

AN  
**Illustrated Catalogue**

OF  
**SCIENTIFIC INSTRUMENTS**

MANUFACTURED AND SOLD BY

**R. & J. BECK,**

TO WHOM

THE FOLLOWING MEDALS HAVE BEEN AWARDED:

THE COUNCIL OF THE GREAT EXHIBITION OF 1851,

THE FIRST-CLASS MEDAL OF THE FRENCH EXHIBITION OF 1855,

THE PRIZE MEDAL OF THE INTERNATIONAL EXHIBITION OF 1862.

PART IV.

**TEST-TYPES, OPHTHALMIC INSTRUMENTS, TRIAL-SIGHTS, SPECTACLES, FOLDERS, &c.**

31 CORNHILL, E.C.

FACTORY—LISTER WORKS, HOLLOWAY.

AUGUST 1866.

## INTRODUCTION.

IN no branch of Surgery has more advance been made of late years than in that department which treats of imperfections in vision. The careful study of the various portions of the Eye, and the introduction of the use of the Ophthalmoscope, have led to many important discoveries, and the Ophthalmic Surgeon, in order to carry out his necessary prescriptions, has rightly demanded of the Manufacturing Optician that he should pay more attention to the scientific construction of Spectacles. Nothing tends more to injure the sight than wearing improper glasses, especially concave ones, whilst nothing preserves vision more than the use of suitable ones.

With a view to make this Part of our Catalogue practically useful, we have given on pages 4 & 5 short descriptions of some of the more frequent forms of defective vision which may be assisted by the use of glasses; and for the convenience of persons residing out of London we have printed a set of Test-Types, and have given at page 11 a series of queries, accurate answers to which will enable us to supply glasses suited to most imperfections in vision, whilst at page 5 we have enumerated some of those complaints for any of which the patient should at once consult the Oculist, whose directions we are always ready to carry out.

The Illustrations, which have been engraved with great care, will give an idea of the various forms and patterns of the Frames of our Spectacles, Gold and Shell Folders, Eyeshades, &c.; but for the quality of the glasses the patient is entirely at the mercy of the optician. We have experienced so much difficulty in procuring them accurately worked, that we now grind all at our Factory at Holloway; and by making use of glass of a given density we ensure, with the same curve, uniformity in quality, perfect coincidence of foci, and equality of tint. Spectacles should be made to fit firmly on the face without pinching; much of the comfort attending their use depends on their so doing; and the more complete the information given as to the shape of the head, the better are we enabled to suit the patient: a Carte-de-Visite portrait is a great assistance.

R. AND J. BECK.

THE HUMAN EYE.

FIG. I.

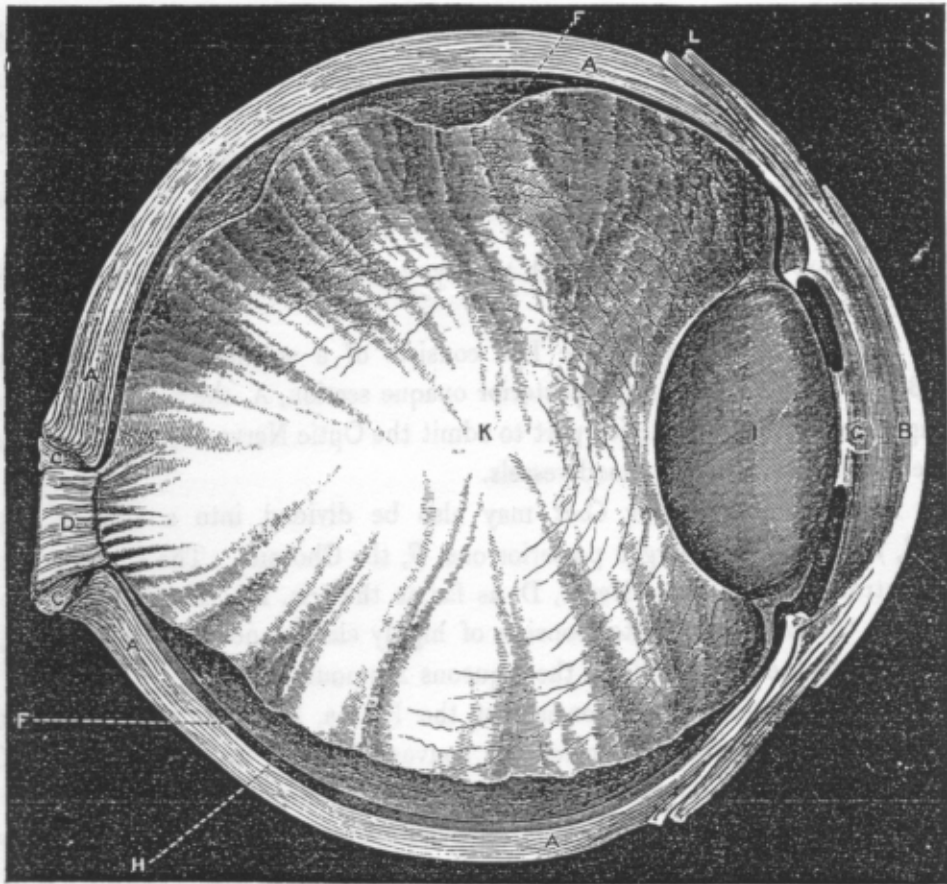
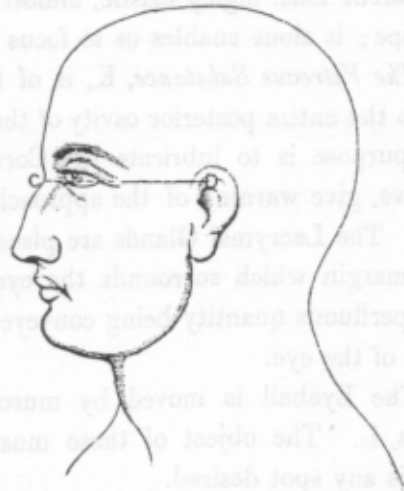


FIG. II.



FIG. III.



DESCRIPTION OF THE HUMAN EYE.

Page 2. Fig. I.

The Eyeball may be defined as a globe or sphere, the external coats or tunics of which consist of three layers,—first, an outer fibrous coat comprising the Sclerotica and Cornea; secondly, an intermediate coat, the Choroid and the Iris; and thirdly, an internal nervous coat, the Retina, with the expansion of the Optic Nerve.

These three tunics encase two internal refracting media—the Vitreous Substance and the Crystalline Lens.

The accessory parts connected with the Eye are the Eyelids, the Muscles, and the Lacrymal Organs.

*The Outer Fibrous Coat* of the Eye consists of a smaller anterior transparent section, B, the Cornea, and a larger posterior opaque section, A, the Sclerotica: this has a large aperture, C, in its posterior part to admit the Optic Nerve, D, besides numerous small ones for the entrance of blood-vessels.

*The Intermediate Vascular Coat* may also be divided into a smaller anterior portion, E, the Iris, and a larger posterior one, F, the Choroid. The Choroid extends from the entrance of the Optic Nerve, D, as far as the Iris, E. The Pupil of the Eye is formed in the Iris, which latter consists of highly elastic and contractile tissue, and is separated from the Cornea, B, by the Aqueous Humour, G.

*The Internal Nervous Coat* consists of the Retina, H: it is a thin transparent membrane receiving impressions which are conveyed to the brain through the Optic Nerve. The fibres of the Optic Nerve are spread over and pass into the Retina. This Coat is shown in the engraving, slightly removed from the Vascular Coat upon which it lies.

*The Crystalline Lens*, I, is suspended immediately behind the pupil; it is a perfectly transparent lens, highly elastic, almost constantly in motion, and continually changing its shape; it alone enables us to focus the eye to near or distant objects.

*The Vitreous Substance*, K, is of the consistency of the white of a hen's egg, and fills up the entire posterior cavity of the Eyeball. The Eye is protected by the Eyelids; their purpose is to lubricate the Cornea; whilst the Eyelashes, which are extremely sensitive, give warning of the approach of danger, and protect it by causing the lids to wink. The Lacrymal Glands are placed close by the lids, behind the outer and upper bony margin which surrounds the eye, and discharge their contents over its surface, the superfluous quantity being conveyed into the nose by a small aperture in the inner corner of the eye.

The Eyeball is moved by muscles attached to it close to the margin of the Cornea, L. The object of these muscles, six in number, is to direct the Eyeballs towards any spot desired.

PRESBYOPIA, OR LONG SIGHT.

Some of the most frequent cases brought before the Optician are those in which a person finds he can no longer read small type (say, his newspaper) at a distance of from 10 to 12 inches, but has to remove it to 14 or 16 inches, or even further.

This is owing to the Crystalline Lens, which in a normal eye is of a highly elastic character, losing, as a natural consequence of advancing age, its elasticity and becoming harder, thereby producing a want of focusing-power in the eye.

If this change, called Presbyopia, or Long Sight, which is the result of advancing life, is accompanied only by the want of acuteness in vision, it is easily rectified: and replies to the queries given on page 11 will enable us to supply glasses suited to the person so suffering.

As soon as this deficiency of power is detected, glasses should be used.

MYOPIA, OR SHORT SIGHT.

This very common defect is remedied by the use of Concave glasses. There is a danger of confounding it with Weak Sight (Hypermetropia): in both cases the person holds the object very near to obtain distinct vision. Such sight should always be tested for a distant object, as only Myopic eyes are benefited by Concave glasses.

Short sight (Myopia) was formerly considered to be dependent on a faulty curve of the cornea. It has, however, been clearly shown, by measuring the reflex images of the surface of the cornea, that it is owing to an abnormally thin condition of the coats of the eyeball near the optic nerve, together with a corresponding change of shape, Short-sighted persons having generally egg-shaped eyeballs.

The earliest care should be taken, if a child is found to be Short-sighted, to prevent his holding anything close to the eye, and to provide him with proper Spectacles, to avoid congestion of this organ.

HYPERMETROPIA AND SQUINTING.

Some eyes soon become fatigued, especially in young persons. In order to obtain best vision, they bring the object looked at very near the eye. This complaint is termed Hypermetropia; but it is frequently mistaken for Short sight, or Myopic vision. Such eyes require the application of Convex lenses, and in some instances Prismatic ones, to remove the sensation of fatigue. These patients experience an aching and watering of the eyes, and sometimes a confusion or disappearance of an object when looked at close, even for a short time. The sight is worse in artificial and bad light. This complaint is owing to the eyeball being too short, and is just the reverse of Myopia. The muscular effort to make up for the faulty shape of the eye causes the sensation of fatigue. Paralysis or Spasm of the focusing-power of the eye, weakness of the Retina, or of the Muscles which move the eye may produce similar symptoms; but they are mostly caused by the above defect.

Squinting is a common complication of Hypermetropia, and is often caused by the latter. As soon as any impairment of sight is observed in children, Convex glasses

should be tried to determine whether the child is suffering from Myopia or Hypermetropia; and if the latter, Spectacles should be used at once, to avoid further injury to the Eyes, and especially the occurrence of squinting.

#### ASTIGMATISM.

This is a derangement of sight caused by an abnormal curvature of the different parts of the anterior surface of the Cornea; this varies most frequently in the vertical and horizontal directions. When the difference exceeds a certain degree it becomes troublesome and impairs vision; persons afflicted with this complaint have generally suffered from Weak sight from infancy, and may be mistaken for Short-sighted (Myopic) patients. The mode of ascertaining the existence of this complaint is to determine whether the patient can see horizontal and vertical lines equally well at the same distance. Astigmatic persons are greatly relieved by the use of Cylindrical glasses: the exact curves and position of these lenses should be determined by careful examination, and no one suffering from Astigmatism should omit at once consulting an Oculist.

#### CATARACT.

Cataract is a degeneration of the substance of the Crystalline Lens. Persons who find it necessary to change their glasses frequently, should be examined by an Oculist for Cataract or Glaucoma; if the symptoms indicate the former, Spectacles of different kinds are required, before the operation, immediately after, and when the irritation of the operation has subsided. Great care should be taken before the operation to use only the most agreeable light. Tinted Spectacles should be worn out of doors, and a Shade whilst in doors; persons who have been accustomed to wear Long-sight glasses should not discontinue the use of them if possible. In cases of partial Cataract, spectacles which exclude light from particular portions of the eye are sometimes found useful. After the operation the Oculist is the proper person to prescribe the sort of glasses to be worn; and the patient should be very careful to attend closely to the advice given, as the success of the operation in great measure depends upon his so doing.

#### VARIOUS COMPLAINTS OF THE EYE.

*Musca volitantes*.—"Black spots," assuming sometimes the appearance of spider's webs, are very annoying, and at times become so numerous as greatly to impair vision. To such eyes Tinted Spectacles are a great relief.

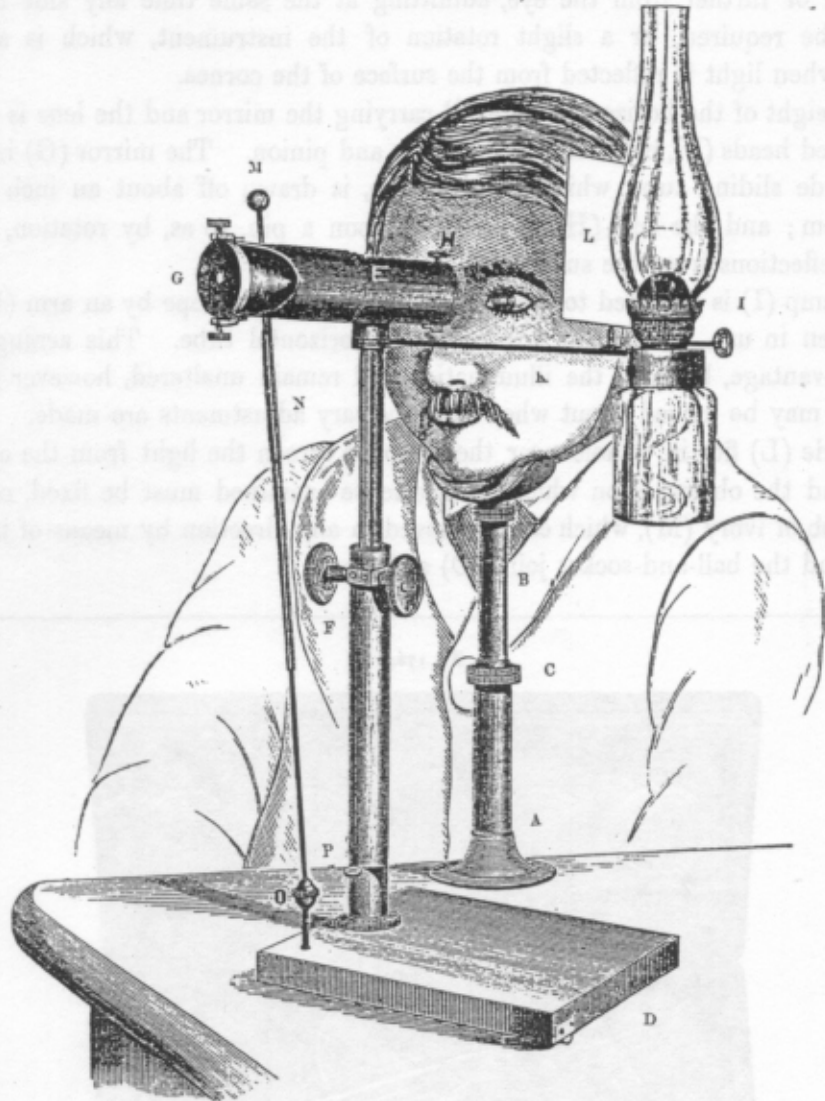
The same remedy may be applied by persons suffering from Swellings or Twitchings of the Eyelids, or loss of the Eyelashes.

There are other affections of the eyes, many of which can be assisted by Spectacles; but we do not presume to enter into a description of them, as almost every case requires peculiar treatment, and they are all complaints which come under the care of, and should be prescribed for by, the Oculist. Such are Strabismus or Squinting, Double or Treble vision, Erroneous estimate of distance and shape of objects, Colour-blindness, Coloured vision, Rainbow colours round the flame of a candle, Inability to bear light, Night-blindness, Intermittent vision, Half and contracted vision, &c.

R. AND J. BECK, MANUFACTURING OPTICIANS.

BECK'S IMPROVED LIEBREICH'S OPHTHALMOSCOPE.

No. 1762.



THE ILLUSTRATION ON THIS PAGE IS DRAWN TO A SCALE OF ONE-FOURTH.

No.	DESCRIPTION.	Price.
1762.	Beck's Improved Liebreich's Ophthalmoscope, as described below, with Two Lamp-Chimneys, packed in a Portable Mahogany Case ... ..	£ s. d. 5 5 0

The Ophthalmoscope shown in the accompanying drawing (No. 1762) is the same in its optical arrangement as that of Liebreich, but the mechanical construction is much simpler than his; it can be used at the corner of a table without any fixing, the adjustments are easily and quickly made, and its cost is very moderate.

The chin-rest (A) is detached, and will stand of itself, the height being regulated by a sliding tube (B), which may be fixed at any height by the milled ring (C).

31 Cornhill, E.C., and Lister Works, Holloway, London.

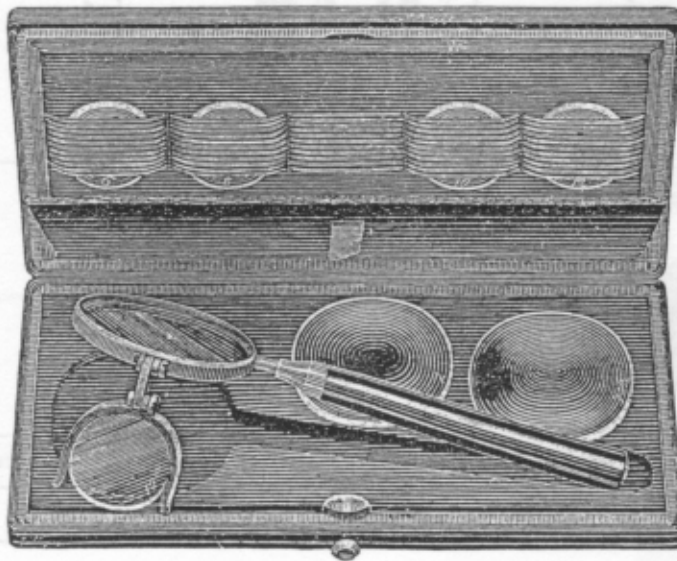
The Ophthalmoscope is mounted upon a mahogany board (D), which has three small rollers underneath, so that the whole of the instrument may be moved in a direct line, nearer or further from the eye, admitting at the same time any side movement that may be required, or a slight rotation of the instrument, which is sometimes necessary when light is reflected from the surface of the cornea.

The height of the horizontal tube (E) carrying the mirror and the lens is regulated by the milled heads (F), connected with a rack and pinion. The mirror (G) is attached to an outside sliding tube, which, when in use, is drawn off about an inch from the upright stem; and the lens (H) is mounted upon a pin, so as, by rotation, to throw aside the reflections from the surfaces of the glass.

The lamp (I) is attached to the stem of the Ophthalmoscope by an arm (K), which should, when in use, be at right angles to the horizontal tube. This arrangement is of great advantage, because the illumination will remain unaltered, however much the instrument may be moved about when the necessary adjustments are made.

A shade (L) fits in a hole near the lamp, to screen the light from the eye of the patient; and the object, upon which the eye to be examined must be fixed, consists of a small knob of ivory (M), which can be moved in any direction by means of its sliding tube (N) and the ball-and-socket joint (O) at its base.

No. 1764.



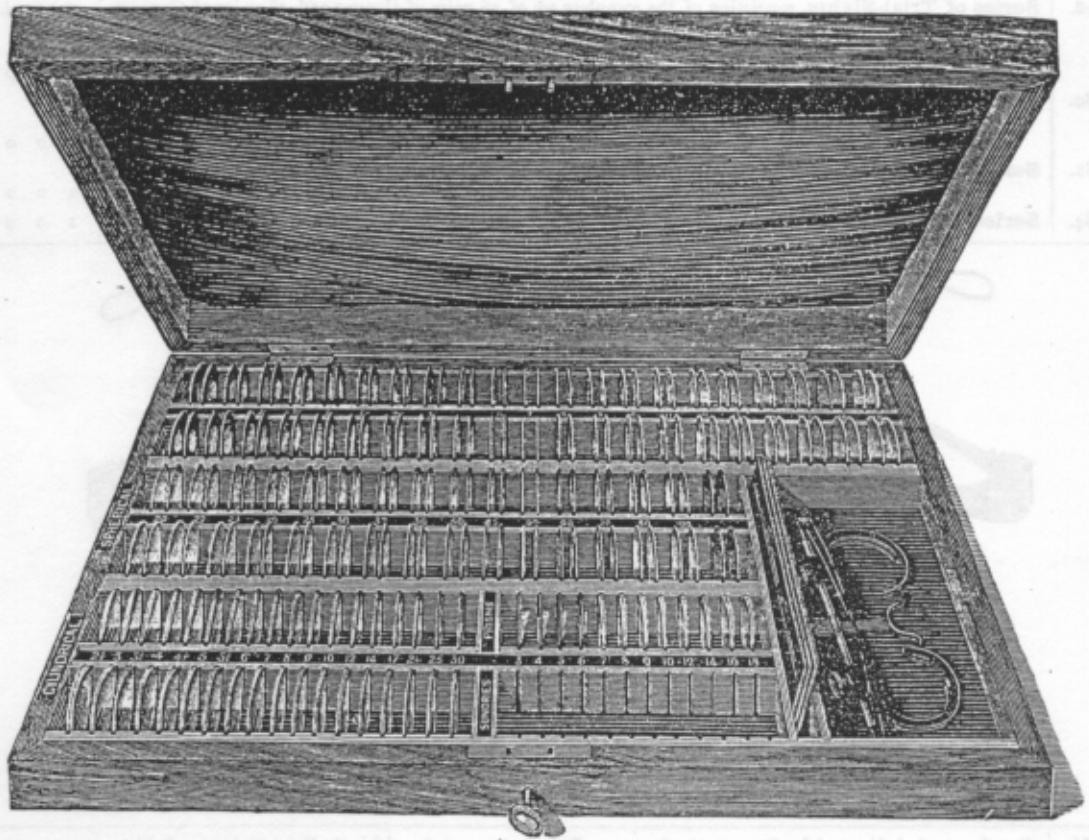
THE ILLUSTRATION ON THIS PAGE IS DRAWN TO A SCALE OF TWO-THIRDS.

No.	DESCRIPTION.	Pric.
1764.	Pocket Ophthalmoscope, with two Bi-convex Lenses, $1\frac{1}{2}$ and 2-inch focus, and a Series of 5 Lenses of various foci, fitting on an Arm behind the perforated Mirror, the whole packed in a Morocco Case...	£ s. d. 1 1 0
1766.	Pocket Ophthalmoscope, Small Size, in Case ... ..	0 18 0
1768.	Zehender's Ophthalmoscope, in Case ... ..	1 1 0
1770.	Improved Adjusting Binocular Ophthalmoscope ... ..	4 4 0

31 Cornhill, E.C., and Lister Works, Holloway, London.

R. AND J. BECK, MANUFACTURING OPTICIANS.

TRIAL-SIGHTS. No. 1774.



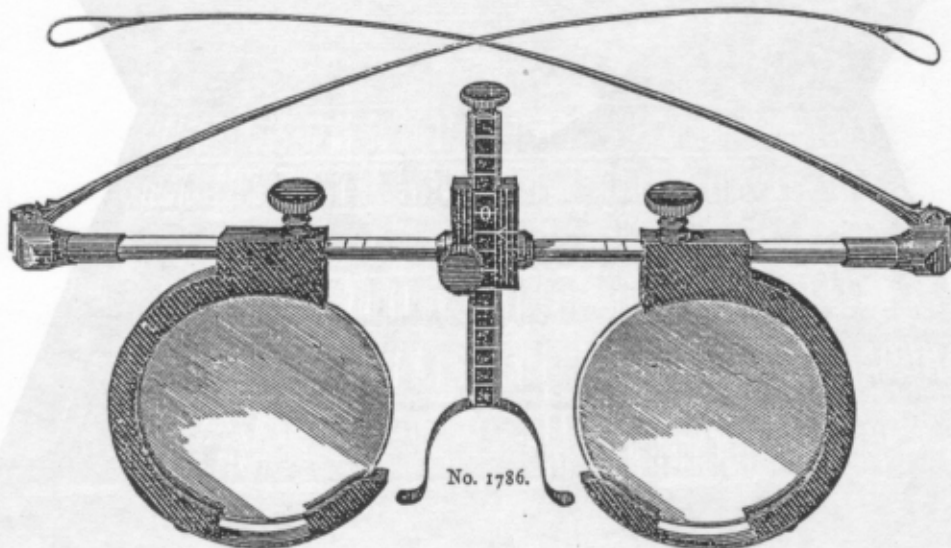
THE ILLUSTRATION ON THIS PAGE IS DRAWN TO A SCALE OF ONE-THIRD.

No.	DESCRIPTION.	Price.																																																																																																																																	
1774.	<p><b>Complete Series of Trial-Sights</b>, consisting of 36 pairs of Convex and 36 pairs of Concave Spherical Lenses, 18 Convex and 18 Concave Cylindrical Glasses, as per Table below, 12 Prisms, angle mentioned in Table below—</p> <p style="text-align: center;">FOCI OF THE VARIOUS LENSES IN INCHES.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">SPHERICAL CONVEX (+).</th> <th colspan="2">SPHERICAL CONCAVE (-).</th> <th colspan="2">CYLINDRICAL +</th> <th colspan="2">CYLINDRICAL -.</th> <th rowspan="2">ANGLE OF PRISMS.</th> </tr> </thead> <tbody> <tr> <td>1</td><td>4</td><td>9</td><td>15</td><td>26</td><td>45</td> <td>1 1/2</td><td>4 1/2</td><td>10</td><td>16</td><td>28</td><td>50</td> <td>2 1/2</td><td>5 1/2</td><td>12</td><td>2 1/2</td><td>5 1/2</td><td>12</td> <td>3°</td><td>9°</td> </tr> <tr> <td>1 1/2</td><td>4 1/2</td><td>10</td><td>16</td><td>28</td><td>50</td> <td>1 1/2</td><td>4 1/2</td><td>10</td><td>16</td><td>28</td><td>50</td> <td>3</td><td>6</td><td>14</td><td>3</td><td>6</td><td>14</td> <td>4°</td><td>10°</td> </tr> <tr> <td>2</td><td>5</td><td>11</td><td>18</td><td>30</td><td>60</td> <td>2</td><td>5</td><td>11</td><td>18</td><td>30</td><td>60</td> <td>3 1/2</td><td>7</td><td>17</td><td>3 1/2</td><td>7</td><td>17</td> <td>5°</td><td>12°</td> </tr> <tr> <td>2 1/2</td><td>6</td><td>12</td><td>20</td><td>32</td><td>70</td> <td>2 1/2</td><td>6</td><td>12</td><td>20</td><td>32</td><td>70</td> <td>4</td><td>8</td><td>21</td><td>4</td><td>8</td><td>21</td> <td>6°</td><td>14°</td> </tr> <tr> <td>3</td><td>7</td><td>13</td><td>22</td><td>36</td><td>80</td> <td>3</td><td>7</td><td>13</td><td>22</td><td>36</td><td>80</td> <td>4 1/2</td><td>9</td><td>25</td><td>4 1/2</td><td>9</td><td>25</td> <td>7°</td><td>16°</td> </tr> <tr> <td>3 1/2</td><td>8</td><td>14</td><td>24</td><td>40</td><td>100</td> <td>3 1/2</td><td>8</td><td>14</td><td>24</td><td>40</td><td>100</td> <td>5</td><td>10</td><td>30</td><td>5</td><td>10</td><td>30</td> <td>8°</td><td>18°</td> </tr> </tbody> </table> <p>2 Blank Disks, 4 Disks with small apertures, 3 Coloured Glasses, and a Graduated Adjustable Frame (No. 1786) for holding the various Lenses, the whole packed in a Strong Mahogany Case ...</p>	SPHERICAL CONVEX (+).		SPHERICAL CONCAVE (-).		CYLINDRICAL +		CYLINDRICAL -.		ANGLE OF PRISMS.	1	4	9	15	26	45	1 1/2	4 1/2	10	16	28	50	2 1/2	5 1/2	12	2 1/2	5 1/2	12	3°	9°	1 1/2	4 1/2	10	16	28	50	1 1/2	4 1/2	10	16	28	50	3	6	14	3	6	14	4°	10°	2	5	11	18	30	60	2	5	11	18	30	60	3 1/2	7	17	3 1/2	7	17	5°	12°	2 1/2	6	12	20	32	70	2 1/2	6	12	20	32	70	4	8	21	4	8	21	6°	14°	3	7	13	22	36	80	3	7	13	22	36	80	4 1/2	9	25	4 1/2	9	25	7°	16°	3 1/2	8	14	24	40	100	3 1/2	8	14	24	40	100	5	10	30	5	10	30	8°	18°	£ s. d.
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1776.	<p><b>Series of Trial-Sights</b>, consisting of 24 pairs of Convex and 24 pairs of Concave Spherical Lenses, 9 Convex, and 9 Concave Cylindrical Glasses, as per Table below, 6 Prisms, as per Table below—</p> <p style="text-align: center;">FOCI OF THE VARIOUS LENSES IN INCHES.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">SPHERICAL CONVEX (+).</th> <th colspan="2">SPHERICAL CONCAVE (-).</th> <th colspan="2">CYLINDRICAL +.</th> <th colspan="2">CYLINDRICAL -.</th> <th rowspan="2">ANGLE OF PRISMS.</th> </tr> </thead> <tbody> <tr> <td>1</td><td>4</td><td>7</td><td>14</td><td>28</td><td>40</td> <td>1</td><td>4</td><td>7</td><td>14</td><td>28</td><td>40</td> <td>3</td><td>6</td><td>14</td><td>3</td><td>6</td><td>14</td> <td>3°</td><td>6°</td> </tr> <tr> <td>1</td><td>4 1/2</td><td>8</td><td>16</td><td>30</td><td>50</td> <td>2</td><td>4 1/2</td><td>8</td><td>16</td><td>30</td><td>50</td> <td>4</td><td>8</td><td>21</td><td>4</td><td>8</td><td>21</td> <td>4°</td><td>14°</td> </tr> <tr> <td>3</td><td>5</td><td>10</td><td>20</td><td>32</td><td>70</td> <td>3</td><td>5</td><td>10</td><td>20</td><td>32</td><td>70</td> <td>5</td><td>10</td><td>30</td><td>5</td><td>10</td><td>30</td> <td>5°</td><td>18°</td> </tr> <tr> <td>3 1/2</td><td>6</td><td>12</td><td>24</td><td>36</td><td>100</td> <td>3 1/2</td><td>6</td><td>12</td><td>24</td><td>36</td><td>100</td> <td></td><td></td><td></td><td></td><td></td><td></td> <td></td><td></td> </tr> </tbody> </table> <p>2 Blank Disks, 2 Disks with small aperture, 3 Coloured Glasses, and a Graduated Adjustable Frame (No. 1786) for holding the various Lenses, the whole packed in a Strong Mahogany Case ...</p>	SPHERICAL CONVEX (+).		SPHERICAL CONCAVE (-).		CYLINDRICAL +.		CYLINDRICAL -.		ANGLE OF PRISMS.	1	4	7	14	28	40	1	4	7	14	28	40	3	6	14	3	6	14	3°	6°	1	4 1/2	8	16	30	50	2	4 1/2	8	16	30	50	4	8	21	4	8	21	4°	14°	3	5	10	20	32	70	3	5	10	20	32	70	5	10	30	5	10	30	5°	18°	3 1/2	6	12	24	36	100	3 1/2	6	12	24	36	100									8 0 0																																								
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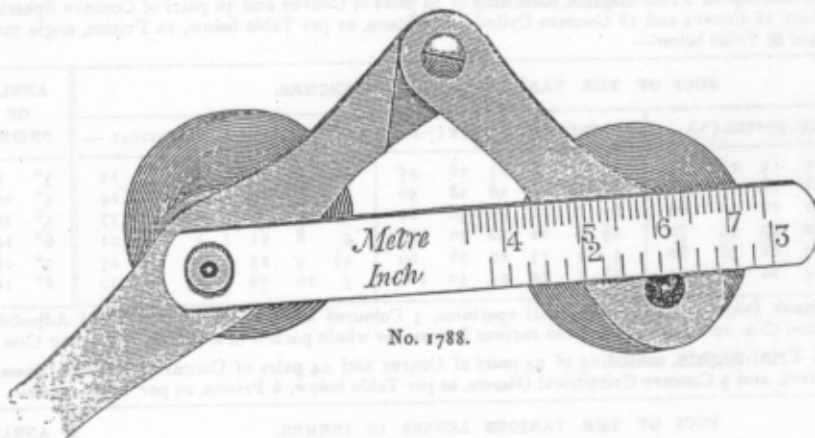
No.	DESCRIPTION (continued).	Price.
1778.	Series of Trial-Sights, consisting of the complete set of 36 pairs of Convex and 36 pairs of Concave Spherical Lenses, as per Table to No. 1774, 2 Blank Disks, 3 Coloured Glasses, and a Graduated Adjustable Frame (No. 1786) for holding the various Lenses, the whole packed in a Strong Mahogany Case ... ..	£ s. d. 6 0 0
1780.	Series of Trial-Sights, consisting of 24 pairs of Convex and 24 pairs of Concave Spherical Lenses, as per Table to No. 1776, 2 Blank Disks, 3 Coloured Glasses, and a Graduated Adjustable Frame (No. 1786) for holding the various Lenses, packed in a Strong Mahogany Case ... ..	4 0 0
1782.	Series of Cylindrical Glasses, consisting of 18 Convex and 18 Concave, as per Table to No. 1774, packed in a Strong Mahogany Case... ..	2 0 0
1784.	Series of 12 Prisms, from 3° to 18°, as per Table to No. 1774, packed in a Strong Mahogany Case ...	1 0 0



No. 1786.

1786. **Graduated Adjustable Spectacle-frame.** This Instrument, in which the Trial-Sights are held by Springs, is placed on the head like an ordinary pair of Spectacles; the distance between the centres of the Eyes is indicated on the Steel bar, and the height of the bridge of the Nose on the Sliding Upright Centrepiece ... ..

1 11 6



No. 1788.

THE ILLUSTRATIONS ON THIS PAGE ARE DRAWN TO THE FULL SIZE.

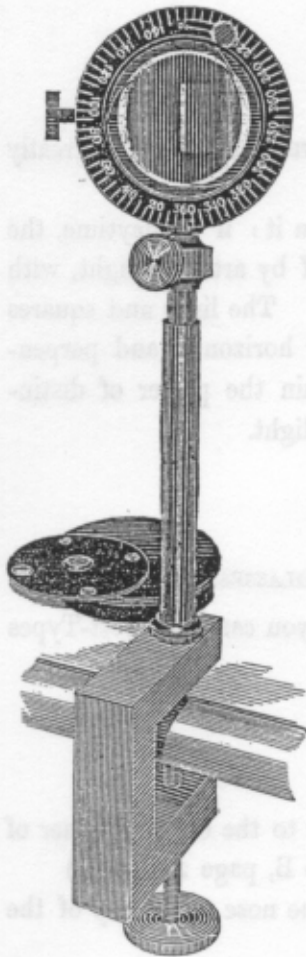
1788. **Adjusting Cones for Measuring the Distance between the Eyes.** Holding the Instrument in the right hand, a distant object should be looked at with the right eye through the hole in the right-hand cone; the other cone, fixed to an adjusting arm, should be moved backwards and forwards until the left eye sees the same object through the aperture in the left cone, and the two holes appear as one. The distance between the Eyes is then indicated on the cross bar, one side of which is divided in inches and tenths, the other to millimetres ... ..

0 15 0

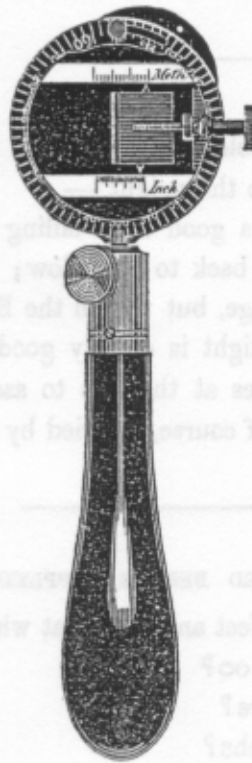
31 Cornhill, E.C., and Lister Works, Holloway, London.

TRIAL-SIGHTS, ETC. (continued).

No. 1790. FIG. I.



No. 1790. FIG. II.



No. 1792.



ILLUSTRATION NO. 1790, FIGS. I. AND II. ARE DRAWN TO A SCALE OF ONE-HALF.

No.	DESCRIPTION.	Price.
1790.	<b>Apparatus for testing the presence of Astigmatism, fitted in Handle, and with a Table-Clamp, in Morocco Case, complete.</b> The Illustrations above show this Instrument as used in the hand or as clamped on the edge of a table. It consists of two revolving rings, divided to 5°, each ring being furnished with springs to hold a cylindrical glass, as shown in Fig. I., a diaphragm fitting in the one ring, and a moveable slit in the other, as shown in Fig. II., and all the adjustments necessary for detecting the presence and amount of this defect in vision ... ..	£ s. d. 4 4 0
1792.	Mullar's Patent Ventilating Eyeshade, First Quality ... ..	0 10 6
1793.	Mullar's Patent Ventilating Eyeshade, Second Quality ... ..	0 7 6
1794.	Mullar's Patent Ventilating Eyeshade, for One Eye only ... .. This Shade allows a free circulation to the air between it and the forehead, keeps the eyes refreshingly cool, and protects them from the injurious effects of gaslight, sudden gusts of wind, or the glare of the sun. To Artists and others obliged to work by artificial light, as also in hot climates, this Eyeshade will be found of great service. It is adjustable to any required position by means of the small screw at each side. (See engraving.) When not in use it can be folded up and carried in the hat.	0 7 6

Cylindrical Glasses, for the relief of Astigmatism, fitted to Frames. Convex, 2s. per pair. Concave, 3s. per pair. Double Cylindrical Convex, 3s. per pair. Double Cylindrical Concave, 4s. per pair.

31 Cornhill, E.C., and Lister Works, Holloway, London.

TEST-TYPES.

THE following "Test-Types" will enable persons to give information that will greatly assist us in supplying glasses suited to their sight:—

The paper should be held with a good light falling upon it: if by daytime, the person should place himself with his back to a window; or if by artificial light, with the full illumination falling on the page, but not on the Eyes. The lines and squares on page 16 are to test whether the sight is equally good for horizontal and perpendicular vision; and the coloured types at the foot to ascertain the power of distinguishing colours: this latter should, of course, be tried by daylight.

PARTICULARS REQUIRED BEFORE SUPPLYING GLASSES.

What is the extreme distance in feet and inches at which you can read Test-Types Nos. 1, 2, 4, 6, 10, 20, 40, 70, and 100?

Have you ever used glasses before?

If so, did they make your eyes ache?

Are the Spectacles required for Reading or Walking?

What is the distance from the outside corner of one eye to the outside corner of the other, measured with a tape across the nose? (From A to B, page 2, fig. II.)

What is the distance from the middle of the bridge of the nose to the top of the ear? (From C to D, page 2, fig. III.)

Is the bridge of the nose prominent or not?

EXTRACTED FROM "HOOD'S COMIC ANNUAL,"

BY PERMISSION OF THE PUBLISHER.

AN ASCENT TO THE SUMMIT OF MOUNT BLANK.

No. 1.

THIS TYPE SHOULD BE READ AT A DISTANCE OF 1 FOOT.

*An Ascent to the Summit of Mount Blank.*—It was on the 1st of August—I remember by my wags running dew, and I wanted to be ris.—that Me and master maid our minds up to the Mountain.—I had Master as spend an account with the Keep Duck—but as that is a cut above, and fit in by only Lords and Ladies, I am reduced to a Peer in the parts of the Queen's Annual.—My H giving leave.

—'Tis we waited at Cham Money, our minds several times might, but considering only twelve Gentlemen and never a footman had bin up, we determin'd to make ourselves particler, and so highered gides to sho us up. For a long tin the whether was dost full weather—dret it nose—then there—and then it is—and that was most agreeable for a temping. The first think I did was to change my bow and wire lorry, as I guess we stand have roof of bow and wire on the mounting—but put so a dret sort for fear of every thing—taken care to have my pockets well crum'd with sand scibes, and, as proved afterwards, they broke my falls very much when I slid on my bow and ass. The land Lord was so kind to lend me his green gaws tap room blind for my eyes, and I recum'd so boldy to go up any dooshill without green vaies—for the hie dusts like wiskia. Sum of the gides wanted me to wear a sort of mixed saskia, —but thought my feet would be the stiffer for a cramp on—and dreted binding any think except my list garters round my shews. I did all this by advice of John Mary Cashay the Chief Gide, who had bin 8 times up to every think. Thus a tired we sit out, on our feet, like Captain Parth, with our New points in our hands.—Master in very good spirits, and has for me I was quit entreated to think what a Agger the Summit of Mount Blank wood cut down the strys of Portland Finale.

31 Cornhill, E.C., and Lister Works, Holloway, London.

TEST-TYPES (continued).

No. 2.

THIS TYPE SHOULD BE READ AT A DISTANCE OF 2 FEET.

Arter slipping and slidding for ours, we cum to the first principle Glazier. To give a correct noshun, let any one suppose a man in fustions with a fraim and glass and puttey and a dimoed pensel, and it's quit the revvers of that. It's the sam with the Mare of Glass. If you dont think of a mare or any think maid of glass you have it xactly. We was three ours gitting over the Glazier, and then come to the Grand Mulletts, ware our beds was bespook—that is, nothing but clean sheats of sno,—and never a warmin pan. To protect our beds we struck our poles agin the rock, with a cloath over them, but it looked like a verry litle tent to so much mounting. There we was,—all Sno with us Sollitory floggers atop. Nothink can giv the sublime idear of it but a twelf Cake. The Gides pintoed out from hear the Pick de Middy, but I was too cold to understand French—and we see a real Shammy leeping, as Master sed, from scrag to scrag, and from pint to pint, for vittles and drink—but to me it looked like jumpin a bout to warm him self. His springs in the middel of Winter I realy beleave as uncredibile. Nothink else was muing xcept Havelaanches, witch is stupendus Sno balls in high situations, as leaves their plaices without warmin, and makes a deal of mischef in howses and families. We shot of our pistle, but has it maid litle or no noise, didnt ear the remarkably fine ekko. We dind at the Grand Mallets on cold

No. 3.

THIS TYPE SHOULD BE READ AT A DISTANCE OF 3 FEET.

foul and a shivver of am, with a litle O de Colon, agen stomical panes. Wat was moor cumfortble we found half a bottel of brandey, left behind by sum one before, and by way of return we left behind a littel crewit of Chilly Viniger for the next cummer, whoever he mite be or not. After this repass'd, we went to our sublime rests, I may say, in the Wurd's garrits, up 150 pare of stares. As faling out of Bed was dangerus, we riz a wal of stons on each side. Knowing how comfortble Master sleeps at Home, I regretted his unaccommodation, and partickly as he was verry restless, and evry tim he stird kickd me about the Hed. I laid awack a good wile thinking how littel Farther, down in Summerset Sheer, thought I was up in Mount Blank Sheer; but at long and last I went of like a top, and dremt of Summutts. Won may sleep on wus pillers then Nap Sacks. Next mornin we riz erly, having still a good deal to git up,

No. 4.

THIS TYPE SHOULD BE READ AT A DISTANCE OF 4 FEET.

and skrambled on agin, by crivises and crax as maid our flesh crawl on hands and nees to look at. Master wanted to descend in a crack, but as he mite not git up in a crack agin, his letting himself down was unrecomended. Arter menny ours works, we cum to the Grand Plato. Master called it a vast Amphi-Theater; and so it is, except Du-Crow and the Horses and evry thing. Hear we brekfisted, but was sirprizd at our stomicks not having moor hedges, Master only eting a Chickin wing, and me only eting all the rest. We had littel need to not eat,—

No. 5.

THIS TYPE SHOULD BE READ AT A DISTANCE OF 5 FEET.

the most uneasy part to go was to cum. In about too ours we cum to a Sno wall, up rite as high as St. Paul's; that maid us cum to an alt, and I cood not help saying out, Wat is only too human legs to 200 feet! Howsumever, after a bottel of Wine we was abel to proceed in a zig zag direxion,—the Gides axing the way, and cutting steps afore. After a deal of moor white Slavery, we succided in gitting up to the Mounting's top, and no body can hav a distant idea

TEST-TYPES (continued).

No. 6.

THIS TYPE SHOULD BE READ AT A DISTANCE OF 6 FEET.

of it, but them as is there. Such Sno! And ice enuf to serve all the Fish Mungers, and the grate Routs till the end of the Wurd! I regrets my joy at cumming to the top maid me forget all I ment to do at it; and in partickler to thro a tumble over hed and heals, as was my mane object in going up. Howsumever, I shall

No. 7.

THIS TYPE SHOULD BE READ AT A DISTANCE OF 7 FEET.

always be abel to say Me and Master as bin to the Summit of Mount Blank, and so has a little butterfly. I ought to mension the curiousness of seeing one there, but we did not ketch it, as it

No. 10.

THIS TYPE SHOULD BE READ AT A DISTANCE OF 10 FEET.

was too far abov us. We dissented down in much shorter time, and without anny axident xcept Masters

No. 20.

THIS TYPE SHOULD BE READ AT A DISTANCE OF 20 FEET.

SLIDING TELLISCOPE WITCH ROLED  
OF THE ICE WEN WE CUM AGIN  
TO SHAM MONEY THE LAND

No. 40.

THIS TYPE SHOULD BE READ AT A DISTANCE OF 40 FEET.

LORD ASKD  
OUR NAME  
TO BE RIT  
INN THE

No. 50.

THIS TYPE SHOULD BE READ AT A DISTANCE OF 50 FEET.

BOOK AS  
WAS DUN  
BY Mr. W.

No. 70.

THIS TYPE SHOULD BE READ AT A DISTANCE OF 70 FEET.

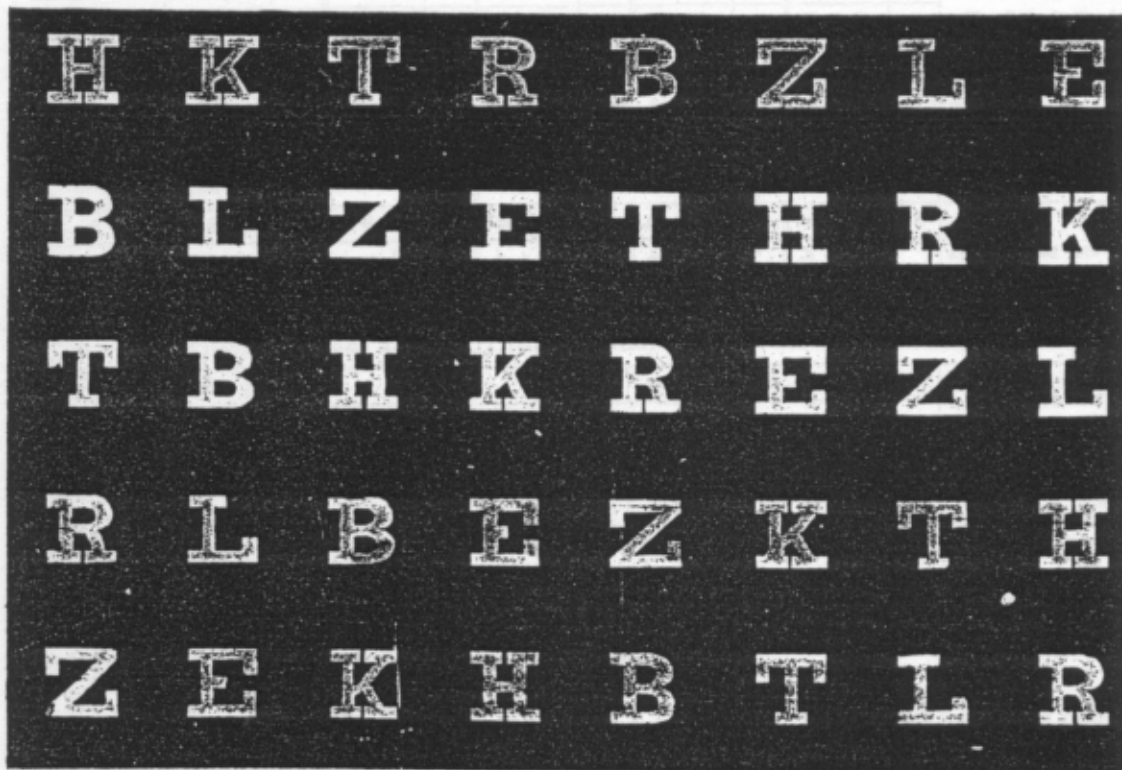
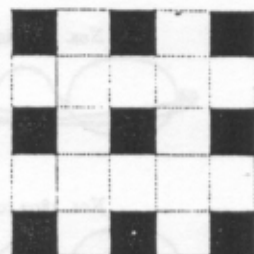
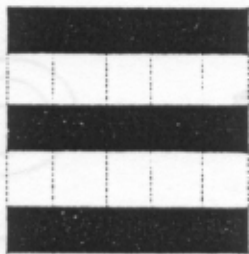
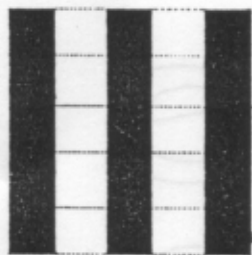
**IN PRO  
SEBUT  
BYMEIN**

No. 100.

THIS TYPE SHOULD BE READ AT A DISTANCE OF 100 FEET.

**P O E  
T R Y**

"MOUNT BLANC IS VERY HARD TO BE CUM AT, BUT ME AND MASTER AS BIN TO ITS SUMMUT."



R. AND J. BECK, MANUFACTURING OPTICIANS.

GOLD AND SILVER SPECTACLES.

Nos. 1801 to 1806.



Nos. 1843 to 1848.  
Nos. 1857 to 1862.



Nos. 1807 to 1812.



Nos. 1827 to 1832.



THE ILLUSTRATIONS ON THIS PAGE ARE DRAWN TO A SCALE OF ONE-HALF.

DOUBLE-JOINTED GOLD SPECTACLES FOR GENTLEMEN (LONG SIGHT). CASE No. 1951 INCLUDED.

DESCRIPTION.	SIDES ON ANGLE.					SIDES STRAIGHT.						
	QUALITY OF GOLD.					QUALITY OF GOLD.						
	No.	50s. per oz.	No.	60s. per oz.	No. Standard.	No.	50s. per oz.	No.	60s. per oz.	No. Standard.		
Fitted with best Brazilian Pebbles ... ..	1801.	£ s. d. 2 8 6	1802.	£ s. d. 3 12 6	1803.	£ s. d. 5 10 0	1807.	£ s. d. 2 8 6	1808.	£ s. d. 3 12 6	1809.	£ s. d. 5 10 0
Fitted with best Glasses ...	1804.	£ s. d. 2 3 6	1805.	£ s. d. 3 7 6	1806.	£ s. d. 5 5 0	1810.	£ s. d. 2 3 6	1811.	£ s. d. 3 7 6	1812.	£ s. d. 5 5 0

SINGLE-JOINTED GOLD SPECTACLES FOR LADIES (LONG SIGHT). CASE No. 1951 INCLUDED.

DESCRIPTION.	SIDES ON ANGLE.					SIDES STRAIGHT.						
	QUALITY OF GOLD.					QUALITY OF GOLD.						
	No.	50s. per oz.	No.	60s. per oz.	No. Standard.	No.	50s. per oz.	No.	60s. per oz.	No. Standard.		
Fitted with best Brazilian Pebbles ... ..	1821.	£ s. d. 2 5 0	1822.	£ s. d. 3 1 0	1823.	£ s. d. 5 0 0	1827.	£ s. d. 2 5 0	1828.	£ s. d. 3 1 0	1829.	£ s. d. 5 0 0
Fitted with best Glasses ...	1824.	£ s. d. 2 0 0	1825.	£ s. d. 2 18 0	1826.	£ s. d. 4 15 0	1830.	£ s. d. 2 0 0	1831.	£ s. d. 2 18 0	1832.	£ s. d. 4 15 0

GOLD SPECTACLES FOR GENTLEMEN (SHORT SIGHT). CASE No. 1951 INCLUDED.

DESCRIPTION.	DOUBLE BRIDGE.					CURVED SIDES.						
	QUALITY OF GOLD.					QUALITY OF GOLD.						
	No.	50s. per oz.	No.	60s. per oz.	No. Standard.	No.	50s. per oz.	No.	60s. per oz.	No. Standard.		
Fitted with best Brazilian Pebbles ... ..	1837.	£ s. d. 2 10 0	1838.	£ s. d. 3 15 0	1839.	£ s. d. 6 6 0	1843.	£ s. d. 2 7 0	1844.	£ s. d. 3 1 0	1845.	£ s. d. 4 10 0
Fitted with best Glasses ...	1840.	£ s. d. 2 5 0	1841.	£ s. d. 3 10 0	1842.	£ s. d. 6 0 0	1846.	£ s. d. 2 2 0	1847.	£ s. d. 2 18 0	1848.	£ s. d. 4 5 0

GOLD SPECTACLES FOR LADIES (SHORT SIGHT). CASE No. 1951 INCLUDED.

DESCRIPTION.	STRAIGHT SIDES.					CURVED SIDES.						
	QUALITY OF GOLD.					QUALITY OF GOLD.						
	No.	50s. per oz.	No.	60s. per oz.	No. Standard.	No.	50s. per oz.	No.	60s. per oz.	No. Standard.		
Fitted with best Brazilian Pebbles ... ..	1851.	£ s. d. 2 5 0	1852.	£ s. d. 3 1 0	1853.	£ s. d. 5 0 0	1857.	£ s. d. 2 7 0	1858.	£ s. d. 3 1 0	1859.	£ s. d. 4 10 0
Fitted with best Glasses ...	1854.	£ s. d. 2 0 0	1855.	£ s. d. 2 18 0	1856.	£ s. d. 4 15 0	1860.	£ s. d. 2 2 0	1861.	£ s. d. 2 18 0	1862.	£ s. d. 4 5 0

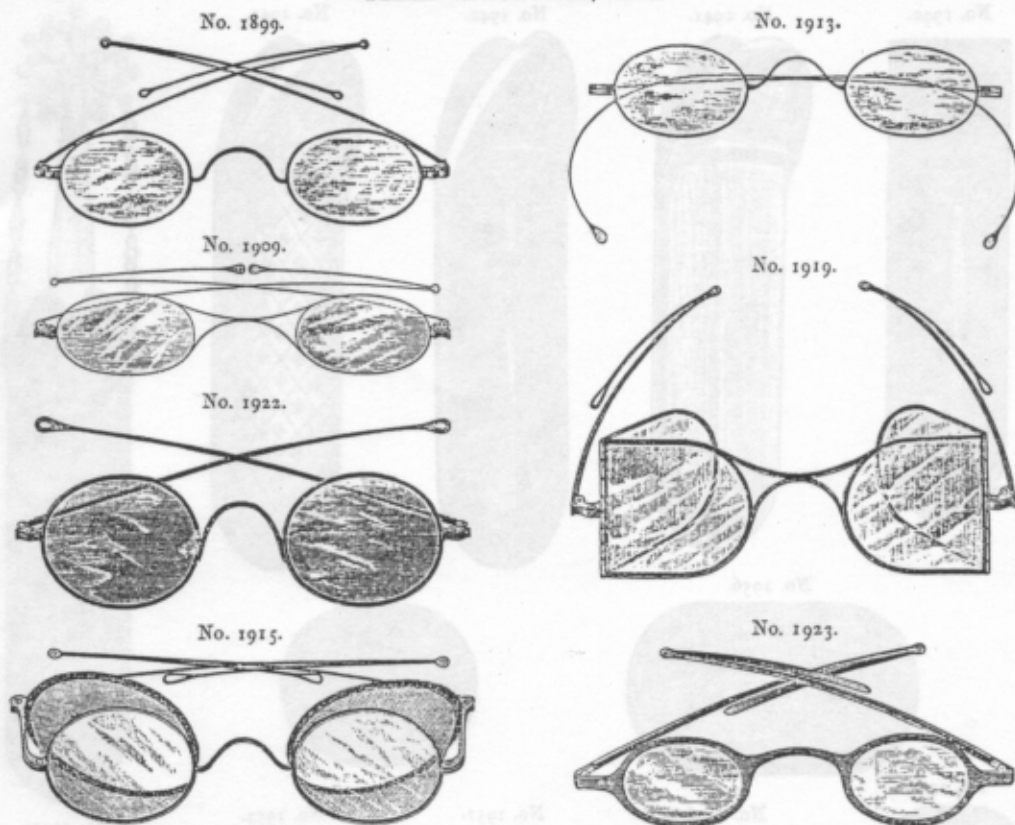
SILVER SPECTACLES. CASE No. 1940 INCLUDED.

DESCRIPTION.	LONG SIGHT.				SHORT SIGHT.			
	No.	First Quality.	No.	Second Quality.	No.	First Quality.	No.	Second Quality.
		£ s. d.		£ s. d.		£ s. d.		£ s. d.
Gentlemen's, fitted with best Brazilian Pebbles ...	1871.	£ s. d. 1 6 0	1872.	£ s. d. 0 17 6	1873.	£ s. d. 1 6 0	1874.	£ s. d. 0 18 0
Gentlemen's, fitted with best Glasses ... ..	1875.	£ s. d. 1 1 0	1876.	£ s. d. 0 12 6	1877.	£ s. d. 1 1 0	1878.	£ s. d. 0 13 0
Ladies, fitted with best Brazilian Pebbles ... ..	1879.	£ s. d. 1 5 0	1880.	£ s. d. 0 15 6	1881.	£ s. d. 1 5 0	1882.	£ s. d. 0 16 0
Ladies, fitted with best Glasses ... ..	1883.	£ s. d. 1 0 0	1884.	£ s. d. 0 10 6	1885.	£ s. d. 1 0 0	1886.	£ s. d. 0 11 0

31 Cornhill, E.C., and Lister Works, Holloway, London.

R. AND J. BECK, MANUFACTURING OPTICIANS.

STEEL SPECTACLES, ETC.



THE ILLUSTRATIONS ON THIS PAGE ARE DRAWN TO A SCALE OF ONE-HALF.

STEEL SPECTACLES (LONG AND SHORT SIGHT). CASE No. 1940 INCLUDED.

DESCRIPTION.	FIRST QUALITY.				SECOND QUALITY.		THIRD QUALITY.	
	No.	Pebbles.	No.	Glasses.	No.	Glasses.	No.	Glasses.
Fronts on Angle, Turnpin Sides, for Gentlemen ... ..	1891.	£ s. d. 1 1 0	1892.	£ s. d. 0 16 0	1893.	£ s. d. — — —	1894.	£ s. d. — — —
Fronts on Angle, Single Sides, for Ladies ... ..	1895.	1 0 0	1896.	0 15 0	1897.	— — —	1898.	— — —
Fronts Straight, Turnpin Sides, for Gentlemen ... ..	1899.	1 1 0	1900.	0 16 0	1901.	0 7 6	1902.	0 2 6
Fronts Straight, Single Sides, for Ladies ... ..	1903.	1. 0 0	1904.	0 15 0	1905.	0 6 6	1906.	0 3 0

DESCRIPTION.	FOR GENTLEMEN.		FOR LADIES.	
	No.	Price.	No.	Price.
Extra Light Steel Spectacles, with Best Glasses, in Case No. 1951 ... ..	1909.	£ s. d. 1 1 0	1910.	£ s. d. 1 0 0
Light Steel Spectacles, Curved Sides, First Quality, with Best Grooved Pebbles, in Case No. 1951 ... ..	1911.	1 11 6	1912.	1 11 6
Light Steel Spectacles, Curved Sides, Second Quality, with Best Glasses, in Case No. 1940 ... ..	1913.	0 12 6	1914.	0 12 6
Railway or Driving Spectacles, Gauze Sides, in Steel Frames, Tinted Glasses, in Case... ..	1915.	1 1 0	1916.	1 0 0
Railway or Driving Shades, fitted with Elastic Cord, Tinted Glasses, in Tin Box ... ..	1917.	0 3 6	1918.	0 3 6
Horseshoe Frames, Gauze or Glass Sides, Tinted or Plain Glasses, in Case No. 1940 ... ..	1919.	1 1 0	1920.	1 0 0
Tinted Curved Glasses, in Steel Frames, in Clasp Case ... ..	1921.	0 14 0	1922.	0 13 0
Tortoiseshell-Frame Spectacles, with Best Glasses, in Case No. 1940 ... ..	1923.	1 3 0	1924.	1 1 0
Horn-Frame Spectacles, with Glasses, in Case No. 1959 ... ..	1926.	0 5 6	1927.	0 5 0

REPAIRS AND EXCHANGES.

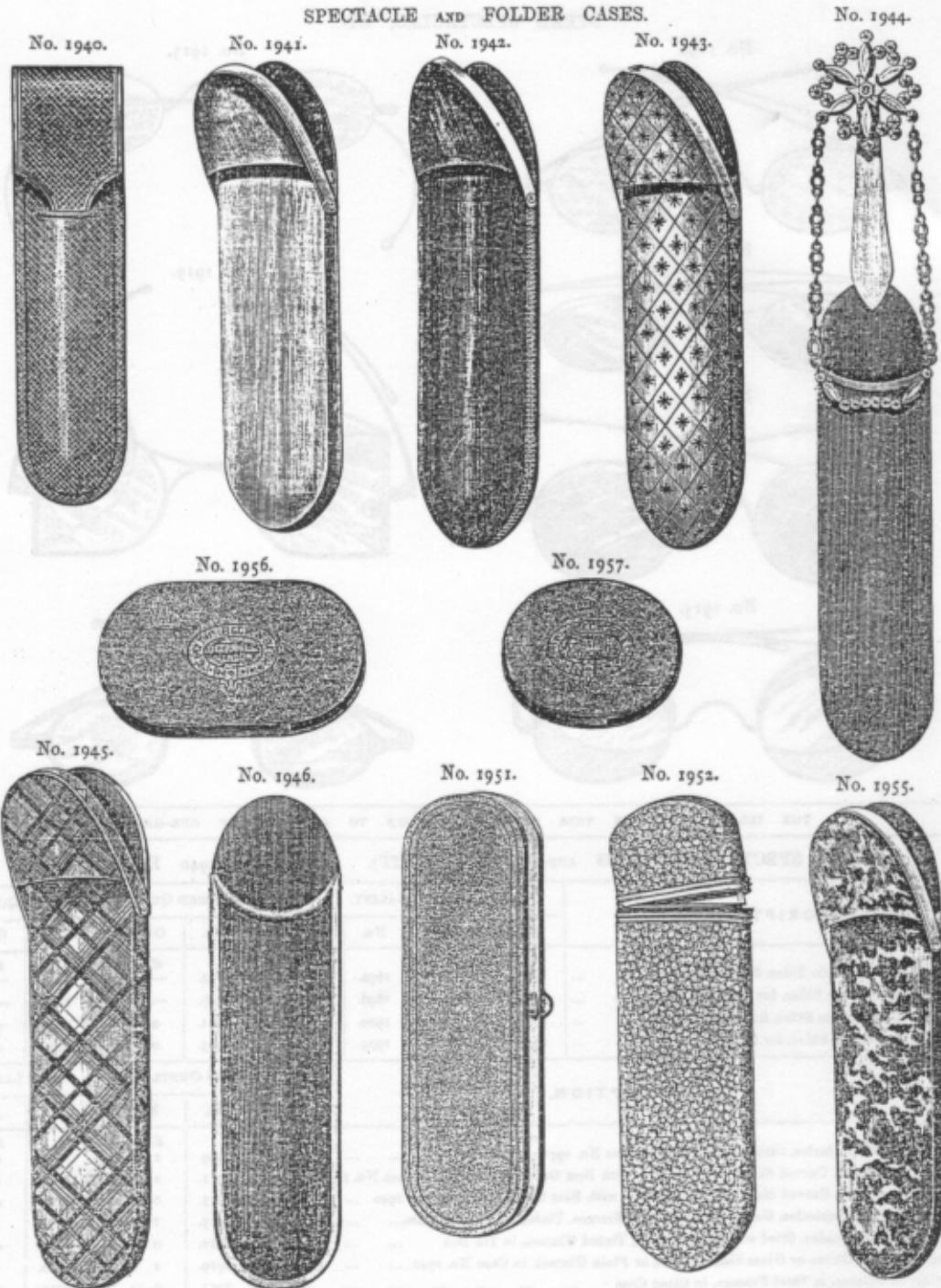
Glasses to Spectacles, 3s.	Pebbles to Spectacles, 8s.	Rebluing Steel Frames, 1s. 6d.
Cataract Glasses, 1s. 6d. extra.	Cataract Pebbles, 12s.	New Side to Best Steel Spectacles, 3s. 6d.
Tinted Glasses, 2s. extra.	Exchanging Pebbles, 5s.	Resoldering Bridge of Spectacles, 1s.

REPAIRS EXECUTED ON THE PREMISES.

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R. AND J. BECK, MANUFACTURING OPTICIANS.

SPECTACLE AND FOLDER CASES.



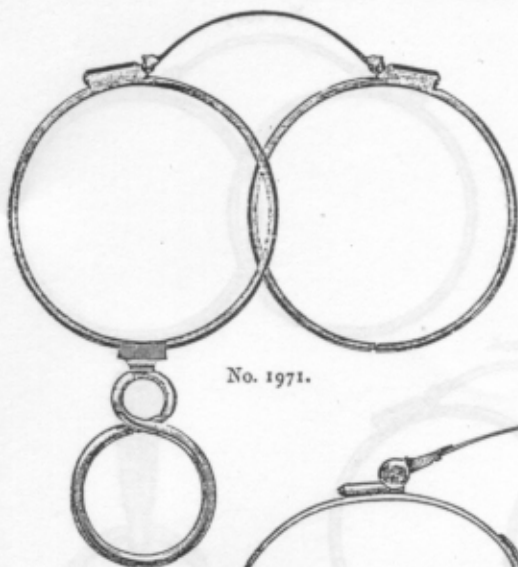
THE ILLUSTRATIONS ON THIS PAGE ARE DRAWN TO A SCALE OF ONE-HALF.

No.	DESCRIPTION.	Price.	No.	DESCRIPTION.	Price.
1940.	Ordinary Tuck Case ... ..	£ s. d.	1952.	Gold-mounted Shagreen or Shell Hinge Case ... ..	4 4 0
1941.	Wooden Frogmouthed Case ... ..	0 1 6	1953.	Silver-mounted Shagreen or Shell Hinge Case ... ..	0 10 6
1942.	Velvet with Gilt Band, Frogmouthed Case ... ..	0 2 6	1954.	Gold-mounted Shagreen or Shell Frogmouthed Case ... ..	1 1 0
1943.	Morocco with Gilt Lines and Stars, Frogmouthed Case. ... ..	0 2 0	1955.	Silver-mounted Shagreen or Shell Frogmouthed Case ... ..	0 10 6
1944.	Velvet Chatelaine Case ... ..	0 4 6	1956.	Best Cases for Folders ... ..	0 1 0
1945.	Scotch Plaid Frogmouthed Case ... ..	0 1 6	1957.	Best Cases for Folders ... ..	0 1 0
1946.	Velvet Gilt Rim, Waistband Case ... ..	0 1 0	1958.	Hospital Cases, Morocco ... ..	0 0 6
1951.	Best Morocco Hinge Case, for Gold and Light Steel ... ..	0 1 6	1959.	Hospital Cases, Wood ... ..	0 0 4

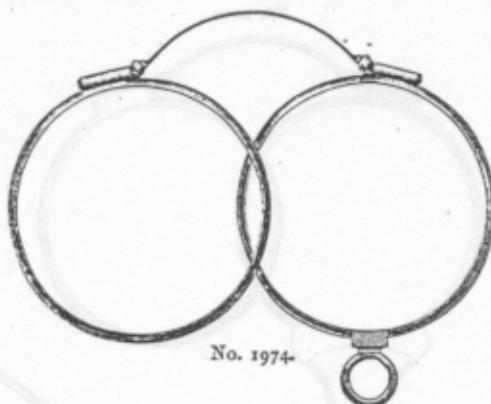
31 Cornhill, E.C., and Lister Works, Holloway, London.

R. AND J. BECK, MANUFACTURING OPTICIANS.

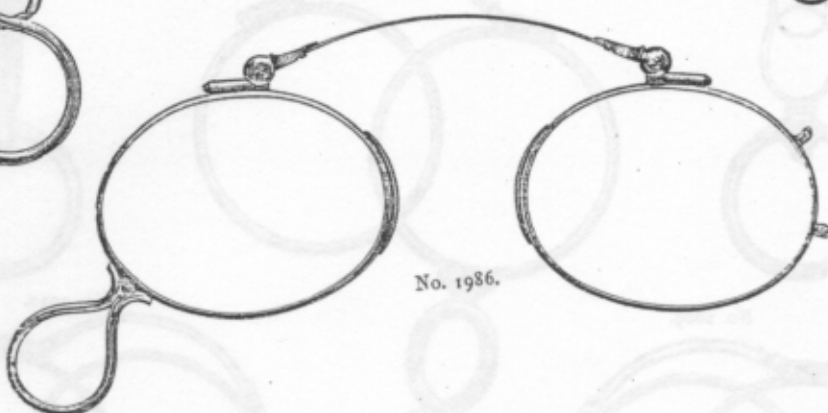
GOLD FOLDERS FOR GENTLEMEN.



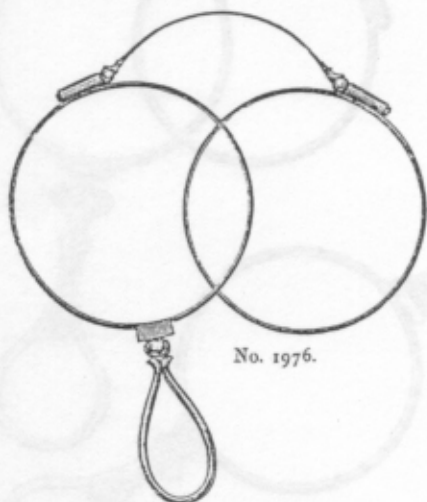
No. 1971.



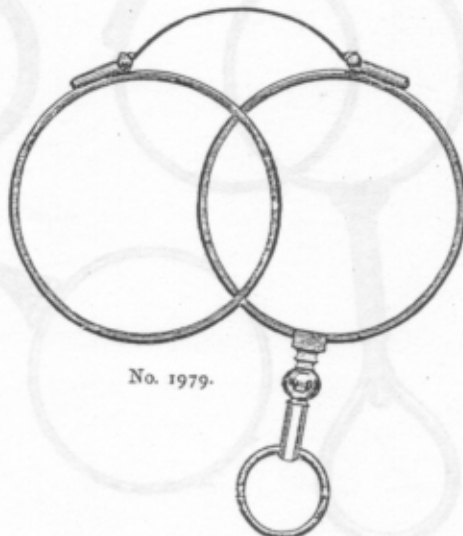
No. 1974.



No. 1986.



No. 1976.



No. 1979.

THE ILLUSTRATIONS ON THIS PAGE ARE DRAWN TO THE FULL SIZE.

THE PRICES OF FOLDERS ENGRAVED ON THIS PAGE ARE GIVEN AT PAGE 23.

NOTE.

THE PRICES MENTIONED ON PAGE 23 INCLUDE THE BEST BRAZILIAN PEBBLES AND CASE NO. 1956.

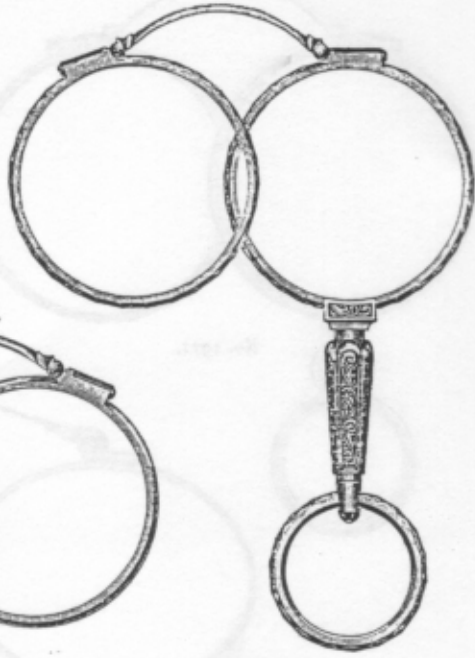
31 Cornhill, E.C., and Lister Works, Holloway, London.

GOLD FOLDERS FOR LADIES.

No. 2001.



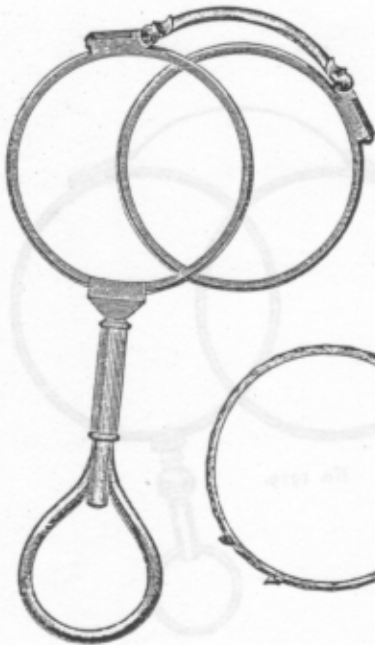
No. 2003.



No. 2006.



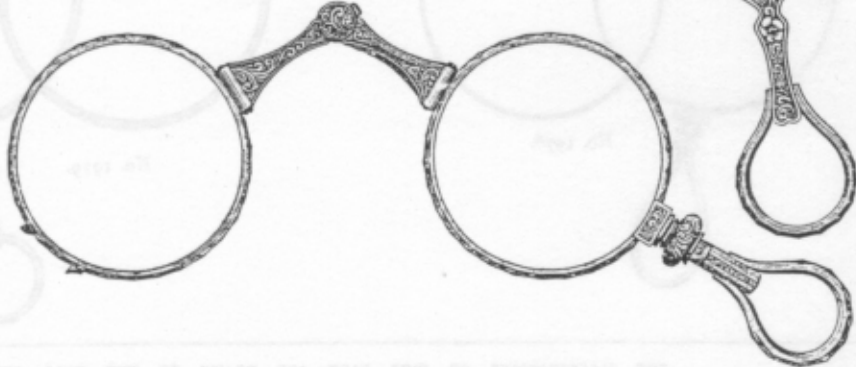
No. 2009.



No. 2016.



No. 2021.



THE ILLUSTRATIONS ON THIS PAGE ARE DRAWN TO THE FULL SIZE.

THE PRICES OF FOLDERS ENGRAVED ON THIS PAGE ARE GIVEN AT PAGE 23.

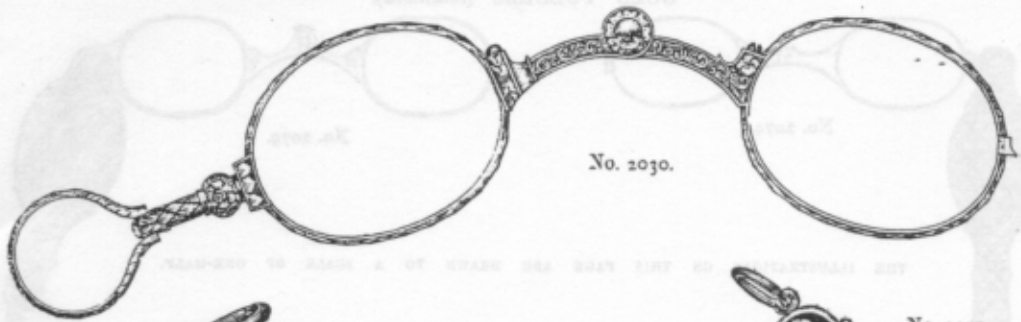
NOTE.

THE PRICES MENTIONED ON PAGE 23 INCLUDE THE BEST BRAZILIAN PEBBLES AND CASE NO. 1954.

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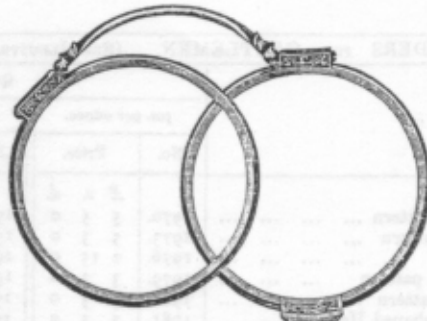
GOLD LOCKET FOLDERS, ETC., FOR LADIES.



No. 2030.



No. 2065.



No. 2026.



No. 2072.



No. 2054.



No. 2070.



No. 2061.

THE ILLUSTRATIONS ON THIS PAGE ARE DRAWN TO THE FULL SIZE.

THE PRICES OF FOLDERS ENGRAVED ON THIS PAGE ARE GIVEN AT PAGE 23.

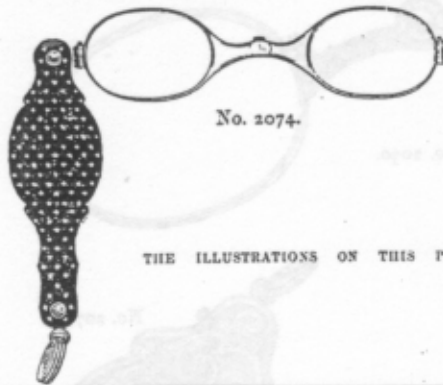
NOTE.

THE PRICES MENTIONED ON PAGE 23 INCLUDE THE BEST BRAZILIAN PEBBLES AND CASE NO. 1954.

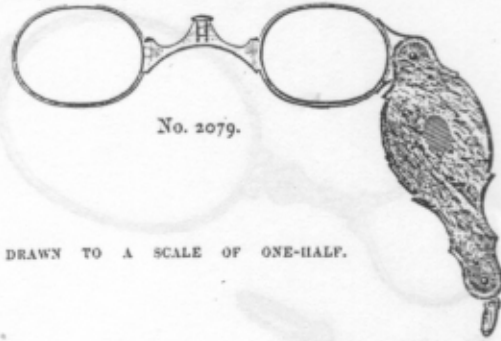
31 Cornhill, E.C., and Lister Works, Holloway, London.

R. AND J. BECK, MANUFACTURING OPTICIANS.

GOLD FOLDERS (continued).



No. 2074.



No. 2079.

THE ILLUSTRATIONS ON THIS PAGE ARE DRAWN TO A SCALE OF ONE-HALF.

PRICES OF GOLD FOLDERS FOR GENTLEMEN. (SEE ILLUSTRATIONS ON PAGE 20.)

DESCRIPTION.	QUALITY OF GOLD.					
	5os. per ounce.		6os. per ounce.		Standard.	
	No.	Price.	No.	Price.	No.	Price.
Gold Folders for Gentlemen, Double Ring pattern ... ..	1970.	£ 5 5 0	1971.	£ 6 6 0	1972.	£ 9 9 0
Gold Folders for Gentlemen, Single Ring pattern ... ..	1973.	3 3 0	1974.	4 4 0	1975.	5 5 0
Gold Folders for Gentlemen, Pear pattern ... ..	1976.	2 15 0	1977.	3 3 0	1978.	4 4 0
Gold Folders for Gentlemen, Ring and Ball pattern ... ..	1979.	3 3 0	1980.	4 4 0	1981.	5 5 0
Gold Folders for Gentlemen, Treble Ring pattern ... ..	1982.	3 3 0	1983.	4 4 0	1984.	5 5 0
Gold Folders for Gentlemen, Oval, various-shaped Handles ... ..	1985.	3 3 0	1986.	3 10 0	1987.	4 10 0

PRICES OF GOLD FOLDERS FOR LADIES. (SEE ILLUSTRATIONS ON PAGES 21 & 22.)

DESCRIPTION.	QUALITY OF GOLD.					
	5os. per ounce.		6os. per ounce.		Standard.	
	No.	Price.	No.	Price.	No.	Price.
Gold Folders for Ladies, Bell stem and Ring handle ... ..	2000.	£ 5 5 0	2001.	£ 6 6 0	2002.	£ 9 9 0
Gold Folders for Ladies, Fluted cone stem and Ring handle ... ..	2003.	5 5 0	2004.	6 6 0	2005.	9 9 0
Gold Folders for Ladies, Figure-of-Eight handle ... ..	2006.	5 5 0	2007.	6 6 0	2008.	9 9 0
Gold Folders for Ladies, Pillar stem and Pear handle ... ..	2009.	4 10 0	2010.	5 12 0	2011.	7 7 0
Gold Folders for Ladies, Pillar stem and Ring handle ... ..	2012.	3 10 0	2013.	4 10 0	2014.	5 15 0
Gold Folders for Ladies, Floral stem and Pear handle ... ..	2015.	3 10 0	2016.	4 10 0	2017.	5 15 0
Gold Folders for Ladies, Harp stem and Ring handle ... ..	2018.	3 10 0	2019.	4 10 0	2020.	5 15 0
Gold Folders for Ladies, Double-action spring with Pear handle ... ..	2021.	5 5 0	2022.	6 6 0	2023.	9 9 0
Gold Folders for Ladies, Pillar-and-Ball stem and Pear handle ... ..	2024.	4 4 0	2025.	5 5 0	2026.	8 8 0
Gold Folders for Ladies, Serpent handle (see No. 2123) ... ..	2027.	3 10 0	2028.	4 10 0	2029.	5 15 0
Gold Folders for Ladies, Oval eyes, various patterns ... ..	2030.	3 3 0	2031.	4 4 0	2032.	5 5 0

PRICES OF LOCKET FOLDERS FOR LADIES. (SEE ILLUSTRATIONS ON PAGE 22.)

DESCRIPTION.	QUALITY OF GOLD.					
	5os. per ounce.		6os. per ounce.		Standard.	
	No.	Price.	No.	Price.	No.	Price.
Locket Folders, Gold, Solid make, Plain star or Shield centre ... ..	2050.	£ 11 11 0	2051.	£ 12 12 0	2052.	£ 13 13 0
Locket Folders, Gold, Solid make, Diamond centre ... ..	2053.	23 0 0	2054.	24 0 0	2055.	25 0 0
Locket Folders, Gold, Solid make, Ornamental engraving ... ..	2056.	10 10 0	2057.	11 11 0	2058.	12 12 0
Locket Folders, Gold, Best make, Floral engraving ... ..	2059.	6 10 0	2060.	7 10 0	2061.	8 15 0
Locket Folders, Gold, Best make, Chequer engraving ... ..	2062.	6 0 0	2063.	7 0 0	2064.	8 8 0
Locket Folders, Gold, Best make, Engine-turned and Shield for Monogram ... ..	2065.	8 8 0	2066.	10 10 0	2067.	12 12 0
Locket Folders, Gold and Enamel, Oval frame, Shield in centre ... ..	2068.	10 10 0	2069.	12 12 0	2070.	14 14 0
Locket Folders, Gold and Enamel, elegantly chased ... ..	2071.	14 14 0	2072.	16 16 0	2073.	18 18 0
Locket Folders, Gold frame and Tortoiseshell or Imit. Enamel sides	2074.	3 3 0	2075.	4 4 0	2076.	5 5 0
Locket Folders, Gold frame and Mother-of-Pearl sides ... ..	2077.	3 3 0	2078.	4 4 0	2079.	5 5 0

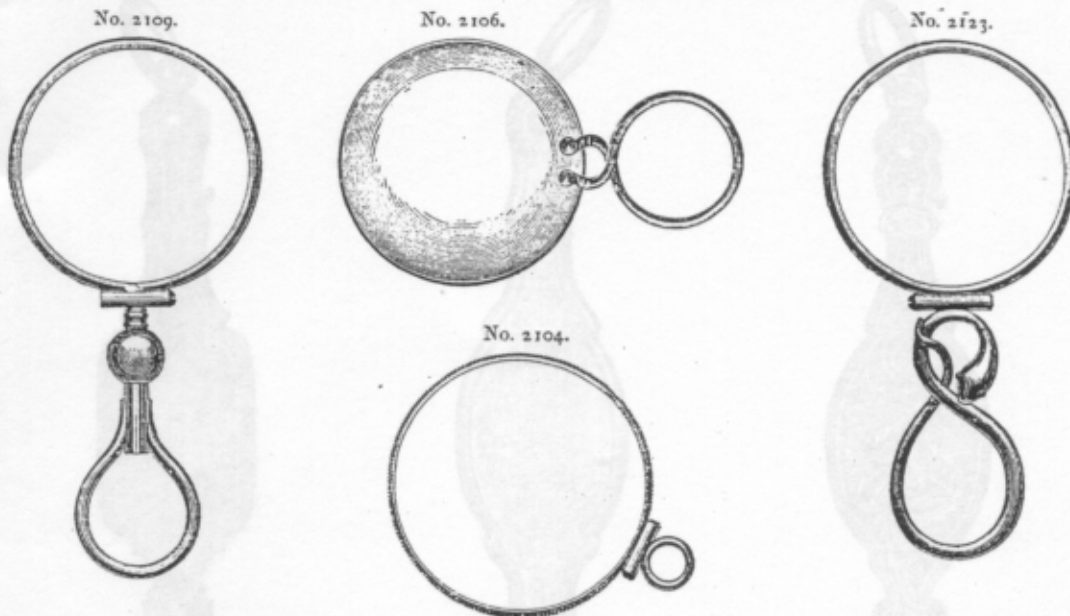
NOTE.

THE PRICES MENTIONED ABOVE INCLUDE THE BEST BRAZILIAN PEBBLES AND CASE NO. 1956.

31 Cornhill, E.C., and Lister Works, Holloway, London.

R. AND J. BECK, MANUFACTURING OPTICIANS.

GOLD EYE-RIMS FOR LADIES AND GENTLEMEN.



THE ILLUSTRATIONS ON THIS PAGE ARE DRAWN TO THE FULL SIZE.

PRICES OF GOLD EYE-RIMS, WITH BRAZILIAN PEBBLES AND CASE No. 1957.

DESCRIPTION.	QUALITY OF GOLD.					
	50s. per ounce.		60s. per ounce.		Standard.	
	No.	Price.	No.	Price.	No.	Price.
Gold Eye-rims for Gentlemen, Plain rim ... ..	2100.	£ 0 13 0	2101.	£ 0 15 0	2102.	£ 0 18 0
Gold Eye-rims for Gentlemen, Milled rim ... ..	2103.	£ 0 13 0	2104.	£ 0 15 0	2105.	£ 0 18 0
Gold Eye-rims for Gentlemen, Handle, no rim ... ..	2106.	£ 1 0 0	2107.	£ 1 1 0	2108.	£ 1 3 0
Gold Eye-rims for Ladies, Pillar-and-Ball stem, Pear handle ... ..	2109.	£ 2 0 0	2110.	£ 2 18 0	2111.	£ 4 0 0
Gold Eye-rims for Ladies, Pillar-and-Ball stem, Engraved ... ..	2112.	£ 2 16 0	2113.	£ 3 3 0	2114.	£ 4 4 0
Gold Eye-rims for Ladies, Pillar stem, Pear handle... ..	2115.	£ 1 12 0	2116.	£ 2 15 0	2117.	£ 3 10 0
Gold Eye-rims for Ladies, Figure-of-Eight handle ... ..	2118.	£ 1 10 0	2119.	£ 2 12 0	2120.	£ 3 3 0
Gold Eye-rims for Ladies, Serpent handle ... ..	2121.	£ 2 16 0	2122.	£ 3 3 0	2123.	£ 4 4 0

SWIVELS AND GUARDS.



PRICES OF GOLD CHAINS, SWIVELS, AND GUARDS.

No.	DESCRIPTION.	Price.
2131.	Gold Chains for Folders, various patterns ... ..from	£ 4 4 0
2135.	Gold Swivel ... ..	£ 0 10 6
2137.	Gold Ring and Running Guard ... ..	£ 0 7 6
2138.	Cord for Folders ... .. per yard	£ 0 0 6

31 Cornhill, E.C., and Lister Works, Holloway, London.

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PLATED FOLDERS, ETC.

No. 2160.



No. 2152.



No. 2155.



THE ILLUSTRATIONS ON THIS PAGE ARE DRAWN TO THE FULL SIZE.

PRICES OF PLATED FOLDERS.

No.	DESCRIPTION.	Price.
		£ s. d.
2151.	Locket Folders, Gilt Frames, Oval eyes, Plain Ivory Sides, best Glasses ... ..	0 17 6
2152.	Locket Folders, Gilt Frames, Oval eyes, Ivory sides, with Gilt line, best Glasses ... ..	1 5 0
2153.	Locket Folders, Gilt Frames, Oblong eyes, Ivory sides, with Gilt line, best Glasses ... ..	1 5 0
2154.	Locket Folders, Gilt Frames, Plain Mother-of-Pearl sides, best Glasses... ..	0 17 0
2155.	Locket Folders, Gilt Frames, Plain Tortoiseshell sides, First quality, best Pebbles ... ..	1 10 0
2156.	Locket Folders, Gilt Frames, Plain Tortoiseshell sides, Second quality, best Glasses ... ..	0 17 0
2157.	Locket Folders, Gilt Frames, Tortoiseshell sides, with Gilt stars, as No. 2074, best Pebbles ... ..	2 10 0
2158.	Locket Folders, Gilt Frames, Imitation Steel sides, Inlaid Scroll pattern, best Pebbles ... ..	3 10 0
2159.	Locket Folders, Gilt Frames, Imitation Steel sides, Inlaid Floral pattern, best Pebbles ... ..	3 10 0
2160.	Locket Folders, Gilt Frames, Oval eyes, Gilt and Enamel sides, Floral pattern, best Pebbles ... ..	3 0 0
2161.	Locket Folders, Gilt Frames, Oblong eyes, Gilt and Enamel sides, Floral pattern, best Pebbles ... ..	3 0 0
2162.	Locket Folders, Gilt Frames, Gilt sides, with Ornamental Enamel cross, best Pebbles ... ..	3 0 0
2163.	Locket Folders, Gilt Frames, Gilt sides, with Ornamental Enamel scallops, best Pebbles ... ..	3 0 0
2164.	Locket Folders, Gilt Frames, Gilt and Enamel sides, Floral Mosaic, best Pebbles ... ..	3 0 0
2165.	Locket Folders, Gilt Frames, Gilt and Enamel sides, Imitation Scotch plaid, best Pebbles ... ..	2 15 0
2166.	Locket Folders, Gilt Frames, Gilt sides, with Enamel stripes, best Pebbles ... ..	3 0 0
2167.	Locket Folders, Gilt Frames, sides Enamel ground, with Gilt stars, best Pebbles... ..	3 0 0
2168.	Locket Folders, Gilt Frames, sides Enamel ground, with Gilt spots, best Glasses ... ..	2 0 0
2169.	Locket Folders, Gilt Frames, Tortoiseshell sides, with Gilt chequers, best Pebbles ... ..	3 0 0

PRICES OF LOCKET FOLDERS WITH STEEL FRAMES.

No.	DESCRIPTION.	Price.
		£ s. d.
2180.	Locket Folders, Steel Frames, Tortoiseshell sides, best Glasses (as No. 2155) ... ..	1 1 0
2181.	Locket Folders, Steel Frames, Mother-of-Pearl sides, best Glasses ... ..	0 18 0
2182.	Locket Folders, Steel Frames, Ivory sides, best Glasses (as No. 2152) ... ..	0 15 0

PRICES OF SILVER FOLDERS.

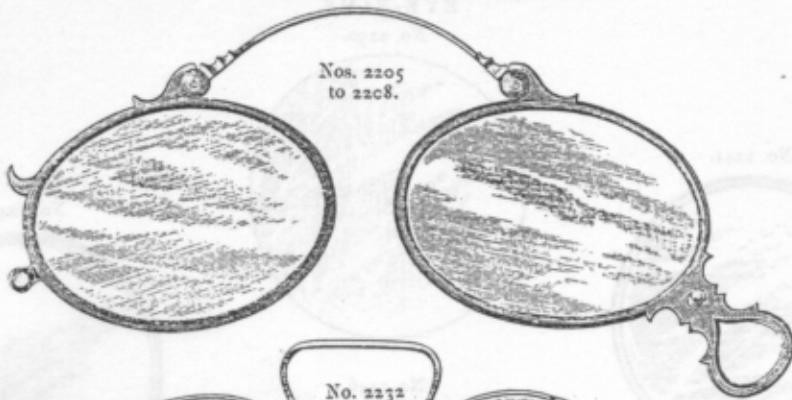
No.	DESCRIPTION.	Price.
		£ s. d.
2185.	Best Silver Locket Folders, Tortoiseshell sides ... ..	1 15 0
2186.	Best Silver Locket Folders, Mother-of-Pearl sides ... ..	1 5 0
2187.	Best Silver Locket Folders, Ivory sides ... ..	1 5 0
2191.	Best Plain Silver Folders, with Glasses ... ..	1 1 0
2192.	Best Silver Folders, Double hinge to bridge (see Illustration No. 2009)... ..	1 10 0

31 Cornhill, E.C., and Lister Works, Holloway, London.

R. AND J. BECK, MANUFACTURING OPTICIANS.

TORTOISESHELL FOLDERS.

Nos. 2205  
to 2208.



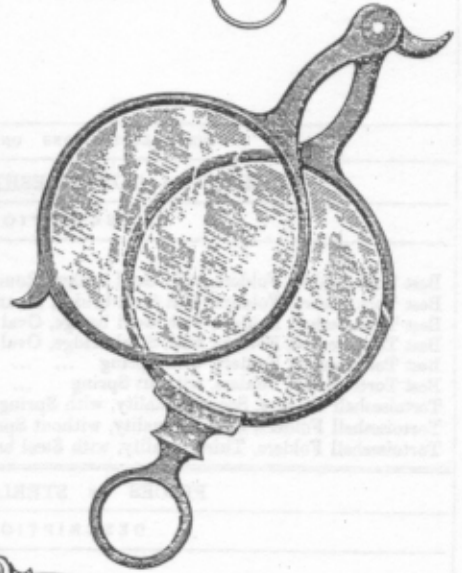
No. 2232



No. 2211.



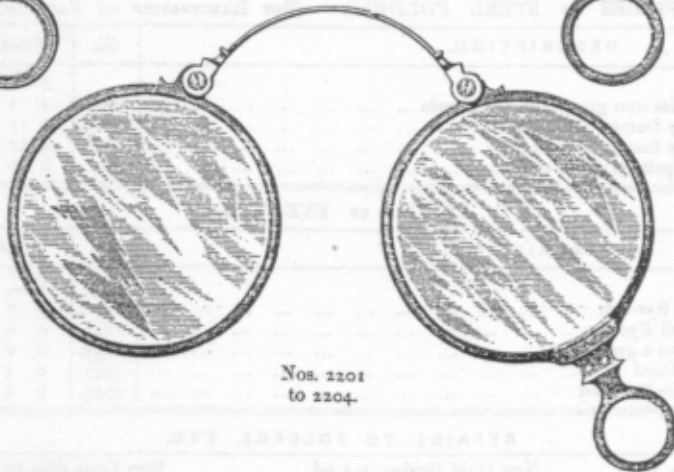
No. 2209.



No. 2218.



Nos. 2201  
to 2204.



THE ILLUSTRATIONS ON THIS PAGE ARE DRAWN TO THE FULL SIZE. PRICES GIVEN ON PAGE 27.

31 Cornhill, E.C., and Lister Works, Holloway, London.

R. AND J. BECK, MANUFACTURING OPTICIANS.

EYE-RIMS.

No. 2250.



No. 2241.



No. 2243.



No. 2246.



THE ILLUSTRATIONS ON THIS PAGE ARE DRAWN TO THE FULL SIZE.

PRICES OF TORTOISESHELL FOLDERS. (SEE ILLUSTRATIONS ON PAGE 26.)

DESCRIPTION.	No.	Pebbles.	Glasses.	
			£ s. d.	£ s. d.
Best Tortoiseshell Folders, with Gold bridge, Round eyes ... ..	2201.	1 7 0	2202.	1 4 0
Best Tortoiseshell Folders, with Steel bridge, Round eyes ... ..	2203.	0 17 6	2204.	0 14 6
Best Tortoiseshell Folders, with Gold bridge, Oval eyes ... ..	2205.	1 7 0	2206.	1 4 0
Best Tortoiseshell Folders, with Steel bridge, Oval eyes ... ..	2207.	0 17 6	2208.	0 14 6
Best Tortoiseshell Folders, with Spring ... ..	2209.	1 4 0	2210.	1 1 0
Best Tortoiseshell Folders, without Spring ... ..	2211.	1 1 0	2212.	0 18 0
Tortoiseshell Folders, Second Quality, with Spring ... ..	2213.	0 13 6	2214.	0 10 6
Tortoiseshell Folders, Second Quality, without Spring ... ..	2215.	0 10 6	2216.	0 7 6
Tortoiseshell Folders, Third Quality, with Steel bridge, Round eyes ... ..	2217.	0 8 6	2218.	0 5 6

PRICES OF STEEL FOLDERS. (SEE ILLUSTRATION ON PAGE 26.)

DESCRIPTION.	No.	Pebbles.	Glasses.	
			£ s. d.	£ s. d.
Best Steel Folders, frames let into grooves in the glasses ... ..	2225.	1 1 0	2226.	0 18 0
Best Steel Folders, ordinary frames, Oval eyes ... ..	2227.	0 17 6	2228.	0 14 6
Best Steel Folders, ordinary frames, Round eyes ... ..	2229.	0 17 6	2230.	0 14 6
Best Steel Folders, French pattern, Oval eyes ... ..	2231.	0 17 6	2232.	0 14 6

PRICES OF EYE-RIMS.

DESCRIPTION.	No.	Pebbles.	Glasses.	
			£ s. d.	£ s. d.
First Quality Tortoiseshell Eye-rim ... ..	2241.	0 7 6	2242.	0 4 6
Second Quality Tortoiseshell Eye-rim ... ..	2243.	0 6 0	2244.	0 3 0
Steel Eye-rim, frame let into a groove ... ..	2245.	0 6 0	2246.	0 3 0
Plain Glass, with hole for Cord ... ..	2247.	0 5 0	2248.	0 2 0
Milled-edge Glass, with hole for Cord ... ..	2249.	0 5 0	2250.	0 2 0

REPAIRS TO FOLDERS, ETC.

Glasses to Folders, 3s.	New Gold Bridge, 12s. 6d.	New Long Side to No. 2209, 5s. 6d.
Pebbles to Folders, 8s.	New Steel Bridge to No. 2207, 3s.	New Short Side to No. 2211, 3s. 6d.
Exchanging Pebbles, 5s.	New Steel Bridge to No. 2218, 1s.	New Spring to No. 2209, 3s.

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