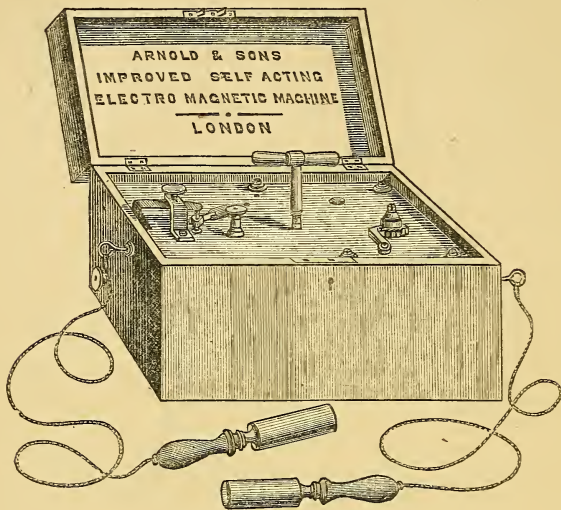


FIG. 416.

|                                                                                                |       |
|------------------------------------------------------------------------------------------------|-------|
| Arnold and Sons' improved self-acting Electro-magneto<br>Machine, complete, Fig. 416 . . . . . | 6 6 0 |
|------------------------------------------------------------------------------------------------|-------|

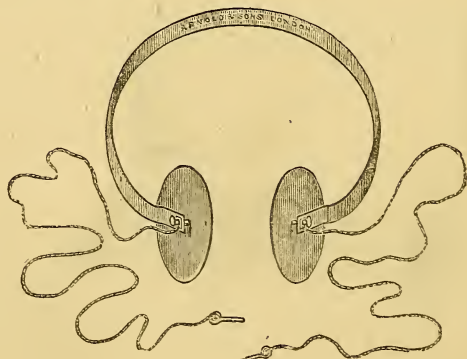


FIG. 417.

|                                                       |        |
|-------------------------------------------------------|--------|
| Mr. Cattlin's Apparatus for above, Fig. 417 . . . . . | 0 15 0 |
|-------------------------------------------------------|--------|

Extract from Mr. Cattlin's report in Vol. iii., No. 6, of Odontological Society:—  
 "A new Portable Battery, invented by Messrs. Arnold and Sons, of West Smith-  
 field. At my suggestion they have adapted a spring with two plates, for the purpose



## Daniel's Constant Battery

Consists of a cylindrical copper vessel, in which is placed a porous earthen tube, containing a rod of zinc amalgamated with mercury. Sulphuric acid one part to ten of water, which is to be put into the porous tube, and a saturated solution of sulphate of copper into the copper vessel.

|                                                                                                         |       |        |        | £ | s. | d. |
|---------------------------------------------------------------------------------------------------------|-------|--------|--------|---|----|----|
| A set of six Batteries, 6 × 3, in mahogany tray, with quantity and intensity connections, &c., complete |       |        |        | 2 | 10 | 0  |
| Ditto                                                                                                   | ditto | ditto  | 9 × 3  | 3 | 10 | 0  |
| Ditto                                                                                                   | ditto | ditto  | 12 × 3 | 5 | 10 | 0  |
| Daniel's Battery, copper cylinder, 6 × 3                                                                |       |        |        | 0 | 7  | 6  |
| Ditto                                                                                                   | ditto | 9 × 3  |        | 0 | 10 | 0  |
| Ditto                                                                                                   | ditto | 12 × 3 |        | 0 | 18 | 0  |

## Grove's Platinum Battery

Consists of a platinum plate placed into a flat porous earthen cell, surrounded with a double plate of amalgamated zinc, the whole enclosed in a porcelain vessel. Nitric acid is placed in the porous pot in contact with the platinum, and dilute sulphuric in contact with the zinc.

|                                                                                                                    |          |           |        |
|--------------------------------------------------------------------------------------------------------------------|----------|-----------|--------|
| A set of six Batteries, complete in mahogany tray                                                                  | 2        | 10        | 0      |
| Ditto eight ditto, with quantity and intensity connections                                                         | 5        | 0         | 0      |
| Grove's Nitric Acid Battery, with double amalgamated zinc plate, platinum plate, porous pot, and porcelain trough, | 7s. 6d., | 10s. 6d., | 0 12 6 |

## Bunsen's Battery

Consists of an earthen jar, into which is placed a hollow cylinder of zinc, and inside this a porous tube and carbon plate.

|                           |   |    |   |
|---------------------------|---|----|---|
| Bunsen's Battery, 4 × 3   | 0 | 5  | 0 |
| Ditto 5 × 3 $\frac{1}{4}$ | 0 | 6  | 6 |
| Ditto 7 × 3 $\frac{1}{4}$ | 0 | 8  | 6 |
| Ditto 9 × 4 $\frac{1}{4}$ | 0 | 12 | 6 |

## Bichromate Battery

Consists of a glass vessel containing two plates of carbon and one of zinc. Dissolve two ounces of bichromate of potash into one pint of water, using heat to hasten the solution, and when cold add one ounce of sulphuric acid.

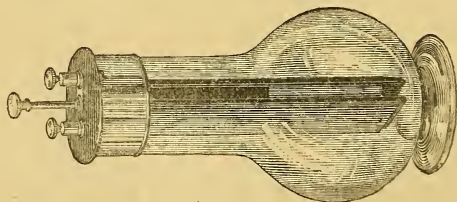


FIG. 419.

Bichromate Battery, No. 1, Fig. 419 . . . . . 0 12 6

|                                                                                                     | £  | s. | d. |
|-----------------------------------------------------------------------------------------------------|----|----|----|
| Bichromate Battery, No. 2 . . . . .                                                                 | 0  | 15 | 0  |
| Ditto            No. 3 . . . . .                                                                    | 1  | 0  | 0  |
| Dr. Emil Stoehrer's Constant Current Battery, with one cell,<br>in mahogany box, complete . . . . . | 4  | 10 | C  |
| Ditto           ditto           two cells . . . . .                                                 | 6  | 10 | 0  |
| Ditto           ditto           twenty elements . . . . .                                           | 8  | 8  | 0  |
| Ditto           ditto           thirty elements . . . . .                                           | 11 | 11 | 0  |
| Ditto           ditto           ditto           in                                                  |    |    |    |
| plain oak case . . . . .                                                                            | 8  | 8  | 0  |

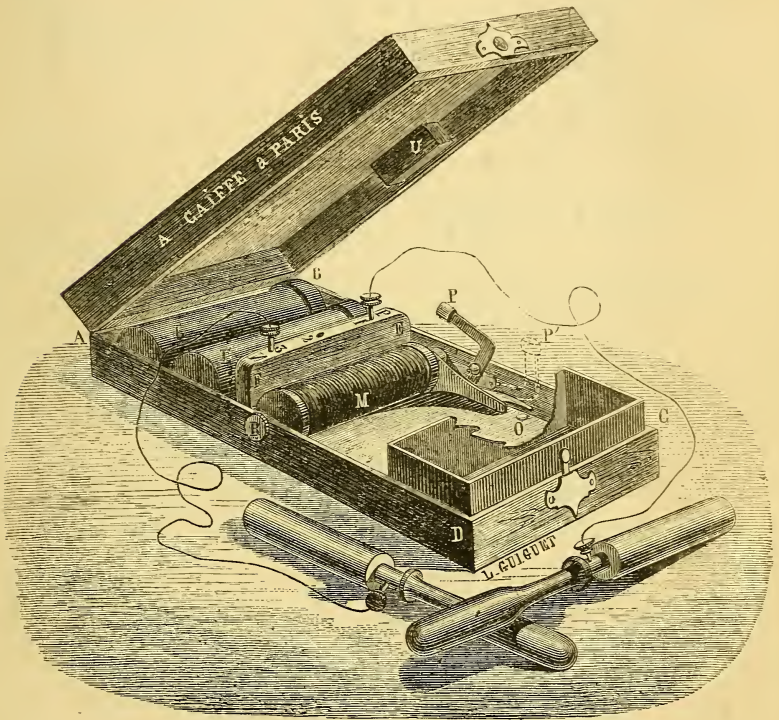


FIG 420.

|                                                                                 |   |    |   |
|---------------------------------------------------------------------------------|---|----|---|
| Gaiffe's Medical Battery, Fig 420, small size, in mahogany                      | 1 | 15 | 0 |
| Ditto, large size, in black box, with accessories nickelled                     | 3 | 10 | 0 |
| Ditto, small, in square mahogany box, for Hospital use .                        | 2 | 3  | 0 |
| Ditto, large,           ditto                                   ditto . . . . . | 3 | 10 | 0 |

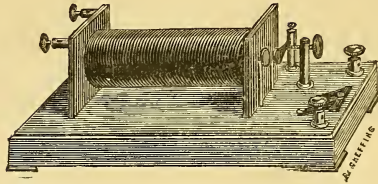


Fig. 421.

|                              |                           |                 | £ | s. | d. |   |
|------------------------------|---------------------------|-----------------|---|----|----|---|
| Ruhmkorff's Induction Coils, | $\frac{1}{8}$ -in. spark, | Fig. 421        | . | 0  | 16 | 0 |
| Ditto                        | ditto                     | with commutator | . | 0  | 19 | 6 |
| Ditto                        | $\frac{1}{4}$ -in. ditto  | ditto           | . | 1  | 10 | 0 |
| Ditto                        | $\frac{1}{2}$ -in. ditto  | "               | . | 2  | 14 | 0 |
| Ditto                        | 1-in. ditto               | "               | . | 5  | 10 | 0 |
| Ditto                        | 2-in. ditto               | "               | . | 11 | 0  | 0 |
| Ditto                        | $3\frac{1}{2}$ -in. ditto | "               | . | 16 | 0  | 0 |

Pulvèrmacher's Electric Chain Bands, see page 207.

INDIA-RUBBER BEDS, CUSHIONS,  
PILLOWS, &c.

The following are all made of very superior india-rubber :—

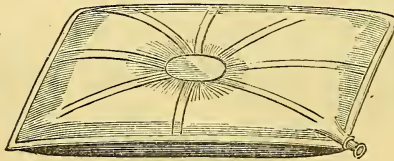


Fig. 422.

French-reefed Air Cushions, Fig. 422—

|         |         |         |         |
|---------|---------|---------|---------|
| 16 × 12 | 16 × 14 | 16 × 16 | 18 × 13 |
| 8/-     | 10/6    | 11/3    | 11/10   |

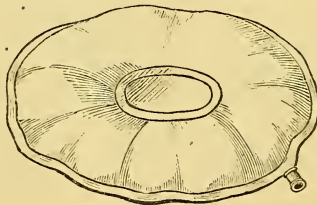


Fig. 423.

Circular-reefed Cushions, Fig. 423—

|        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|
| 15-in. | 16-in. | 17-in. | 18-in. | 19-in. | 20-in. | 21-in. |
| 8/3    | 9/-    | 9/9    | 10/6   | 11/-   | 12/-   | 12/6   |

|                        |         |         |         |
|------------------------|---------|---------|---------|
| Plain Pillows, 18 × 13 | 18 × 15 | 18 × 18 | 18 × 22 |
| 5/6                    | 6/3     | 7/6     |         |
| 18 × 24                | 18 × 26 | 18 × 30 |         |
| 10/-                   | 10/6    | 11/6    |         |

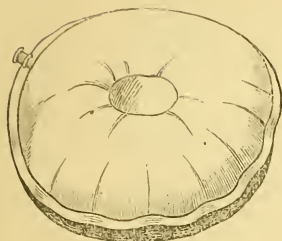


FIG. 424.

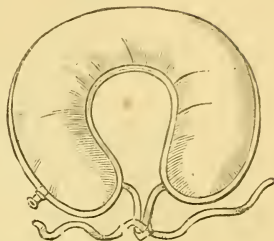


FIG. 425.

|                                                          |         |         |         |
|----------------------------------------------------------|---------|---------|---------|
| Circular Pillows, Fig. 424, 16-in.                       | 18-in.  | 19-in.  | 20-in.  |
| 7/6                                                      | 8/6     | 9/6     | 10/6    |
| Neck Pillows, Fig. 425, 16 × 23                          | 16 × 25 | 18 × 25 |         |
| 9/6                                                      | 10/6    | 11/6    |         |
| Beds and Pillows, 72 × 36                                | 84 × 30 | 88 × 29 | 88 × 32 |
| 3/-/-                                                    | 3/3/-   | 3/10/-  | 3/15/-  |
| 88 × 37                                                  | 88 × 39 | 88 × 50 | 97 × 63 |
| 4/-/-                                                    | 4/10/-  | 5/10/-  | 7/7/    |
| Swimming Belts, 36 × 6                                   | 40 × 6  | 40 × 8  |         |
| 9/6                                                      | 12/6    | 14/6    |         |
| Water Cushions, for sloughing of the sacrum, per lb. 6/6 |         |         |         |
| 16 × 12                                                  | 16 × 14 | 18 × 15 | 18 × 18 |
| 18 × 22                                                  | 18 × 24 | 18 × 26 |         |
| Water Cushions, per lb. 6/6                              |         |         |         |
| 16-in.                                                   | 17-in.  | 18-in.  | 19-in.  |
|                                                          |         |         | 20-in.  |

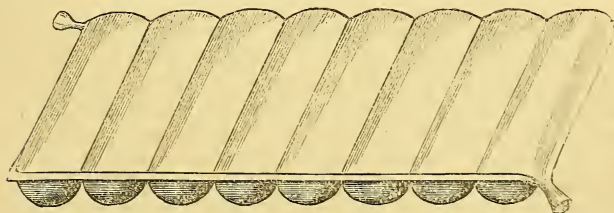


FIG. 426.

|                                   |         |         |         |         |         |
|-----------------------------------|---------|---------|---------|---------|---------|
| Water Beds, Fig. 426, per lb. 6/6 |         |         |         |         |         |
| 30 × 24                           | 48 × 30 | 50 × 27 | 66 × 24 | 72 × 30 | 72 × 36 |

|                                                        | £       | s. | d. |
|--------------------------------------------------------|---------|----|----|
| Waterproof Bed Sheets, with funnel in centre . . . . . | 1       | 5  | 0  |
| Inflating Bellows for above . . . . .                  | 0       | 8  | 0  |
| Water Bottles for the Feet or Stomach . . . . .        | per lb. | 0  | 6  |
| 6×12    6×10    14×8                                   |         |    |    |

## MICROSCOPES AND APPARATUS.

No. 1.—A neat and convenient Microscope, having a joint to incline the instrument to any angle:—Rack adjustment to body, revolving Diaphragm, solid bronzed Stand,  $\frac{1}{2}$  and 1-inch Object Glass, Live Box, and Dissecting Forceps. Complete in cabinet, with four objects, lock and key . . . . . 2 2 0

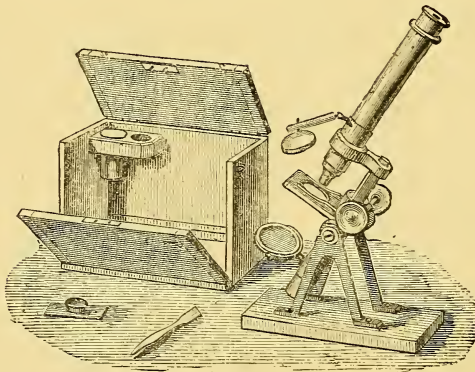


FIG. 427.

No. 2.—Arnold and Sons' Portable Microscope, Fig. 427. This Microscope is very portable and substantial in its construction, inclines to any angle, with rackwork adjustment for focussing, working up on a triangular bar of gunmetal. Attached to the stand is a condenser, with universal joints for opaque objects, a Water Box, Tweezers, and a good 1 and 2-inch combined Object Glass, with Sliding Tubes; the whole complete in a portable case. When the instrument is folded down for packing away, the body slides through the stage, no screwing or unscrewing is necessary, the stand always being intact, with condenser attached. Price complete 3 3 0

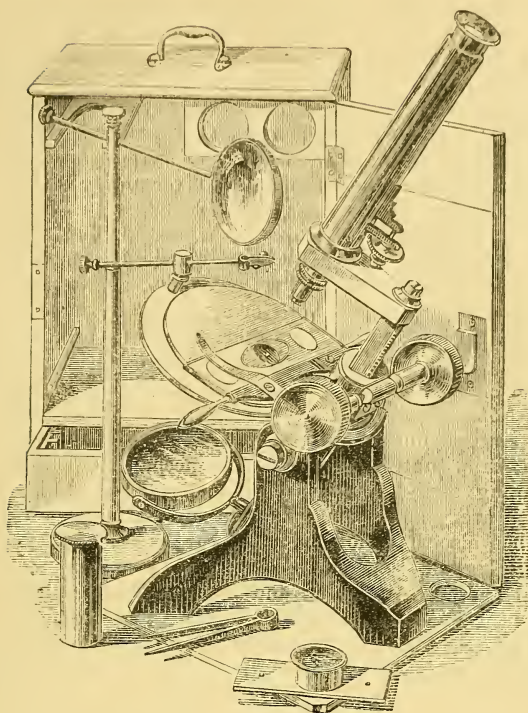


FIG. 428.

No. 3.—The “University” Microscope, Fig. 428. This instrument is of great power and definition, and suitable for all purposes of microscopic investigation. The stand is well constructed, firm, and of a new pattern; the stage is circular in form, and the object can be moved in any direction with a smooth, easy motion; the rackwork adjustment for focussing is long, and capable of taking in a 4-inch object glass. It has a fine adjustment;  $\frac{1}{4}$ -inch Achromatic Object Glass, forming also  $\frac{1}{2}$ -inch and 1-inch, fitted with the Universal Screw; Stand Condenser for opaque objects; Live Box; Stage, and Dissecting Forceps. The whole complete in Mahogany Cabinet . . . . . £1 10 0

No. 4.—A well-constructed Microscope, all brass, made upon the same principle as the more expensive instruments, with coarse and fine adjustments, Draw Tube to body, double Mirror, removing Diaphragm, good  $\frac{1}{4}$ -inch Object

£ s. d.

Glass, ditto 2-inch, No. 1 Eyepiece, Stand Condenser, Live Box, Stage, and Dissecting Forceps. Complete in Cabinet, with half a dozen interesting objects . . . . . 5 5 0

This instrument is fitted with a large tube in the stage, for the convenience of fitting Polariscope or any other under illumination, without any after alteration to the Microscope, and any apparatus will fit the same without the necessity of sending the instrument back, being also universal size in the object glass screws.

No. 5.—A very useful Microscope, in construction the same as No. 6, but a size smaller, with object glasses and other extras the same. This is a very complete instrument, there being no unnecessary work or apparatus to make it expensive, the optical and mechanical arrangements being of the most convenient form, but efficient in their performance. Complete in Cabinet with large drawer . . . . . 12 12 0

No. 6.—A large and substantial Microscope, constructed upon the latest improvements, with coarse and fine adjustment, draw-tube to body, double mechanical stage, with clamping and revolving slider-holder, large double mirror, with every adjustment, diaphragm, &c. This instrument has also the following apparatus:—No. 1 and 2 Eye-pieces, English  $\frac{1}{4}$  Object Glass, ditto 1 and 2-inch combined, Polarizing Apparatus and Selenite, large Bull's-eye Condenser, on stand, Stage and Dissecting Forceps, Live Box, and Spot Lens. Complete in upright Cabinet, with two large drawers . . . . . 20 0 0

*All the above Instruments are fitted with the Universal Screw for Object Glasses.*

|                                                                                                                                                         |                    |    |      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----|------|
| Polarizing Apparatus . . . . .                                                                                                                          | 1                  | 5  | 0    |
| Ditto extra large prisms . . . . .                                                                                                                      | 1                  | 15 | 0    |
| Wenham's Parabolic Illuminator, with adjusting stop . . . . .                                                                                           | 1                  | 5  | 0    |
| Spotted Lens, for dark ground illumination . . . . .                                                                                                    | 7s. 6d.,           | 0  | 12 0 |
| Stand Condenser . . . . .                                                                                                                               | 7s. 6d., 12s. 6d., | 0  | 15 0 |
| Live Box . . . . .                                                                                                                                      | 2s. 6d., 3s. 6d.,  | 0  | 6 6  |
| Achromatic Spot Lens Condenser, with stops and fittings complete, for resolving test objects, an excellent substitute for Gillett's Condenser . . . . . |                    | 2  | 2 0  |
| Mechanical Stage, fitted to any microscope, £1 10s., £2 10s.,                                                                                           |                    | 3  | 0 0  |
| Extra Eye-pieces . . . . .                                                                                                                              | 10s. 6d.           | 0  | 12 6 |
| Stage Forceps . . . . .                                                                                                                                 | 5s. 6d.,           | 0  | 7 6  |
| Stage Micrometer . . . . .                                                                                                                              |                    | 0  | 4 6  |
| Eye-piece ditto . . . . .                                                                                                                               | 6s.,               | 0  | 8 6  |
| Camera Lucida . . . . .                                                                                                                                 | 5s.,               | 0  | 10 0 |
| Glass Plates . . . . .                                                                                                                                  | 1s.,               | 0  | 1 6  |

|                                                                           | £          | s. | d.   |
|---------------------------------------------------------------------------|------------|----|------|
| Frog Plates . . . . .                                                     | 7s.,       | 0  | 10 6 |
| Hollow Glass Slides . . . . .                                             |            | 0  | 0 6  |
| Hand Magnifiers, for dissecting . . . . .                                 | from       | 0  | 1 0  |
| Turn Tables . . . . .                                                     | 4s. 6d.,   | 0  | 6 6  |
| Silver Parabolic Reflector on stand, with ball and socket joint . . . . . |            | 0  | 12 6 |
| Excellent Microscopic Lamps, with sliding rod and heavy stand . . . . .   | 9s. 6d.,   | 0  | 12 0 |
| Canada Balsam, Gold Size, &c. . . . .                                     | per bottle | 0  | 1 0  |
| Glass Slips, 3×1, un-ground . . . . .                                     | per dozen  | 0  | 0 6  |
| Ditto ground . . . . .                                                    | ditto      | 0  | 0 9  |
| Thin Glass Squares and Circles, Paper Covers, &c. . . . .                 |            |    |      |
| Object Boxes for two dozen . . . . .                                      |            | 0  | 1 0  |
| Folding Book Cases for six dozen slides to lie flat . . . . .             |            | 0  | 5 6  |
| Opalised Glass Stage Plates . . . . .                                     |            | 0  | 0 6  |
| New six-tray Object Boxes for three dozen . . . . .                       |            | 0  | 3 6  |
| Animalcule Cages . . . . .                                                | 6s. 6d.,   | 0  | 12 0 |
| Set of Animalcule Tubes, in case . . . . .                                | 2s.,       | 0  | 5 0  |

~~~~~

BEST ENGLISH OBJECT GLASSES.

THESE ARE GUARANTEED.

4 inch	9 Degrees of Angular Aperture	1	5	0
3 do.	13 ditto	2	5	0
3 do.	10 ditto	1	6	0
2 do.	16 ditto	2	5	0
2 do.	12 ditto	1	5	0
1½ do.	22 ditto	2	10	0
1 do.	26 ditto	2	10	0
1 do.	18 ditto	1	5	0
1 do.	20 Dividing into a 2-inch	1	10	0
1½ do.	35 Degrees	2	10	0
1 do.	75 ditto	3	0	0
1 do.	55 ditto	2	10	0
1 do.	95 ditto	4	15	0
1 do.	60 ditto	4	0	0
1 do.	75 ditto	2	0	0
1 do.	90 ditto	4	4	0
1 do.	110 ditto	4	10	0
1 do.	120 ditto	5	15	0

OF LESS ANGULAR APERTURE BUT OF GOOD DEFINITION.

1½ inch	. . . . .	2	10	0
1 do.	. . . . .	1	10	0
1 do.	. . . . .	1	0	0
1 do.	. . . . .	1	6	0
2 do.	. . . . .	0	15	0

MOUNTED OBJECTS FOR THE MICROSCOPE.

	£	s.	d.
A set of Slides (12) illustrating the growth and structure of human bone	1	4	0
Microscopic objects, including all the most interesting minute insects and parts of ditto, as legs, wings, hair, eyes, trachæ, roe, &c.; sections of wood, leaves, infusoria, shells, scales of fish, minerals, &c.; mounted on Canada balsam, and suitable for the best form of microscopes. Per slide, from 1s. 4d. to	0	2	0
Set of twelve of the above objects	0	16	0
Ditto twenty-four ditto	1	10	0
Ditto thirty-six ditto	2	9	0
Urinary deposits, consisting of specimens of oxalate of lime, lithic acid, dumb-bell lithic acid, dumb-bell oxalate of lime, carbonate of lime, spermatozoa, cystic oxide, phosphates, hippuric acid, urea, urate of soda, purpurate of ammonia.			
Set of twelve Slides, in case	1	1	0

Every other preparation from the animal, vegetable, or mineral kingdoms, for the microscope, supplied to order.

OSTEOLOGICAL PREPARATIONS.

Disarticulated Human Skeletons	£2 2s. to	5	5	0
Articulated Human Skeletons	£3 10s. to	12	12	0
Polished mahogany upright case for above		4	10	0
Disarticulated Head, the bones remounted, in situ, at distances, with sections of middle and inner ear, and preparation of the maxillary vessels and nerves. The whole, on a support, under glass shade	£9 to	13	0	0
Child's Skull, under glass shade, showing first and second dentitions	£2 10s. to	4	4	0
Skulls, with one (horizontal) section	15s. and	1	1	0
Skulls, disarticulated	£1 to	3	3	0
Skulls, with a vertical and horizontal section	17s. to	1	10	0
Skulls, in seven sections, shewing the frontal sinus, antrum, cochlea, semi-circular canals, tympanum, and small bones of the internal ear	£3 10s. to	5	5	0
Bones of the Lower Extremity, articulated, including the haunch-bone	£1 and	1	5	0
Bones of the Upper Extremity, articulated, including the scapula and clavicle	£1 1s. and	1	5	0

	£	s.	d.
Bones of the Lower Extremity, with Os innominatum, articulated in a similar manner	2	10	0
Bones of the Upper Extremity, with scapula and clavicle, so articulated as to allow of demonstration of the various dislocations	2	10	0
Set of Vertebrae, strung on cord	£1	1s.	and
Fœtal Skeletons, mounted in various ways	1	5	0
Fœtal Skeletons, with natural ligaments, from the embryo to the full time, nine preparations, each under separate glass, the set	2	0	0
Female pelvis, with ligaments	£7	10s.,	£8
Fœtal heads, each	10	10	0
Student's Set of Bones, consisting of a skull, with one (horizontal) section; the vertebral column, Os innominatum, sacrum and coccyx; sternum; one hand and one foot on catgut, and the ribs, scapula, clavicle, humerus, radius, ulna, femur, patella, tibia, and fibula of one side, £3 3s. and	3	10	0
Student's Set of Bones, consisting of a disarticulated skeleton, a skull with a horizontal and vertical section, and a disarticulated skull	£4	4s. and	£5
Feet on catgut	7	7	0
Hands on catgut	4s.	6d.,	5s.
Section of Head and Trunk, through spinal column, including the haunch-bone, clavicle, and scapula, and part of the humerus, mounted on a pivot, with stand for demonstration	0	8	6
Two Temporal Bones, cut in various directions, to show completely the anatomy of the internal ear	0	8	6
Leather Figure (including a natural female pelvis). with leather fœtus and placenta for obstetric demonstrations	5	0	0
	1	15	0
	5	5	0

CHIROPODISTS' INSTRUMENTS.

Case, containing two Knives, Corn File, in ivory handles	0	7	6
Leather Case, containing four Knives, Corn File, in ivory handles	0	15	0
Morocco-leather Case, containing four Knives, Corn File, in ivory handles, pair of Scissors, pair of Spring Forceps	0	18	6
Superior Morocco-leather Case, containing five Knives, Corn File, in ivory handles, strong Scissors, Spring Forceps, Double Tenaculum, Improved Nail Nippers	1	10	0
Improved Corn Knives	0	2	3
Ditto ditto in leather case	0	2	6
Pond's Corn Knife, in ivory handle	0	3	6

	£	s.	d.
Corn Knife, in ivory, for the pocket	0	3	6
Ditto ditto two blades	0	4	6

Chiropodists' Cabinets fitted to order.

ENTOMOLOGICAL INSTRUMENTS.

Case, containing four fine Knives in ivory handles, various patterns, and Spring Forceps	0	10	6
Leather Case, containing five fine Knives in ivory handles, various patterns, pair Scissors, and Spring Forceps	0	16	0
Superior Morocco-leather Case, containing five Knives in ivory handles, various patterns, Improved Scissors, Spring Forceps, two fine Hooks	1	0	0
Entomological Forceps, various	0	3	6
Ditto Knives ditto	0	2	0
Ditto Hooks ditto	0	2	0
Valentin's Section Knife	0	13	0
Ditto ditto complete in case	0	17	6

MEDICINE CHESTS.

No. 1.—Flat solid Leather Chest, containing 4 $\frac{1}{2}$ -oz., 4 2-oz., 4 ivory-top Pill Bottles, and Measure	0	18	6
No. 2.—Solid Leather Chest, lined with leather and blue silk velvet, $7\frac{1}{2} \times 5\frac{1}{4} \times 4\frac{1}{2}$ in., and contains ten Stopped Bottles, four wood-top Pill Bottles, and Measure	1	5	0
Ditto, 12 bottles	1	7	6

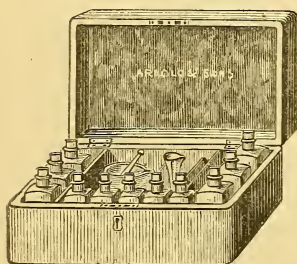


FIG. 429.

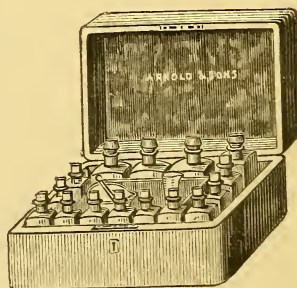


FIG. 430.

No. 3.—Mahogany Chest with white bottles, Fig. 429, $11 \times 6\frac{1}{4} \times 5\frac{3}{4}$ in., and contains 2 4-oz., 4 2-oz., and

	£	s.	d.
5 1-oz. Bottles, Mortar, Measure, Scales, and Knife. The lid is lined with velvet, and the lips and stoppers of the bottles are cut	1	1	0
Ditto Oak, and green bottles	0	19	0
No. 4.—Mahogany Chest with white bottles, Fig. 430, 10 × 8 × 6 in., and contains 4 4-oz., 6 2-oz., and 5 1-oz. Bottles, Scales, Mortar, Measure, and Knife. The lid is lined with velvet, and the lips and stoppers of the bottles are cut	1	5	0
Ditto Oak, and green bottles	1	2	0
No. 5.—Mahogany Chest with white bottles, 12½ × 9½ × 7 in., and contains 3 8-oz., 4 4-oz., and 10 2-oz. Bottles, with Tray containing Scales and Knife, 2 Bottles, 2 Pots, Mortar, and Measure under the tray. The lid is lined with velvet, and the lips and stoppers of the bottles are cut	1	17	6
Ditto Oak, and green bottles	1	10	6

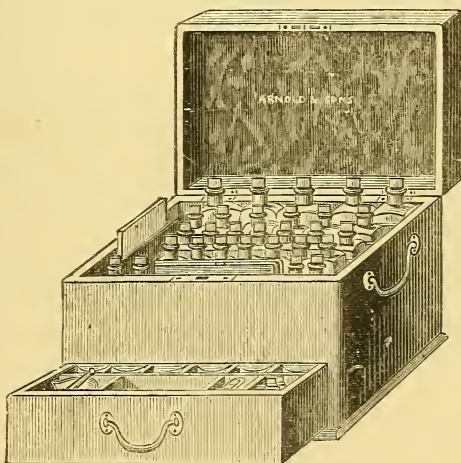


FIG. 431.

No. 6.—Mahogany Chest with white bottles, Fig. 431, 14½ × 10½ × 10, and contains 5 8-oz., 6 4-oz., 14 2-oz., and 4 1-oz. Bottles, Pill Tile in the body, 5 3-oz. Pots, 3 1-oz. Bottles, Mortar, Measure, Scales, Knife, and space in the drawer. The lid is lined with velvet, and the lips and stoppers of the bottles are cut

3	3	0	
Ditto Oak, and green bottles	2	15	0

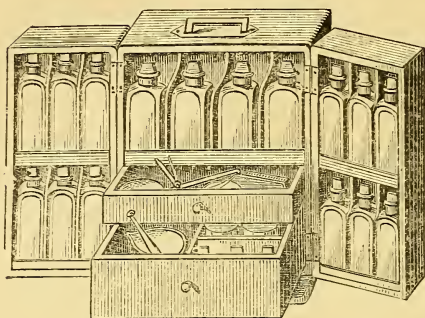


FIG. 432.

£ s. d.

No. 7.—Spanish Mahogany Folding Chest, Fig. 432, lined with silk velvet, containing 8 4-oz. and 12 $1\frac{1}{2}$ -oz. Bottles in the body and wings; 3 small Bottles, 2 plated-top Pots, Mortar, Measure, Scales, and Knife, in the drawers; 4 of the 4-oz. bottles take out at the back; $10\frac{1}{2} \times 8\frac{1}{2} \times 7$ in. when shut. The lips and stoppers of the bottles are cut

3 10 0

No. 8.—Ship's Medicine Chest for 10 men; contains 12 1-oz., 9 2-oz., 7 4-oz., 2 8-oz., and 3 pt. Chest Squares, 3 Pots, Mortar and Pestle, Scales, Knife, Measure, Pewter Pot, Slab, Syringe, Spoon, Lancet, and Scissors

1 15 0

No. 9.—Ditto, 20 men; contains 22 2-oz., 6 4-oz., 6 8-oz. and 10 pt. Chest Squares, 4 Pots, Mortar and Pestle, Measure, Scales, Slab, 2 Lancets, 2 Spoons, Syringe, Scissors, Knife, and Pewter Pot

2 5 0

No. 10.—Ditto, 30 men; containing 4 1-oz., 8 2-oz., 14 4-oz., 8 8-oz., and 16 pt. Chest Squares, 5 Pots, Mortar and Pestle, Scales, Slab, Measure, 2 Lancets, 2 Spoons, 2 Syringes, Scissors, Knife, and Pewter Pot

2 12 0

MISCELLANEOUS.

Wormald's Varicocele Rings	0 1 0
Grailey Hewitt's Transfusion Apparatus, consisting of Glass Syringe, two Silver Pipes, Operating Forceps, Lancet, and Scalpel, in case complete	2 10 0
Warwick's Endoscope, complete, for examining the bladder, urethra, rectum, &c.	6 6 0
Arnold & Sons Improved Endoscope for examining the urethra, bladder, rectum, and fitted with tongue speculum and laryngeal mirrors, extra tube with glass and mirror and three ear speculums complete, in morocco case	7 10 0

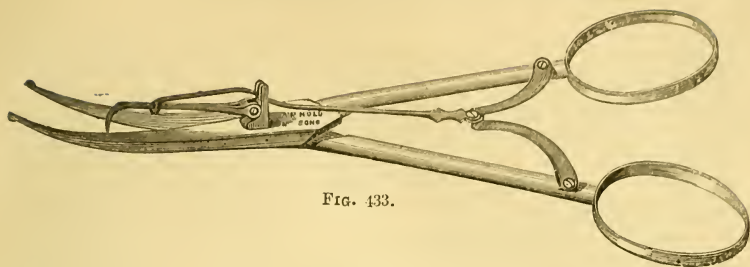


FIG. 433.

Mr. Cripps' Skin-Grafting Scissors, Fig. 433, <i>vide Lancet</i> ,	£	s.	d.
June 3, 1871	1	5	0
Dr. Protheroe Smith's Exploring Syringe, complete	2	2	0
Dr. Bresquen's Exploring Syringe, for withdrawing fluid from tumours, abscesses, &c.	1	10	0
Dr. Vanzatti's ditto	2	2	0
Drainage Tubing, india rubber per yard	0	1	6
Wire Drainage Tubes, gilt each	0	1	0
Operating Table, complete, with sliding back supports and adjustments, two flaps, with quadrants for fixing at any required angle	10	10	0
Morton's Retractors	2s.	6d.	
Copper ditto	0	1	6
Artificial Leech Apparatus, complete in case	3	3	0
Simpson's Acupressure Needles	0	0	6
Acupuncture Needles	0	1	0
Seutin's Starch Bandage Scissors	0	12	0
Clover's ditto with short blades 4s. 6d.	0	5	0
French Shears, for removing starch bandage	0	10	6
Wathen's Forceps, for ditto	0	17	6
Bleeding Lancets, in tortoiseshell	0	1	6
Ditto common, for medicine chests per doz.	0	7	6
Evans' Vaccinating Instrument	0	6	0
Goddard's Carbolic Acid Diffuser	0	2	0

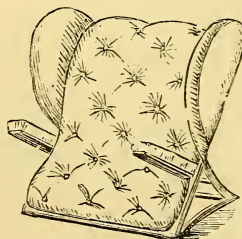


FIG. 434.

Arnold and Sons' Improved Bed Rest, with adjustable quadrant, padded at sides and back, complete, Fig. 434	1	4	0
Portable Bed Rest	0	12	0

	£	s.	d.
Leg Rest, plain	0	7	6
Ditto padded	0	15	6
Arm Rest, padded complete	0	10	6
Dr. Day's Thermic Hammer, with Spirit Bottle, in case, complete	0	8	6
Ditto ditto ditto, ebony handle	0	6	6
Thermic Hammer, ivory handle	0	3	6
Ditto ebony handle	0	2	6
Onychia Forceps	0	6	6
Ditto Scissors	0	3	0
Hare-lip Compress	1	1	0
Sacking, Poles, and Irons, complete, for removing patients from the operating theatre	2	7	6
Wordsworth's Cautery, for destroying nævi, &c.	0	3	6
Actual Cauteries, of all shapes	0	4	6
Marshall's Iodine Bottle, with self-supplying glass brush	0	4	0
Seton Tapes	0	0	8
Vidal's Needle for Varicocele	0	4	6
Dr. Barnes' Instrument for introducing pledgets of cotton into the vagina	0	15	0

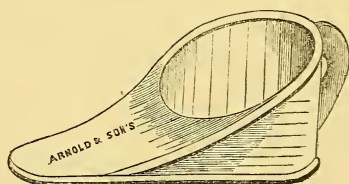


FIG. 435.

Blower's porcelain Bed Slipper, Fig. 435	0	5	6	
Ditto ditto covered flannel	0	6	6	
Metal Bed Pans	6s.,	0	7	6
Elastic gum Rectum Plugs	0	4	6	
Ivory ditto	0	5	0	
Metal ditto	0	6	0	
Vulcanite (or hard rubber) Syringes 2s. 6d., 3s. 6d., 5s.,	0	7	6	
Vulcanite Dental Syringe	0	4	6	
Paley's Feeding Apparatus	2	12	0	

This Instrument has two face-pieces, with india-rubber rim, tongue-depressor attached, and reservoir. Complete, as used by most asylums.

Pill Machines, for 24 pills	1	1	0	
Ditto very superior	1	8	0	
Ditto marble slab	1	6	0	
Ditto ditto very superior	1	12	6	
Powder Folders, improved	0	17	6	
O'Connell's Feeding Bottles	2s. 6d.,	0	5	0
Mather's ditto	1s.,	0	2	0

	£	s.	d.
Grain Scales and Weights, in oak box, best make	0	3	6
Ditto box end beam, in mahogany box	0	11	0
Dispensing Scales and Weights, with sliding pillar, in mahogany box, very superior	1	6	0
Bird-stuffing Instruments, complete in case	1	5	0
Bleeding Basons, earthenware	0	2	0
Ditto pewter	3s., 4s.,	0	5 0
Camel-hair Pencils, assorted per gross	0	6	0
Cork Pressers	0	2	6
Cotton Wool per lb.	0	2	6
Oil Silk, very superior per yard	0	4	6
Adhesive Plaster, very superior ditto	0	0	6
Lipscombe's Filters	8s.	2	2 0
Atkins' ditto	5s.	2	2 0
Finger Stalls, best rubber per doz.	0	2	6
Gutta-percha Tissue per yard	0	2	0
Issue Peas, assorted sizes per 100	0	2	0
Buckle's Leech Conservatories 2s. 6d., 3s.,	0	6	0
Leech Tubes, glass per doz.	0	2	0
Lint, very superior per lb.	0	3	0
Spongio-Piline (Markwick's) per lb.	0	15	0



FIG. 436.

Collier's Aluminium Respirator, Fig. 436, 2s. 6d., 3s. 6d.,	0	4	6
Ditto Orinasal 6s.,	0	7	0
Arnold's Improved Dwarf Respirator, in tin case, 3s. 6d.,	0	5	0
Nightingale's Invisible Respirator, gilt	0	5	6
Ditto ditto treble gilt	0	10	6
Ditto ditto Gold	1	1	0
Statham's Student's Chemical Cabinet, No. 1	1	0	0
Ditto ditto No. 2	1	11	6
Portable Laboratory £2 2s. to	7	7	0
Students' Note Books	0	1	0
Mr. Wormald's folding director and aneurism needle complete	0	10	6

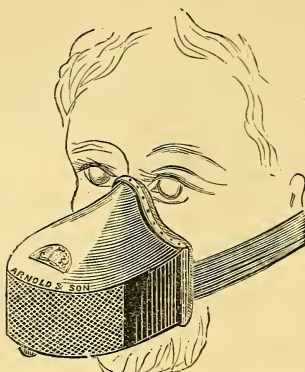


FIG. 437.

£ s. d.

Dr. Alfred King's Miner's and Fireman's Respirator, registered, Fig. 437 0 10 6

To enable any person to breathe in safety, smoke or other deadly vapours at fires or in underground places, sewers, wells, &c. With this Instrument properly fixed to the face any person may enter a house or apartment, no matter how dense the smoke, and breathe in safety.

TABLE-KNIVES, RAZORS, ETC.

Superior Table Knives, in best ivory handles	per doz.	2	0	0
Superior Dessert ditto	ditto	1	15	0
Carving Knife and Fork	per pair	0	12	6
Poultry Carvers	ditto	0	12	6
Table Knives, in ivory handles	per doz.	1	10	0
Dessert ditto	ditto	1	6	0
Carving Knife and Fork	per pair	0	10	6
Poultry Carvers	ditto	0	10	6
Table Knives, in ivory handles, plain quality	per doz.	1	5	0
Dessert ditto	ditto	1	1	0
Carving Knife and Fork	per pair	0	9	0
Poultry Carvers	ditto	0	9	0
Table Knives and Forks, in bone handles	per doz.	0	12	0
Dessert ditto	ditto	0	10	6
Carver and Fork	per pair	0	5	6
Razors, in plain handles	ditto	0	2	0
Ditto, good quality, black handles	ditto	0	5	0
Ditto, best ditto	ditto	0	7	0
Ditto, good quality, ivory handles	ditto	0	9	0
Ditto, best ditto	ditto	0	10	6
Ditto, very superior	ditto	0	12	0
Ditto ditto in tortoiseshell	ditto	0	14	0
Pocket Knives, 1 blade	1s., 2s. 6d.,	0	3	6
Ditto 2 blades	1s. 6d., 3s. 6d.,	0	5	0
Ditto 3 blades	2s., 5s.,	0	7	6
Ladies' Scissors, embroidery		0	3	6
Ditto button-hole		0	3	6
Ditto cutting out	3s. 6d.,	0	5	0
Ditto nail	3s. 6d.,	0	4	6

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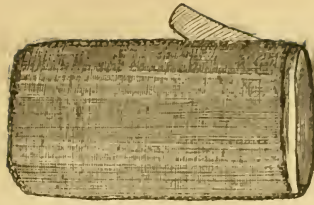
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- T. H. BARTLEET, M.B. Lond., F.R.C.S., Surgeon to the General Hospital, Birmingham. (*Clinical Lectures on Surgical Dressings.*)
- W. R. BASHAM, M.D. Edin., F.R.C.P., Physician to the Westminster Hospital.
- W. H. BROADBENT, M.D. Lond., F.R.C.P., Physician to St. Mary's Hospital, &c. (*A Clinical Lecture on a Case of Profuse Hæmatemesis; Clinical Contributions on Nervous and other Diseases.*)
- JOHN BEDDOE, M.D. Edin., M.R.C.P., Physician to the Bristol Royal Infirmary. (*On Civilization and Disease.*)
- J. S. BRISTOWE, M.D. Lond., F.R.C.P., Physician to St. Thomas's Hospital. (*Clinical Lectures.*)
- THOMAS BRYANT, F.R.C.S., Surgeon to Guy's Hospital. (*Clinical Lectures.*)
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- G. W. CALLENDER, F.R.C.S., Surgeon to St. Bartholomew's Hospital. (*Notes on Surgical Cases.*)
- W. CHOLMELEY, M.D., F.R.C.P., Physician to the Great Northern Hospital. (*Clinical Cases.*)
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- Professor FLOWER, F.R.S., (*Twelve Lectures on the Digestive Organs of the Mammalia.*)
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- BALTHAZAR W. FOSTER, M.D., M.R.C.P., Lond., L.K.Q.C.P., Professor of the Principles and Practice of Physic in Queen's College, Birmingham. (*Clinical Lectures on Diseases of the Heart.*)
- HENRY W. FULLER, M.D. Cantab., F.R.C.P., Lond., Senior Physician to St. George's Hospital.
- J. SAMPSON GAMGEE, M.R.C.S., F.R.S. Edin., Surgeon to the Queen's Hospital, Birmingham. (*Clinical Lecture on Ingrowing Toe-nail.*)
- C. A. GORDON, C.B., Inspector-General of Hospitals.
- T. HENRY GREEN, M.D. Lond., Senior Assistant-Physician to Charing cross Hospital. (*Notes on the Pathology of Phthisis.*)
- R. GREENHALGH, M.D., St. And., M.R.C.P. Lond., Physician-Accoucheur to St. Bartholomew's Hospital. (*Obstetric and Gynecological Records.*)
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COURSES OF LECTURES by Sir W. Jenner, Bart, F.R.S.; Sir William O. Gull, Bart, F.R.S.; Drs. Fraser (Edinburgh), Humphrey, Morell Mackenzie, and others, will appear in the forthcoming volumes.

Among the more important papers which have appeared during 1872 are communications from Sir James Alderson, Sir W. Gull, Bart.; Drs. Clifford Allbutt (Leeds), Ford Anderson, Athill (Dublin), Aveling, Bastian, Broadbent, Brunton, Christie (Zanzibar), Lockhart, Clarke, Clouston (Carlisle), Gairdner (Glasgow), Grimshaw (Dublin), Haughton (Dublin), Heaton (Leeds), Braxton Hicks, Holmes, Hughlings, Jackson, Mariet, Maudsley, Morton (Glasgow), Moxon, Douglas Powell, Russell, Reynolds, Seegen (Vienna), Shapter (Exeter), Stromeyer (Hanover), Waters (Liverpool), Wilks, Wolfe (Glasgow); and Messrs. H. Arnott, Le Gros Clarke, Dalrymple, M.P.; Gascoyn, Ernest Hart, Hairland, Berkeley Hill, Jonathan Hutchinson, Funeaux Jordan (Birmingham), Rivington, &c.

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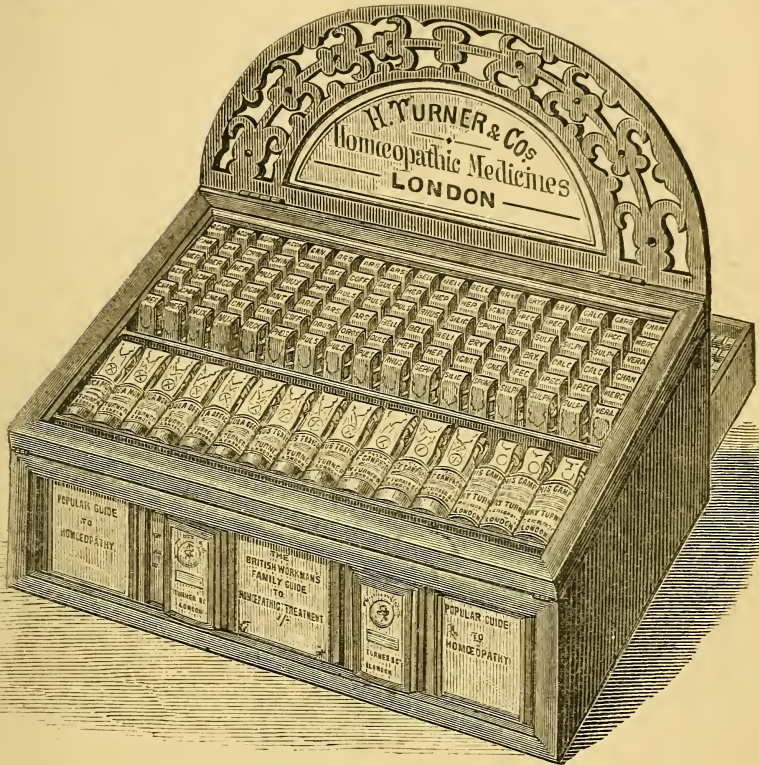
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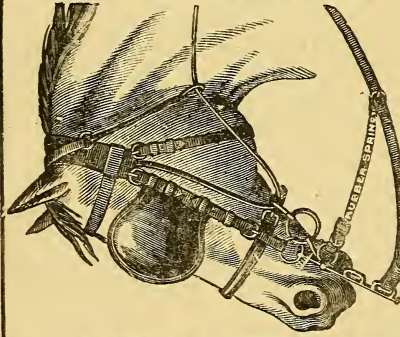
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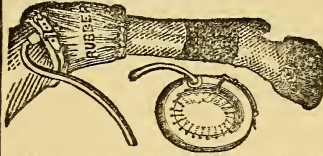
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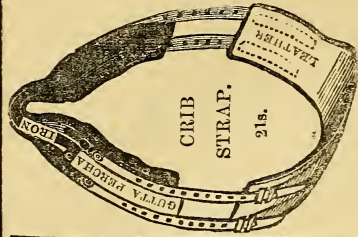
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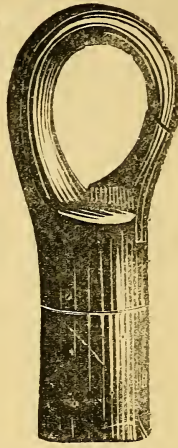
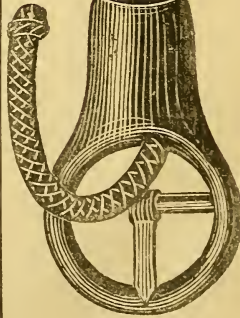
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AND VARIOUS MUZZLES TO PREVENT CRIB BITING, WIND SUCKING BITS, &c.



FULL-SIZE SPRING FOR JOCKEY REINS, &C., 14 INCHES LONG, 4S.

HOW'S STUDENT'S MICROSCOPE . £5 5 0
 HOW'S MICROSCOPE LAMP, WITH PORCE-
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 DR. GUY'S NEW ILLUMINATOR HAND MICROSCOPE,
 suited for both transparent and opaque objects.

DESCRIPTIONS ON APPLICATION.

JAMES HOW,

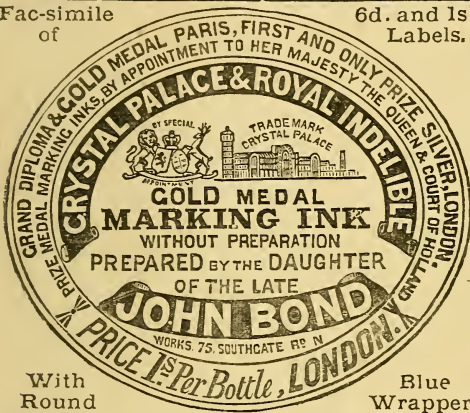
Successor to GEORGE KNIGHT AND SONS,
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DAUGHTER OF THE LATE JOHN BOND

Fac-simile
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6d. and 1s.
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With
 Round

Blue
 Wrappers

EBONITE :
 No
 Heating
 or
 Warming
 is
 Required.

Crystal Palace
 Marking Ink
 Pedestal,
 Containing
 Ink, Pen, and
 Linen
 Stretcher.

**CRIMSON
 MARKING
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Each in
 Bottles at
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In Bottles, at
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None can be Genuine without the Trade Mark upon each Label,

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WORKS—75, SOUTHGATE ROAD, LONDON, ENGLAND.

The Academie Nationale Society of Manufactures and Commerce, Paris, have awarded me the GOLD MEDAL for perfection in Marking Inks. Extract from the Journal, April, 1870:—"We have tested fifty Marking Ink Makers' preparations since 1855, and pronounce this the most successful."

ENLARGEMENT OF PREMISES.

All orders sent out the following day; Carts from the City twice daily. No Person or Persons are Licensed by me to Manufacture the Pedestals in imitation of my invention. Shippers send for Price Lists.

Particular Notice is requested to the following List of French Polished Glass Cases for the Counter, free of Charge.

No. 1 case, Desk shape, containing ½ doz. Crystal Palace Pedestals with Ink, Pens and Linen Stretcher.

1 dozen 1s. Crystal Palace and Royal Indelible in Blue Wrappers and Black and White Oval Label. 3 dozen 6d. do. do.

No. 2 case, containing 3 dozen 1s. Crystal Palace and Royal Indelible, Blue Wrapper, Black and White Oval Label, old style.

No. 3 case, containing 1 dozen 1s. Crystal Palace and Royal Indelible, Blue Wrapper old style, and 2 dozen, 6d.

No. 4 case, containing 3 dozen 6d. Crystal Palace and Royal Indelible, Blue Wrappers, Black and White Oval Label, old style.

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WHOLESALE AND EXPORT

DRUGGISTS,

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Price 2s. 6d. per box of 35 Cigars, and free by Post on receipt of Stamps or P.O.O. payable at Vere Street.

WILCOX AND CO.,

ENGLISH, FRENCH, AND GERMAN CHEMISTS,

Agents for Foreign Proprietary Medicines,

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SPLINTS—Most perfect yet known.

From a Sheet or Roll of Cocking's Poroplastic Substance, the most difficult Splint or Bandage can be made in one minute "Invaluable," J. Hutchinson, Esq. (London Hospital.)

Hospital quality at 4/- per lb.	{ In Sheets about }	A Sheet 4ft. x 3ft. of—
Medium " 6/6 "		{ 4ft. x 3ft. } $\frac{1}{8}$ th inch thick, weighs about 4lbs.
Finest " 10/6 "		{ 2ft. x 3ft. } $\frac{3}{16}$ th " " " 6 "
	{ 2ft. x 1½ft. } $\frac{5}{16}$ th " " " 9 "	

Coils suitable for "Spiral" or "Figure of 8" bandages, from one inch to four inches in width, at 8s. and 10s. 6d. per lb.

To be obtained of Weiss, Coxeter, Gale, Arnold & Sons, Woods, Salt, Birmingham, and others, and at the Depot,

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Discovered to be a general Anæsthetic by Dr. RICHARDSON in 1867, from which time we have given special attention to its manufacture. Experience has proved it to be safer, and in every respect better than chloroform. 1 lb. bottles, 16s.; 8 oz., 8s. 6d.; 4 oz., 4s. 6d.; 2 oz., 2s. 6d.

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For producing Local Anæsthesia. In 4 oz., 10 oz., and 20 oz. stoppered bottles, 2s., 4s., and 7s.

OZONIC ETHER (or Ethereal Solution of Peroxide of Hydrogen), for Diabetes, Whooping-cough, &c. In 4 oz., 10 oz., and 20 oz. bottles, 3s. 6d., 7s. and 12s.

PEROXIDE OF HYDROGEN. (10 Volumes.)

STYPTIC COLLOID, for promoting the Healing of Wounds by the first intention, for treating Open or Fætid Wounds, and for arresting Hæmorrhage. In 2 oz. and 4 oz. bottles, with brush, 2s. 6d. and 4s. 6d.; 16 oz., 12s.

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NITROUS OXIDE GAS.

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LIQUID NITROUS OXIDE MANUFACTURERS.

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PRIZE MEDALS AWARDED: INTERNATIONAL EXHIBITION, LONDON, 1862; UNIVERSAL EXHIBITION, PARIS, 1867.

W. J. BUSH & CO.,
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Manufacturing Chemists, 21 and 22, ARTILLERY LANE, BISHOPGATE, LONDON, E.C.

MAKERS OF EFFERVESCENT CITRATE OF MAGNESIA.

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FRUIT ESSENCES, ESSENTIAL OILS, SPIRIT, WINE, AND LIQUEUR ESSENCE.

Essence London Gin, Jamaica Rum, Cognac Brandy, Grape, Sherry,
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OILS OF COGNAC AND GRAPE FOR BRANDY,
BRANDY COLOURING, CAPILLAIRE, ETC.

CULINARY ESSENCES, FOR DOMESTIC USE, IN 6d. AND 1s. BOTTLES.

W. J. BUSH & Co. are the only drawers of ENGLISH OIL, SANDAL WOOD, in 4oz. and 3oz.
bottles, 2s. 6d. per oz.; OIL, NUTMEGS &c. BUSH'S COMPOUND SCENTS are cheaper and
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Price, first quality, 12s. per lb.; second quality, 6s.

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Chem. Pure, 30° Beaume, in Cases, 4 50 lb. Tins; 20 5lb. Bottles; and 50 1lb. Bottles
with Registered Label.

SARG'S REFINED GLYCERINE

28° Beaume, in Cases, 4 50lb. Tins.

TOILET GLYCERINE ARTICLES, viz :

SARG'S SOLID GLYCERINE SOAP, in Registered Packets of 3 Tablets.
Retail Price, 1s. And various other Tablets in Boxes.

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**COTTON AND FLAX LINTS, CARDED
COTTON WOOLS AND BANDAGES,**

MANUFACTURED BY

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SPECIALITY—Cotton Lint as used in the largest Hospitals in the United Kingdom.
We guarantee the quality of all Lint of our make, bearing our Trade Mark.

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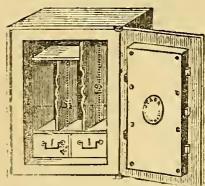
Can be had through Wholesale Druggists, Druggists'
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(ESTABLISHED 1795.)

NEW PATENT WEDGE-PROOF SAFE.

RELIANCE MACHINE MADE FIRE PROOF SAFES.



PATENT RELIANCE LOCKS.
IMPROVED LEVER LOCKS AND LATCHES.
CASH AND DEED BOXES.
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DRUGS, CHEMICAL, PHARMACEUTICAL
PREPARATIONS, &c.

PRIZE MEDAL

PARIS EXHIBITION, 1867.

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Wholesale Druggists, and Manufacturing Chemists,

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ESTABLISHED 1741.

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Manufacturer of Transits, Theodolites, Levels, Patent Theodolite Level Circumferenters, Prismatic Compasses, Box Sextants, Drawing Instruments and Scales, also of all kind of best quality meteorological instruments. Microscopes fitted with submersion covers for the examination of urinary deposits, as recommended by Dr. Dudgeon, also his spectacles for divers defining clearly under water.

ADIE'S PATENT HORSECLIPPER, of best workmanship, performance guaranteed, price 15s. to £1 1s. Polished Pattern, with brass washers, and moving over two teeth price £1 1s.

WEDGWOOD'S DUPLICATE PRESCRIPTION BOOK.

This neat little apparatus, is enclosed in a morocco portfolio, pocket size, and produces by once writing a prescription and copy of same, in permanent ink, thus enabling a practitioner to make easy reference.

PRICE COMPLETE, 12S. 6D.

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MEDICAL GLASS BOTTLES.

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(Established upwards of Fifty Years),

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Manufacturers of Select Preparations for Domestic Purposes, and Importers of Fancy Goods.

J. H. Whitby, having become Sole Proprietor of R. B. Ede and Co's. preparations, respectfully invite the attention of all who are visiting England for the purpose of buying perfumery to the following list of articles, and solicits the favour of a visit to his Show Room, which contains samples of the following :—

Perfumes in bulk, and in plain and fancy Cut Bottles; Vinaigrettes, Smelling Salts, Diamond Cement, Sachets, Pomades, Cosmetiques, Hair Washes, Cherry Tooth Paste, Toilet Powders, Complexion Powders, Cold Cream, Lip Salve, Toilet Soaps, Shaving Soaps, Tooth Brushes, Feeding Bottles, Breast Drawers, Teats, Salts of Lemon, Cachou Aromatise, Pastilles, Marking Ink, Court Plasters, Gold beater's Skin, Benzine Benzole, Liquid Glue, Furniture Composition, Plate Powder, Chemical Polishing Paste, Brunswick Black, &c., which can be had through any Wholesale House, or direct from the Laboratory, 6, Worship Street, Finsbury Square, E.C., and 47 & 49, Mortimer Road, W. Late 42A, Cannon Street, E.C.

PRICE LIST.

CHARLES WARD AND SON,

WINE MERCHANTS

(Established upwards of 100 years),

1, Chapel Street West, Curzon Street, Mayfair,
LONDON, W.

☞ Our principle in drawing up this List has been to quote CHEAP WINES that are GOOD, and FINE WINES that are CHEAP.

AMONTILLADO

SHERRY

48

Per Doz. s.

C. WARD & SON,

1, Chapel Street West, Mayfair, W, London.

A Single Dozen sent Carriage Paid.

	BOTTLES INCLUDED. Per Dozen s.	PACKAGES NOT INCLUDED.					
		Per Gallon. £ s. d.	Drum of 7 Gallons. £ s. d.	Qr. Cask of 27 Gallons. £ s. d.			
SHERRY. —No. 1. Pale Good	18	7 6	1 12 6	10 2 6			
2. Golden	20	8 6	2 19 6	11 9 6			
3. Pale dinner Wine...	24	10 6	3 13 6	14 3 6			
4. Golden	26	11 6	4 0 6	15 10 6			
5 "The Table Sherry," as advertised in the <i>Times</i> . A good wine, rather dry		12 6	4 7 6	16 17 6			
<i>Selected</i>	28	13 6	4 14 6	18 4 6			
6. Golden <i>Selected</i>	32	14 6	5 1 6	19 11 6			
7. A dry, pale Wine ...	34	15 6	5 8 6	20 18 6			
8. Golden	30						
9. "The Mayfair," rich, of bright light amber colour	36	16 6	5 15 6	22 5 6			

WINES.

		Per Dozen.
CLARET. —No. 34. Fair “ordinaire”		14s.
35. “Grand ordinaire”		18s.
36. A pleasant, inviting Wine		24s.
37. Showing some breed and bouquet.....		30s.
38. Chateau d’Arche Ludon		38s.
39. Langoa		54s.
40. Chateau Giscour		60s.
41. Leoville		66s.
42. Mouton de Rothschild.....		72s.
43. Latour.....		84s.
44. Lafitte.....		96s.
BURGUNDY. —45 & 46. “Ordinaire”	20s.	24s.
47 & 48. Beaune	30s.	34s.
49. Pommard		36s.
50. Volnay		38s.
51. Corton		52s.
52. Richebourg.....		72s.
53. Romane.....		60s.
BEAUJOLAIS. 54.		18s.
SAUTERNE. —55. A fine Wine, not sweet		38s.
56. Chateau Filhot		48s.
HOCK 57. Nierstein.....		24s.
58. Geisenheim		30s.
59. Rauenthal		36s.
60. Rudesheim Berg		42s.
61. Leibfraumilch		50s.
62. Marcobrunner		60s.
63. Johannisberg Claus		70s.
64. Steinberg Cabinet		96s.
MOSELLE 65. Brauneberg	24s. & 30s.	
66. Scharzberg	36s. & 42s.	
67. Oligsberg		60s.
S PARKLING MOSELLE and HOCK	33s., 38s., 48s.	60s.
MADEIRA.....A fine Wine		48s.
CHAMPAGNE ...Crown		30s.
Perrier Jouet, 3rd quality.....		38s.
“ 2nd quality.....		48s.
“ 1st quality.....		60s.
Wachter and Co.’s ditto		60s.
Superior dry, 1st quality extra.....		68s.

All other brands can be supplied at prices proportionately moderate.

SPIRITS.

The following Brandies are pure French Spirit, so far as direct importation can secure genuineness.

		Bottles included.	Jar not included
		Per doz.	Per gal.
BRANDY ...68. Good Cognac	Ten degrees underproof	40s. ...	18s. 6d.
69. Fine Cognac	ditto.....	50s. ...	23 6
70. Fine old Cognac	ditto.....	66s. ...	31 6

SPIRITS.

		Bottles included.	Jar not included.
		Per doz.	Per Gall.
RUM.....	71. Fine old Jamaica Five degrees underproof	36s.	... 16 6
GIN	72. Finest, unsweetened, Full strength.....	32s.	... 14 6
	73. Ditto, cordialized ditto.....	32s.	... 14 6
HOLLANDS	74. Schiedam, in Dutch Bs. De Kuypers...	32s.	...
	75. Ditto ditto ... Wynand Fockinks	42s.	...
WHISKEY	76. Good Scotch Proof	36s.	... 16 6
	77. Finest Glenlivet ditto	42s.	... 19 6
	78. Good Irish ditto	36s.	... 16 6
	79. Finest old Irish ditto	42s.	... 19 6

LIQUEURS...The following are the best imported, and are all Foreign:
 CURACOA, MARASCHINO, NOYAU..... 9s. per Bottle.

A Full List of Liqueurs can be had on application.



 NOTES AND REMARKS.

CASES, if not returned to us, are charged at 2s. per dozen. We cannot be answerable for cases returned if the original direction cards are removed or defaced. The railway charge must be prepaid on all "RETURNS," or the cases are now not sent forward by the railway companies.

BOTTLES. We allow for our own Bottles (with C. W. S. in punt) 1s. per dozen, and 6d. per dozen for ordinary bottles, which are useless to us, as we do not bottle in them.

PACKAGES. *Stone bottles*, covered with basket work, are charged at 1s. 6d a Gallon.—7 Gall. Drums and Cases, 10s. Adamas tap, 1s. 6d.—Qr. Casks, 10s. If any of these packages are returned to be re-filled no charge is made, and when finally returned (in good order) we allow 1s. 3d. per gallon for the stone bottles, 8s. 4d. for drum and case, and 8s. 4d. for a Quarter Cask.

CARRIAGE. We pay carriage to any railway station in England *on even a single dozen*. If charged a second time by the railway officials, on receipt of the carriage note we will recover and remit the amount.



SAVORY AND MOORE'S SPECIAL PREPARATIONS

and Appliances in aid of Medicine and Surgery.

EUCALYPTUS GLOBULUS, or **Fever Tree**. Preparations—
Tincture, Fluid Extract, Solid Extract, Powder, and Essential Oil.

“Employed with success in Intermittent Fever, Bronchitis, Asthma, &c., and strongly recommended as a Tonic and Stimulant.”—*Vide THE LANCET*, April 20th, 1872, page 557.

LACTO-PHOSPHATE OF LIME. } **WINE** and **SYRUP.**
LACTO-PHOSPHATE OF IRON. }

N.B.—The Syrups are more concentrated than Dr. Dusart's, and the patient consequently takes *considerably less sugar* in a dose.

GENUINE PANCREATIC EMULSION, as originally prepared by them, and the only kind recognised by the Medical Profession.

THE BEST FOOD FOR INFANTS. Used in the Nurseries of the Royal Families of England and Russia.

PURE PANCREATINE effects the digestion and assimilation of Cod-liver Oil and fatty substances generally.

PANCREATINE POWDER, PILLS, and WINE, and PANCREATIC COCOA.

PANCREATISED (DIGESTIVE) COD-LIVER OIL. The labels give directions for producing a Pancreatic Emulsion, and a test for the digestive principle.

ETHERODYNE. SUPERIOR TO CHLORODYNE.

A perfectly clear, bright fluid, readily miscible with water, &c.

KHEESAH, OR IMPROVED FRICTION GLOVES AND BELT. For promoting a healthy and agreeable action of the skin.

DATULA TATULA, for inhalation in Asthma, Bronchitis, &c. Cigars and Cigarettes, Pastilles, and in the form for use by means of the REGISTERED MEDICAL PIPES, invented by JAMES BIRD, Esq., by which the amount of smoke and air inhaled may be regulated.

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