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NEGATIVE & POSITIVE

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D.H.T. COLLODION

IT IS VERY SENSITIVE  
PRODUCES FINE  
GRADATION OF LIGHT &  
SHADE WITH FULL  
DETAIL  
ALL SHOULD USE IT.

ILLUSTRATED CATALOGUE  
ISSUED ANNUALLY  
BY

THOS. H. McCOLLIN

624 ARCH ST.  
PHILADELPHIA.

MANUFACTURER IMPORTER AND  
DEALER IN

PHOTOGRAPHIC  
MATERIALS & SPECIALTIES.

FRAMES  
MOUNTINGS  
&c.

JANUARY 1st. 1876.

LP819

# ILLUSTRATED CATALOGUE

—ISSUED ANNUALLY BY—

*THOS. H. McCOLLIN,*

624 Arch Street, Philadelphia.

## MANUFACTURER, IMPORTER

AND DEALER IN

# Photographic Supplies

AND

## SPECIALTIES.

*FRAMES, MOULDINGS, &c.*

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JANUARY 1st, 1876.

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Entered according to Act of Congress, in the year 1876, by  
THOS. H. McCOLLIN,  
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*The Price List herein contained will be found by my customers more complete and valuable than any before issued.*

*All the prices quoted are those of TO-DAY, the privilege being reserved of advancing with the market; and my customers will invariably have the advantage of any decline.*

*My position of American Agent for the "British Journal of Photography," and other foreign publications and specialties brings me into close correspondence with leading manufacturers of Europe, as well as those of the U. S., thus giving me unusual opportunities of supplying goods of the latest styles, and at the lowest rates; and all orders are filled the day received, when it is possible to do so.*

*Any person wishing a complete outfit of Camera, Lens, etc., will do well to apply for special quotations.*

*After being satisfied of the value of this Catalogue, hand it to your friend with the information that a similar one can be had free, on application to the subscriber.*

*Respectfully,*

**THOS. H. McCOLLIN.**

## TERMS.

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*Cash with the order, or C. O. D.*

*Persons unacquainted with us will send with the order, one-half of the estimated amount of the bill, and the balance C. O. D., in order to receive attention.*

*When goods are ordered by steamer or railroad, the whole amount must be sent with the order.*

*Lenses sent on trial to responsible persons, who must prepay expressage both ways.*

*In ordering, please state if we shall ship what we can at once, or wait until all is ready.*

*We pack our goods with the best possible care, therefore cannot be responsible for breakage after they leave our place.*

*All boxes charged at COST.*

*Drayage charged on goods sent by steamer or railroad.*

CONTENTS.

CONTENTS.

	PAGE
Albumen Paper.....	90
Alcohol Lamps.....	63
Acid Dish or trays.....	60
American Collod'n. Pellicle Emul'n	52, 53
Alba and Nonpareil plates.....	66
Albumen Water Colors.....	147
Aniline Colors.....	147
Albums.....	147
Back-Grounds.....	87-89
Background Negatives.....	92
Brushes.....	148, 149
Blue Frosting.....	148
Books, Photographic.....	151-153
Bath Holders.....	58-60
Back Boards.....	145
Bowdish Chair.....	75
Burnishers.....	82
British Journal of Photography....	152
Cameras.....	28-39
Camera Solar.....	38
Camera Holders.....	36, 37
Chemicals.....	46-49
Castors for Backgrounds &c.....	148
Chairs, Lounges, &c.....	67-76
Collodion Filters.....	57
Cameo Presses.....	80-82
Crucibles.....	57
Card Stock.....	112-121
Camera Stands.....	41-45
Coloring Pictures.....	150
Collodion Vials.....	54, 55
"    "    Cross'.....	56
Collodions.....	49
Clocks, Photographic.....	87
Cords and Tassels.....	144, 145
Curtains.....	148
Card Supports.....	96
Cut-outs (Masks).....	95
Cases, Velvet.....	103
Cases, Manilla.....	102-104
Copy'g and Print'g for the trade	150, 151
Cotton Gun.....	51
Diamonds.....	65, 148
Delicate Half-Tone Collodion.....	50
Dippers.....	61
Dry Colors in Boxes.....	148
Dark Tents.....	86
Diaphragms and Blocks.....	40
Dusters.....	148
Dropping Bottles.....	148
Envelopes, Ferrotpe and Plain....	93
Evaporating dish.....	61
Emulsion for dry Plates.....	52
Enameler.....	82
Ferrotpe Plates.....	66

	PAGE
Filtering Paper.....	92
Fittings for Cases.....	104
Fittings for Frames.....	64
Funnels, Glass and Rubber.....	62
Ferrotpe Envelopes, Cards and Mats.....	93, 122
Frames, Oval, Walnut.....	125, 126, 127
"    Solid Ovals.....	131, 133, 135
"    Circles.....	129
"    Double Deep.....	138
"    Single Deep.....	139
"    Gold.....	124
"    Imitation Rose and Gilt.....	144
"    Imitation Walnut.....	144
"    Carved Rustics.....	125
"    Sherman Rustics.....	147
"    Union.....	104
"    German Papier Mache.....	147
"    Velvet and Metal.....	105, 106
"    Walnut, Metal Rims.....	123
"    Diatite.....	105
"    Special.....	139, 140
Finishing Nails.....	145
Focusing Glasses, Lenses.....	27
"    Cloth.....	79
"    Screws.....	40
Furnaces, Gas and Coal Oil.....	64
Fronts for Cameras.....	40
Filtering Stands.....	57
Forns, Glass.....	97
"    Metallic, (Schofield's).....	98
Gun Cottons.....	51
Glass Patterns and Forms.....	97
Gem Boxes.....	28
Glass Pans.....	40
Glass Baths &c.....	58-60
Gold and Silver Saucers.....	148
Glass Graduates.....	62
Guides for Trimmers.....	99
Glass B. P. C.....	65
Glass 1st quality French.....	64
Glass, Artists, (Sulphated).....	64
Glass, Porcelain.....	65
Glass Cutter, (Wheel Diamond)....	65
Head Rests.....	77-79
Hydrometers.....	56
Hard Rubber Baths.....	60
Insides, (gilt moulding).....	142
India Ink.....	148
Lenses, Voigtlander's.....	1-10
"    Darlot.....	11-16
"    Dallmeyer.....	17-23
"    Zeptomeyer.....	27
"    E. A. Portrait.....	24
"    Peerless.....	25

	PAGE
Lenses, Morrison.....	26
"    Condensing for Solars.....	13
"    Focusing.....	27
Miscellaneous.....	147-149
Morgan's Albumenized Paper.....	90
Mortars and Pestals.....	61
Mats, Paper all kinds.....	109, 110
Mats and Preservers.....	104
Mouldings.....	140-143
Masks, Gihon's.....	95
Manipulators.....	67
Negative Boxes.....	45
Negative Preservers.....	89
Negative Racks.....	71
Opaque, Gihon's.....	92
Ornamental Backgrounds, Paper Negatives.....	160
Paper Albumen, Morgan's.....	90
Paper, filtering, Joseph's & Tissue.	90, 92
Printing Frames.....	83-85
Porcelain Pictures.....	150
Porcelain Trays.....	60
Photographic Tents.....	149
Photographic Publications.....	151-153
Porcelain Glass.....	65
Plate Holders.....	36, 37
Picture Cord and Tassels.....	144, 145
Picture Cord, Wire.....	144
Picture Nails, Porcelain Heads.....	146
"    "    Brass Heads.....	147
Proctor's Apparatus.....	147
Picture Points.....	147
Passepartouts, Paper.....	106, 107
"    Velvet.....	107, 109

	PAGE
Passepartouts, Leather.....	108, 109
Plate Visas.....	70
Photograph Trimmers.....	96
Paper Negatives, Ornamental Backgrounds.....	160
Photograph Holders or Covers.....	101
Print Cutter, Lenzi's.....	85
Retouching Frames.....	83
Robinson's Guides.....	99
Roller Presses.....	81
Residues.....	47
Retouching Pencils, Faber's.....	149
Solar Cameras.....	38
Sticking Paper.....	92
Show Cases for Counters.....	158, 159
Seiopticon, Marcy's.....	153-156
Show Cards and Mats.....	111, 112
Scales and Weights, Hand.....	63
Scales with Stand and Box.....	63
Screw Eyes.....	146
Silk Velvet Stands.....	108
Spirit Lamps.....	63
Spahn's Platform Stand.....	42
Syphons, Glass.....	56
Solar and other Printing.....	151
Trays.....	60
Tissue Paper.....	92
Tripods.....	42
Thermometers.....	55
Tents, Photographic.....	149
Vignetting Papers.....	94
Varnishes.....	51
Young's Guides.....	99, 100

THE BEST IS THE CHEAPEST.

AN ILLUSTRATED

**PRICE LIST**

OF

**PHOTOGRAPHIC MATERIALS,**

Manufactured, Imported and Sold by

*Thos. H. McCollin, 624 Arch St.,*

PHILADELPHIA.

VOIGTLANDER & SON'S

*(Of Vienna & Brunswick, Germany.)*

**LENSES FOR PORTRAITS AND GROUPS.**

*Imported expressly for Thos. H. McCollin.*

No. 1.  $\frac{1}{4}$  size. *Double-Objective*, consisting of two Achromatic Combinations of Lenses, 1 9-16 and 1 5-8 inch diameter. Equivalent focus 143 Mm., (back-focus 4 inches). Completely mounted, with rack and pinion movement, and central stops; adapted for taking pictures on plates 4 1-4 x 3 1-4 inches. Can be had in matched pairs. Good for taking small pictures up to Cartes de Visite, where the gallery does not allow the use of a larger lens. The necessary length of studio for this purpose is about 12 feet. \$34 00

A  $\frac{1}{3}$  size. *Double-Objective*, consisting of two Achromatic combinations of Lenses, 1 5-6 and 1 11-12 inch diameter. Equivalent focus 167 Mm., (back-focus 4 1-2 inches). Completely mounted, with rack and pinion movement, and central

stops. Adapted for taking pictures on plates 5 1-4 x 4 inches; can be had in matched pairs. This Lens may be used for the same purpose as the above, and requires studio of about 15 feet. \$43 00

No. 2.  $\frac{1}{2}$ -size. *Double-Objective*, consisting of two Achromatic Combinations of Lenses, 2 1-8 and 2 3-16 inch diam. Equivalent focus 191 Mm., (back-focus 5 inches). Completely mounted, with rack and pinion movement, and central stops. Adapted for taking pictures on plates 5 1-2 x 4 1-4 inches; can be had in matched pairs. These are excellent for Cartes de Visite, when your studio will not admit of a larger size; also, good for making Stereoscopic heads; but we recommend the 2-3 size, No. C or D, which will be found still better. Length of studio for Cartes de Visite, about 18 feet, \$52 50

B.  $\frac{1}{2}$  size. *Double-Objective*, consisting of two Achromatic Combinations of Lenses, 2 1-8 and 2 3-16 inch diam. Equivalent focus 167 Mm., (back-focus 4 1-2 inches). Completely mounted with rack and pinion movement and central stops. Adapted for pictures on plates 5 x 4 inches. Length of studio for Cartes de Visite about 15 feet. \$59 50

This Lens works, on account of its short focus, 1-3 quicker than No. 2, which possesses normal light, and is therefore most useful for taking very plastic likenesses of children and sitting persons, and bust-portraits.

The above-mentioned Lenses, particularly constructed for taking Cartes de Visite pictures in a short studio, cannot be compared with the following lenses regarding the efficiency and equal sharpness of the pictures, especially when taking standing figures.

Can be had in matched pairs.

C.  $\frac{2}{3}$  size. *Double-Objective*, consisting of two Achromatic Combinations of Lenses, 2 3-4 and 2 5-6 inch diam. Equivalent focus 238 Mm., (back-focus 7 inches). Completely

mounted, with rack and pinion movement and central stops; adapted for taking pictures on plates 7 1-4 x 5 1-2 inches and smaller. This will be found very desirable for Cartes de Visite, and also for making Stereoscopic heads. Can be had in matched pairs. Requisite length of studio for Cartes de Visite, about 20 feet; less distance for bust-portraits \$75 00

D.  $\frac{3}{4}$  size. *Double-Objective*, consisting of two Achromatic Combinations of Lenses, 2 3-4 and 2 5-6 inch diam. Equivalent focus 214 Mm., (back-focus 6 inches). Completely mounted, with rack and pinion movement, and central stops. Adapted for making pictures on plates 6 1-2 x 5 inches. \$80 00

What has been said regarding the difference of quality between No. 2 and B, refers also to C and D, as the proportions between length of focus and aperture are the same in both. Can be had in matched pairs. Requisite length of studio for full-length pictures 19 feet; less distance for bust portraits.

3. 4-4 size. *Double-Objective*, consisting of two Achromatic Combinations of Lenses, 3 1-8 and 3 3-16 inch diam. Equivalent focus 286 Mm., (back-focus 8 inches). Completely mounted, with rack and pinion movement, and central stops. Adapted for making pictures on plates 8 1-2 x 6 1-2 inches and smaller. \$92 50

This is the most useful Lens that a Photographer can possess for making Cartes de Visite, Cabinets, and 4-4 pictures, when his studio will not admit the use of larger lenses. Requisite length of studio for full-length Cabinet Portraits 18 feet, and for Cartes de Visite 24 feet: less distance for bust-portraits.

3 B. 4-4 size. *Double-Objective*, consisting of two Achromatic Combinations of Lenses, 3 1-8 and 3 3-16 inch diameter. Equivalent focus 325 Mm., (back-focus 9 1-2 inches). Completely mounted, with rack and pinion movement, and central stops. Adapted for taking pictures on plates 8 x 10 inches and smaller. \$92 50

This Lens being of longer focus than No. 3. does not work quite as quickly, but covers a larger plate, and is fine for groups and Cabinet pictures. A person 5 1-2 feet tall, at a distance of 18 feet, will appear 4 1-2 inches long on the ground-glass; less distance for bust portraits.

No. 3 A. 4-4 size. *Double-Objective*, consisting of two Achromatic Combinations of Lenses, 3 1-8 and 3 3-16 inch diameter. Equivalent focus, 364 Mm., (back-focus 10 1-2 inches). Completely mounted, with rack and pinion movements, and central stops. Adapted for taking pictures on plates 9 x 11 inches and smaller. . . . . \$87 50

This Lens will be found excellent for groups as well as other pictures. A person 5 1-2 feet tall, at a distance of 18 feet, will appear 5 inches long on the ground glass.

4. 4-4 size. *Double-Objective*, consisting of two Achromatic Combinations of Lenses, 3 1-8 and 3 3-16 inch diam. Equivalent focus, 214 Mm., (back-focus, 5 1-4 inches). Completely mounted, with rack and pinion movement, and central stops. Adapted for taking pictures on plates 6 1-2 x 5 inches. . . . . \$112 00

On account of its very short focus, this Lens requires only 2-5 of the time of the exposure of Lenses with normal power of light, and is therefore most useful for taking likenesses of children, particularly in dark and cloudy weather. Requisite length of studio, 19 feet; less distance for bust-portraits.

All the following Lenses are without rack and pinion movement, for large Lenses it is more advantageous to have the Camera provided with the focusing arrangement.

5. Ea. 4-4. *Double-Objective*, consisting of two Achromatic Combinations of Lenses, 3 3-4 and 3 5-8 inch diam. Equivalent focus 325 Mm., (back-focus 9 1-2 inches) Completely mounted, with central stops. Adapted for taking pictures on plates 8 x 10 inches.

This Lens has recently been constructed for making Cabinet pictures or smaller sizes, works quickly and will be found a very excellent instrument for full-length pictures, busts or groups; for full length Cabinet pictures it requires studio of about 20 feet, less distance for bust-portraits. A person 5 1-2 feet tall, at a distance of 18 feet, will appear 4 1-2 inches long on the ground-glass. . . . . \$135 00

All the Lenses now following, may of course serve for taking pictures of single persons, busts, as well as groups, but, as for the latter, more equal division of light and more depth of focus is required, we recommend for large groups, the Lenses Nos. 7a, 8a, and 9a, while for single portraits, busts and smaller groups, the Lenses Nos. 6, 7, 8 and 9 are preferable, having the advantage of producing pictures of greater plasticity and brilliancy,

No. 6. *Double-Objective*, consisting of two Achromatic Combinations of Lenses, 4 1-4 and 4 3-16 in. diameter. Equivalent focus 364 Mm., (back-focus 11 inches). Completely mounted, with central stops, and adapted for taking pictures on plates 10 x 12 inches and smaller. . . . . \$162 50

This Lens will be found a most useful one, for taking Cabinet Portraits, busts, groups, etc., working very quickly. We can recommend it to all who have plenty of room in their studios; it requires from 18 to 24 feet for full-length cabinet or promenade pictures; less distance for bust-portraits. A person 5 1-2 feet tall, at a distance of 20 feet, appears about 5 inches long on the ground-glass.

7. *Double-Objective*, consisting of two Achromatic Combinations of Lenses, 4 1-4 and 4 3-16 inch diameter. Equivalent focus 453 Mm., (back-focus, about 14 inches). Completely mounted, with central stops, adapted for taking pictures on plates 11 x 14 inches, and smaller. Its power of light is 2-5 less than the normal power of No. 6. For full-length, Cabinet



or Promenade pictures requires studio from 25 to 30 feet, and a person 5 1-2 feet tall at a distance of 20 feet, appears about 5 1-2 inches long on the ground-glass. . . . \$162 50

No. 7 a. *Double-Objective*, consisting of two Achromatic Combinations of Lenses, 4 1-4 and 4 3-16 inch diameter. Equivalent focus 565 Mm., (back focus, about 16 inches). Completely mounted, with central stops. Adapted for taking pictures on plates 13 x 16 inches, will do very well for 14 x 17, and smaller. A person 5 1-2 feet tall, at a distance of 20 feet, appears 7 inches long on the ground-glass. . . . \$162 50

8. *Double-Objective*, consisting of two Achromatic Combinations of Lenses of 5 1-4 and 5 7-16 inch diameter. Equivalent focus 565 Mm., (back-focus, about 16 inches). Completely mounted, with central stops. Adapted for taking pictures on plates 13 x 16 inches and smaller. A person 5 1-2 feet tall, at a distance of 20 feet, appears 7 inches long on the ground-glass. . . . \$300 00

8 a. *Double-Objective*, consisting of two Achromatic Combinations of Lenses, 5 1-4 and 5 7-16 inch diameter. Equivalent focus 676 Mm., (back-focus, about 20 inches). Completely mounted with central stops. Adapted for taking pictures on plates 17 x 20 inches and smaller. A person 5 1-2 feet tall, at a distance of 25 feet, appears 7 inches long on the ground-glass. . . . \$300 00

9. *Double-Objective*, consisting of two Achromatic Combinations of Lenses, 6 1-3 and 6 9-16 inch diameter. Equivalent focus 676 Mm., (back-focus, about 20 inches). Completely mounted with central stops. Adapted for taking pictures on plates 17 x 20 inches and smaller. A person 5 1-2 feet tall, at a distance of 25 feet, appears 7 1-2 inches long on the ground-glass. . . . \$450 00

9 a. *Double-Objective*, consisting of two Achromatic Combinations of Lenses, 6 1-3 and 6 9-16 inch diameter. Equiva-

lent focus 780 Mm., (back-focus, about 24 inches). Completely mounted, with central stops. Adapted for taking pictures on plates 18 x 22 inches and smaller. A person 5 1-2 feet tall, at a distance of 25 feet, appears about 9 inches long on the ground-glass. . . . \$450 00

No. 10. *Double-Objective*, consisting of two Achromatic Combinations of Lenses, 8 1-4 and 8 9-16 inch diameter. Equivalent focus 1,144 Meter. Completely mounted, with central stops. Adapted for taking pictures on plates 27 inches. A person 5 1-2 feet tall, at a distance of 25 feet, appears about 12 1-2 inches long on the ground glass. . . . \$1,000 00

#### REMARKS.

The optical and chemical foci of our lenses are perfectly coincident, and are carefully examined in this respect before being delivered.

We give the equivalent focus in Millimetres, (305 Mm. equal to 12 inches), also the back-focus in inches, of the Portrait Lenses.

The relative speed of our Lenses may be stated as follows: Nos 1, a, 2, c, 3, 5 and 6 are of the so-called normal speed. Nos. B & D are quicker by 1-3, and No. 4 has 3-5 more rapidity of action, than the corresponding lenses of same diameter, whereas Nos. 7, 8 and 9 require 2-5 longer exposure, and the lenses Nos. 3a, 7a, 8a, 9a and 10 possess only about half the rapidity of action.

All our Lenses are provided with central stops. It is to be observed, that at all events one of the diaphragms must be used, as otherwise side or top-light would enter through the slit; when no diaphragming is required, insert the largest stop.

To prevent the glasses, composing the back lens, from being replaced in a wrong way, when taken out to be cleaned, observe that the double-convex lens is to be put in the cell first,

the flatter side downwards; then follows the ring, and lastly the second lens with the concave side inwards. Care must be taken, that the ring which holds the glasses in the cell, is not screwed down too tightly.

Complaints are often made, that the glasses composing a lens, are not quite free from air-bubbles or small specks; these do not injure their working qualities in the least.

The No. 5 Portrait Lenses and all smaller sizes are now so constructed, that they can be used for making views. By taking out the back-lens and screwing the front lens in its place, and using the small stops, fine views can be made.

The numerous testimonials, which we are constantly receiving from the best Artists, is a sure guarantee that they are the best Lenses in use.

## ORTHOSCOPIC LENSES.

FOR VIEWS, AND REPRODUCTIONS.

No. 1. *Double-Objective*, consisting of two Achromatic Combinations of 39 Mm. and 26 Mm. diameter, and 286 Mm. focal length, completely mounted. Size of image, 182 Mm. and 260 Mm. . . . . \$27 50

2. *Double-Objective*, consisting of two Achromatic Combinations of 52 Mm. and 35 Mm. diameter, and 377 Mm. focal length, completely mounted. Size of image, 260 Mm. and 364 Mm. . . . . \$40 00

C. *Double-Objective*, consisting of two Achromatic Combinations of 65 Mm. and 43 Mm. diameter, and 494 Mm. focal length, completely mounted. Size of Image, 312 Mm., and 442 Mm. . . . . \$60 00

3. *Double-Objective*, consisting of two Achromatic Combinations of 78 Mm. and 52 Mm. diameter, and 611 Mm. focal

length, completely mounted. Size of image, 390 Mm. and 520 Mm. . . . . \$73 00

No. 6. *Double-Objective*, consisting of two Achromatic Combinations of 104 Mm. and 69 Mm. diam., and 806 Mm. focal length, completely mounted. Size of image, 520 Mm. and 650 Mm. . . . . \$138 50

7. *Double-Objective*, consisting of two Achromatic Combinations of 104 Mm. and 69 Mm. diameter, and 1.014 Meter focal length, completely mounted. Size of image, 650 Mm. and 832 Mm. . . . . \$138 50

8. *Double-Objective*, consisting of two Achromatic Combinations of 130 Mm. and 87 Mm. diameter, and 1.274 Meter focal length, completely mounted, Size of image, 806 Mm and 1,040 Meter. . . . . \$215 00

9. *Double-Objective*, consisting of two Achromatic Combinations of 156 Mm. and 104 Mm. diameter, and 1,534 Meter focal length, completely mounted. Size of image, 962 Mm. and 1,248 Meter. . . . . \$365 00

10. *Double-Objective*, consisting of two Achromatic Combinations of 15 Mm. and 10 Mm. diameter, and 110 Mm. focal length, completely mounted. Size of image, 104 Mm., for taking stereoscopic views. Per pair, . . . . . \$45 00

These Orthoscopic Lenses, under favorable circumstances, have been most successfully used in the open air, for taking large groups of persons; but they are especially intended for taking views, copying maps, and pictures. They consist, like our portrait combinations, of two achromatic lenses, with this difference, that only the front lens is a *collecting* one while the smaller back lens is of *dispersing* power.

The advantages that this orthoscopic combination possesses over the single achromatic lenses in use, for taking inanimate objects, are manifold. The orthoscopic combination, allows not only a larger, and flatter field, an increased amount of light

and precision, but also a more equal division of light, and sharpness.

The size of the picture to be obtained by these orthoscopic lenses varies according to the distance of the object to be taken; it is the smaller, the nearer the object, and the larger, the more distant it is. The two sizes stated in the catalogue for each orthoscopic lens, indicate therefore the largest sizes to be produced either for objects near or distant; for instance, with reference to lens No. 1, 182 Mm. is the largest size for near objects, whilst 260 Mm. indicates the largest size, for objects very distant.

The glasses composing the front lens of the orthoscopic combination, are cemented together, and fixed in the cell, but the two glasses of the back lens are loose, just as is the case with our portrait combination; care must be taken to replace them in their respective positions, when having been taken out of the cell, to be cleaned. The double-concave lens of crown glass, is to be put in first, with its flatter side downwards, then follows the concave-convex lens of flint glass, with the concave side inwards; both are fixed by the ring, which, however, must not be screwed down too tightly. These orthoscopic objectives like all photographic lenses, cannot be used conveniently without being diaphragmed, the diaphragms are not placed between the two lenses, but behind the back lens, and are fixed by means of a sliding cap, which, if no diaphragm with a smaller aperture is used, forms in itself, the diaphragm with the largest aperture.

## DARLOT LENSES.

These Lenses are acknowledged by all, to be superior to any manufactured by other French opticians, Darlot having received quite a number of medals for the best Lenses wherever he has exhibited them. The latest awards were, Silver Medal at the Paris Exposition in 1867, and a Medal of Merit at the Exposition at Vienna in 1873; these were the highest awards made for Photographic Lenses.

### *Darlot Gem Lenses.*

1-9 size,	\$3 20
1-6 " "	4 50
1-4 " "	5 50
1-4 " Central stops,	7 00

All have B. F. & Co. engraved on the tubes now. See that this mark is on them if you want the genuine Darlot. We can furnish them in sets of 4, 6, 8, 9, or more perfectly matched.

### *New Stereoscopic Lenses.*

New Stereoscopic Tube and Lens, made expressly for us, marked with our name (Imitation Dallmeyer), with rack and pinion, central stops, for portraits or views. Will work in or out of doors. Also, for instantaneous pictures. Four inch focus, PRICE PER PAIR, \$21 00. By taking out back lens, and using only front lens in place of back, you get six-inch focus. The great and increasing demand for these lenses is a sure guarantee that they are the best.

*Darlot Portrait Lenses.*

## RACK AND PINION WITHOUT CENTRAL STOPS.

1-4 size,	\$8 00
1-2 "	16 50
4-4 "	37 50

The 1-4 and 1-2 sizes can furnish in matched pairs.

*Darlot Portrait Lenses.*

## RACK AND PINION WITH CENTRAL STOPS.

1-4 size,	\$10 00
1-3 "	16 50
1-2 "	19 00
4-4 " for 8-10 plates and smaller	42 00
8-4 " 11-14 " "	125 00
Mam. " 14-17 " "	215 00

The 1-4, 1-3 and 1-2 sizes can furnish in matched pairs.

*Darlot Quick-working Lenses.*

## RACK AND PINION, WITH CENTRAL STOPS.

1-2 size,	\$25 00
2-3 "	37 50
4-4 "	50 00
Ex. 4-4 size for 8-10 plates	95 00
Focusing glasses,	3 00

*Darlot Portrait Lenses.*

## WITH VIEW ATTACHMENT, CONE STYLE, WITH RACK AND PINION AND STOPS.

1-4 size,	\$15 00
1-3 "	21 00

1-2 size,	\$27 00
4-4 " for 8-10 plates and smaller,	58 00
8-4 " " 11-14 " "	150 00
Mam. size, for 14-17 plates "	230 00
Extra " 17-20 " "	400 00

*Darlot View Lenses.*

1-9 size,	\$5 00
1-6 "	6 00
1-4 "	6 75
1-3 " for 6 1-2x8 1-2 plate,	9 00
1-2 " " 10x12 "	10 50
2-3 " " 11x14 "	15 00
4-4 " " 14x18 "	21 00

The 1-9, 1-6 and 1-4 size can be had in matched pairs for Stereoscopic work.

*Darlot Hemispherical View Lenses.*

## WIDE ANGLE AND QUICK-WORKING.

	Focal Length	Size View.	
No. 1 Rapid, 5 inch,		5 x 5	\$16 50
2	3 "	4 x 5	16 50
3	5 "	5 x 8	22 50
4	8 "	10 x 12	28 50
5	12 "	14 x 17	40 00
6	16 "	17 x 20	56 00

Nos. 1, 2 and 3 can be had in matched pairs for Stereoscopic work.

*Condensing Lenses.*

Made of very pure Crown Glass, are short focus, and perfectly polished. We can safely recommend them as the best lenses ever made for solar work

10 inch diameter, 14 inch focus,	.	\$35 50
12 " " 16 "	.	50 00
14 " " 18 "	.	70 00
16 " " 21 "	.	87 50

Larger sizes imported to order.

### *Magic Lantern Condensers.*

4 1-8 inch diameter, per pair,	.	\$8 50
4 1-2 " " "	.	9 00
5 " " "	.	10 00

### *Central Stops, Flanges and Caps.*

We can furnish Stops, Flanges and Leather Caps for any of our Lenses, at the following prices:

	Central Stops.	Flanges.	Leather Caps.
Stero. Tubes per Set,	\$1 50	\$0 75	\$0 50
1-4 size, "	1 50	75	75
1-3 " "	1 75	80	80
1-2 " "	2 00	1 00	1 00
2-3 " "	2 25	1 25	1 10
4-4 " "	2 50	1 50	1 25

### *Universal Darlot Lenses.*

#### NEW PATENT COMBINATION LENSES.

This Lens has been expressly constructed to supply the wants of Landscape Photographers. It consists of a double combination tube, with central stops, to make cartes de visite

or portraits, 4 1-2 x 6, besides six extra double lenses which all fit into the tube, and allow photographers to make views from the stereoscopic size to a 11 x 14 plate, and all the intermediate sizes. We furnish this Lens single or in matched pairs.

Single Combination, Tube and Lens,	.	\$75 00
Double Combination, Tube and Lens,	.	150 00
Single " Tube and Lens, $\frac{1}{2}$ size, 3 extra Lenses	.	85 00

These Lenses come securely packed in a morocco case. The different sizes of views are obtained by combining the different Lenses according to the following

### INSTRUCTIONS:

No. 2,

The Lens as it is in the Tube has a focus of 15 Centimeters, and can be used for taking Portraits and Instantaneous Stereoscopic Views. For this purpose it will be necessary to employ a Diaphragm from about 29 to 33 Mm., or smaller according to the light.

#### ANGLE OF 45 DEGREES. LENSES FOR VIEWS OR REPRODUCTIONS.

One Lens only put on figure A, for instance.

Lens m'ked Focus 38 takes a view of size 40 Cen's diap. from 9 to 15 Mm.					
"	27	"	30	"	7 " 12 "
"	17	"	19	"	7 " 12 "
"	13	"	15	"	5 " 12 "
"	11	"	13	"	5 " 9 "

## ANGLE OF 90 DEGREES. DOUBLE LENSES.

Diaphragm put on B., for instance.

Lens m'kd 38 put on B and another lens m'kd 38 on A gives focus 19 Mm.

"	38	"	"	"	"	27	"	"	17	"
"	38	"	"	"	"	17	"	"	13	"
"	38	"	"	"	"	13	"	"	11	"
"	38	"	"	"	"	11	"	"	9	"
"	27	"	"	"	"	17	"	"	12	"
"	27	"	"	"	"	13	"	"	10	"
"	27	"	"	"	"	11	"	"	8	"
"	17	"	"	"	"	13	"	"	7	"
"	17	"	"	"	"	11	"	"	7	"
"	13	"	"	"	"	11	"	"	6	"

One may obtain a Supplement of Focuses in putting the lens portrait A on A, and all the collection of lenses on Figure B

## DALLMEYER LENSES.

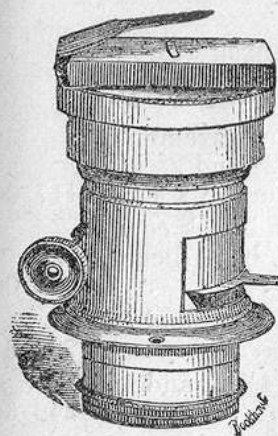
THE first requirement in making Photographs of great merit, whether for Portraiture, Landscapes, Architectural views, or Copying, is a lens that, in skilled hands, promises the very best results. Those who excel uniformly select Dallmeyer lenses, and pronounce them indispensable.

The PATENT PORTRAIT combinations have an adjustment of the back lens, by which a diffusion of focus, or depth of definition is obtained. This is not found in any other make. They also have a full set of the Waterhouse Diaphragms in Morocco Cases.

## Dallmeyer's Quick-acting Portrait Lenses.

(Introduced November, 1860) especially constructed for

## Carte de Visite Portraits.



No. 1 B. PORTRAIT LENS, consisting of two achromatic combinations, mounted in tube, with rack and pinion movement, the lenses 2 in. diameter, and  $4\frac{1}{4}$  in. focal length from the back glass, producing pictures on plates  $4\frac{1}{4}$  by  $3\frac{1}{4}$  in. and under. . . . . \$56 00

Distance between the subject (5 ft. 8 in. high) and the lens, for a figure  $2\frac{3}{4}$  in., from 12 to 13 feet. The Lenses can be had in pairs, or four, of exactly equal foci.

No. 1 B (LONG). Diameter of Lenses  $2\frac{1}{8}$  in., back focus  $4\frac{3}{4}$  in., distance from 14 to 15 ft. for above standard, 61 00

This lens is constructed to meet the requirements of those photographers who desire to use a longer focus Lens than No. 1 B, but who have not sufficient length of gallery for No. 2 B.

- No. 2 B. PORTRAIT LENS, the Lenses  $2\frac{3}{4}$  in. diameter, and 6 in. focal length from the back glass, for pictures on plates 5 by 4 in. and under. . . . . \$115 00  
Distance between the subject (5 ft. 8 in. high) and the Lens, for a figure  $2\frac{3}{4}$  in., from 18 to 19 feet.

**Dallmeyer's Patent Portrait Lenses. (B.)**  
**Quick-acting Lenses.**

- No. 2 B. PATENT LENS, with rack and pinion movement. Diameter of Lenses,  $2\frac{3}{4}$  in., and back focus 6 in. Especially constructed for CARTE DE VISITE Portraits. Distance between Subject and Lens for a standing figure, 18 ft. . . . . \$119 00  
No. 3. B. DITTO, DITTO. Diameter of Lenses  $3\frac{1}{2}$  in., and back focus 8 in. Especially constructed for the NEW CABINET PORTRAITS. Distance between Subject and Lens for a standing figure, 18 ft. . . . . 180 00  
No. 4 B. DITTO, DITTO. Diameter of Lenses  $4\frac{1}{2}$  in., and back focus 12 in., for pictures  $8\frac{1}{2}$  x  $6\frac{1}{2}$  in. Distance for a Cabinet Portrait, 25 ft. . . . . 360 00

**Dallmeyer's Patent Portrait Lenses (A.)**

**Of the Ordinary Intensity or Rapidity,**

- No. 1 A\*. PATENT LENS, with rack and pinion movement. Diameter of front and back combinations,  $2\frac{3}{4}$  and  $2\frac{5}{8}$  in. respectively, and  $6\frac{1}{2}$  in. back focus; for pictures 5 x 4 in. \$117 00  
No. 2 A\*. DITTO, DITTO. Diameter of front and back combinations,  $3\frac{1}{2}$  and  $3\frac{1}{4}$  in. respectively; 10 in. back focus; for pictures  $6\frac{1}{2}$  by  $4\frac{3}{4}$  in. . . . . 162 00  
No. 3 A\*. DITTO, DITTO. Diameter of Lenses 4 in., and 12 in. back focus; for pictures  $8\frac{1}{2}$  by  $6\frac{1}{2}$  in. . . . . 245 00  
No. 4 A. DITTO, DITTO. Diameter of Lenses  $4\frac{1}{2}$  in. and 14 in. back focus; for pictures 10 x 8 in. . . . . 346 50  
No. 5 A. IN RIGID MOUNT, Diameter of Lenses 5 in., and 18 in. back focus; for pictures 15 x 15 in. and under. . . . . 450 00  
No. 6 A. DITTO, DITTO. Diameter of Lenses 6 in., and 22 in. back focus; for pictures 20 x 16 in. and under. . . . . 540 00

\* These lenses are well adapted for the New Cabinet Portraits, according to length of gallery. Thus, No. 1 A requires a distance of 14 feet between subject and lens (not recommended if a longer focus lens can be used). No 2 A, 20 ft., and No. 3 A, 24 ft.

**Dallmeyer's "EXTRA" quick-acting Portrait Lenses.**

POSSESSING THE GREATEST POSSIBLE RAPIDITY CONSISTENT WITH PERFECT DEFINITION. ESPECIALLY CONSTRUCTED FOR PORTRAITS OF CHILDREN, BUT GENERALLY USEFUL ALSO FOR VIGNETTES, CARTES DE VISITE, LOCKET PORTRAITS, ETC.

- No. 2 C. PORTRAIT LENS, with rack and pinion movement; the lenses  $2\frac{3}{4}$  in. diameter and  $4\frac{1}{2}$  in. focal length from the back glass; for pictures on plates  $4\frac{1}{4}$  x  $3\frac{1}{4}$  and under. . \$142 00  
This Lens produces pictures in one-half the time of No. 1 B [long], but the field of view is not so flat; hence, for STANDING figures, a stop must be used.  
A MINIATURE LENS. DITTO, DITTO. The lenses  $1\frac{1}{4}$  in. and  $1\frac{3}{8}$  in. diameter respectively, and 2 in. focus from the back glass; for pictures on plates 2 in. by 2 in., and, when used with stops, for  $3\frac{1}{4}$  in. by  $2\frac{3}{4}$  in. . . . . 52 00  
A. MEDALLION LENS. Diameter of combinations  $\frac{3}{4}$  in., back focus 1 in., in a rigid mount, without stops. . . . . 23 00

**Dallmeyer's Patent Portrait and Group Lenses (D).**

These Lenses are perhaps the most generally useful instruments a photographer, more especially the amateur, can be possessed of. Thus, with the full opening they are well adapted to portraiture in the studio, (as for groups, studies, large heads, etc.); possessing four times greater intensity than the well-known Triple Achromatic Lens; and when used with smaller stops, these new Lenses answer equally well for out-door photography, such as architectural views, landscapes, etc. They are entirely free from distortion and flare.

With the exception of No. 3 D, the Lenses are mounted in Rigid settings, i.e., without rack and pinion movement.

	<i>Dia. of Lenses.</i>	<i>Back focus.</i>	<i>Size of Group.</i>	<i>Size of View.</i>	
No. 3 D* Patent,	$2\frac{3}{8}$	$10\frac{1}{2}$	$8\frac{1}{2}$ x $6\frac{1}{2}$	10 x 8	\$85 50
No. 4 D*	$2\frac{7}{8}$	13	10 x 8	12 x 10	121 50
No. 5 D	$3\frac{1}{4}$	16	12 x 10	15 x 12	157 50
No. 6 D	4	$19\frac{1}{2}$	15 x 12	18 x 16	238 50
No. 7 D	5	24	18 x 16	22 x 20	428 50
No. 8 D	6	30	22 x 20	25 x 21	522 00

\* Distance for a Cabinet Portrait with No. 3 D 18 feet, with No. 4 D 25 feet.

### Dallmeyer's New Patent Stereographic Lens.

**Especially constructed for Instantaneous Views, Small Portraits, Groups, Interiors, Landscapes, etc.**

This new Lens is entirely free from distortion; embraces an angle of about 60 deg.; and when used with the smallest central diaphragm, it is practically free from flare or a central spot.

Diameter of front and back combinations  $1\frac{1}{2}$  in. and  $1\frac{1}{4}$  in. respectively and  $3\frac{3}{8}$  in. focus from the back glass (equivalent focus 5 inches).

In sliding mount each, . . . . . \$38 00

Ditto, ditto, with rack and pinion movement, each . 43 00

When the Lenses are used in pairs, and the posterior Lens is unscrewed to obtain diffusion of focus, care should be taken that the amount of unscrewing or separation is exactly alike in both, as is indicated by divisions and index, in order to preserve identity of focus, etc.

N.B.—The front combination can be used alone and intact (focal length 8 inches), simply by unscrewing and dispensing with the back combination, when, with a small-sized stop, it will be found to cover the  $7\frac{1}{4}$  by  $4\frac{1}{2}$  plate.

FOR VERY SHORT OPERATING-ROOMS THIS LENS CAN ALSO BE USED  
FOR C. DE V.

### Dallmeyer's Quick-acting Stereoscopic Landscape Lenses.

No. 1.  $1\frac{1}{4}$  in. diameter,  $4\frac{1}{2}$  in. back focus, in rigid mount, with rotating stops, each . . . . . \$18 00

No. 2.  $1\frac{1}{2}$  in. diameter, 6 in. back focus, in rigid mount, with rotating stops, each . . . . . 20 00

A single combination Stereoscopic View Lens, of 1 inch diameter and  $4\frac{1}{2}$  in focus, each . . . . . 12 50

Ditto, ditto, of  $1\frac{1}{4}$  in. diameter and 6 in. focus, each . . . . . 12 50

This lens has been especially constructed for pure "Landscape" photography, for which it possesses the following advantages over multiple or non-distorting lenses. It has only two reflecting surfaces, and therefore produces more BRILLIANT pictures, free from all fog and flare whatever; the illumination also is practically EQUAL from centre to margin of the picture, and the definition is perfect with a comparatively LARGE aperture—or in other words, it is QUICKER ACTING.

### Dallmeyer's Rectilinear Stereo. Lenses.

ESPECIALLY CONSTRUCTED FOR ARCHITECTURAL AND LANDSCAPE VIEWS IN  
CONFINED SITUATIONS.

Diameter of front combination,  $\frac{3}{8}$  in.; back focus,  $2\frac{1}{2}$  in.

[equivalent focus 3 in.]; mounted in rigid setting, with

rotating diaphragm plate, each . . . . . \$36 00

### Dallmeyer's New Wide-Angle Landscape Lens.

(PATENT.)

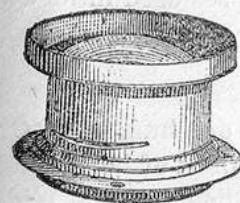
THE LENSES ARE MOUNTED IN "RIGID" TUBES OR SETTINGS, WITH "ROTATING" STOPS.

No.	Size of Plate.	Diameter of Lenses.	Equivalent Focus.	Price.	Remarks.
1A	5 x 4	$1\frac{3}{8}$	$5\frac{1}{4}$	\$29 00	No. 1A and No. 1 are made to screw into the same flange as
1	$7\frac{1}{4}$ x $4\frac{1}{2}$	$1\frac{5}{8}$	7	34 00	No. 1 Triple Achromatic Lens.
2	$8\frac{1}{2}$ x $6\frac{1}{2}$	$1\frac{7}{8}$	$8\frac{1}{2}$	41 00	Nos. 2 and 3 screw into No. 2 Triple Achromatic flange.
3	10 x 8	$2\frac{1}{8}$	10	50 00	
4	12 x 10	$2\frac{1}{2}$	12	63 00	
5	15 x 12	$2\frac{5}{8}$	15	76 50	
6	18 x 16	3	18	94 50	
7	22 x 20	$3\frac{5}{8}$	22	126 00	
8	25 x 21	$4\frac{1}{4}$	25	171 00	

### Dallmeyer's Wide-angle Rectilinear Lenses.

(PATENT.)

These lenses embrace angles of pictures from 90 to 100 deg., and enable photographers to take views of buildings, interiors, etc., in confined situations, where lenses of longer focus cannot be used, and where absolute rectitude of lines is imperative.



The Wide-angle Rectilinear Lens has the following advantages over existing non-distorting double-combination lenses: It is entirely free from a central spot. It can be used with a larger stop, i.e., it is quicker in action. It produces a more brilliant picture. The lenses of which it is composed are smaller and thinner, for a given sized plate, than those of other lenses intended for the same size of picture.



## DIMENSIONS AND PRICES.\*

The lenses are mounted in Rigid settings or tubes, and each is furnished with a rotating diaphragm plate. In the column below, the largest size of plate covered by each lens is recorded, and if microscopic definition up to the corners be required, the smallest or smallest but one stop should be used.

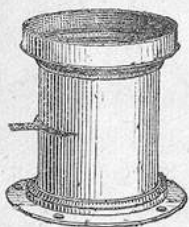
No.	Largest Di- mension of Plate.	Dia. front Combinat'n	Back Focus	Equivalent Focus	Price.	Remarks.
1AA	7 $\frac{1}{4}$ x 4 $\frac{1}{2}$	$\frac{7}{8}$ in.	3 $\frac{1}{2}$ in.	4 in.	\$41 00	No. 1A and No.
1A	8 $\frac{1}{2}$ " 6 $\frac{1}{2}$	1 $\frac{1}{4}$ "	4 $\frac{3}{8}$ "	5 $\frac{1}{4}$ "	50 00	1 are made to
1	12 " 10	1 $\frac{1}{2}$ "	6 $\frac{1}{4}$ "	7 "	67 50	screw into the
2	15 " 12	2 "	7 $\frac{1}{2}$ "	8 $\frac{1}{2}$ "	94 50	same flange as
3	18 " 16	2 $\frac{1}{2}$ "	11 "	13 "	126 00	the No. 1 Triple
4	22 " 20	3 "	14 "	15 $\frac{1}{2}$ "	180 00	Achromatic.

\* This lens is also well adapted for Stereoscopic Views.

## Dallmeyer's Rapid Rectilinear Lenses.

(PATENT.)

This Lens is constructed to embrace angles of pictures from 60 to 80 deg. It admits of being used with the full opening, when it possesses four times greater rapidity than the above Wide-angle Rectilinear and about twice that of the Triple Achromatic, or the Petzval Orthoscopic, Orthographic, etc., Lenses. It is therefore invaluable for dimly-lighted interiors, and for all kinds of quick out-door photography—i.e., for instantaneous effects, groups, landscapes, etc. The image produced by this lens is absolutely free from distortion, and on account of the comparatively small diameters of lenses used in its construction, the resulting picture is free from all flare or central spot.



## DIMENSIONS AND PRICES.

Each lens is supplied with a set of Waterhouse diaphragms. (Observe! The apertures of stops are too large to admit of being made in the form of a rotating diaphragm plate, as supplied with the Wide-angle Rectilinear.) The respective sizes of views, and the focal lengths of lenses named below, are the same as those recorded under the heading "Triple Achromatic Lens," this being a well approved proportion of size of picture and focal length of lens; but, if required, each lens

marked below, with smaller stops, can be used for the next size larger view.

Size of View or Landscape.	Size of Group or Portrait.	Diameter of Lenses.	Back Focus.	Equivalent Focus.	Price Rigid Set.
5 x 4 in.	4 $\frac{1}{4}$ x 3 $\frac{1}{4}$ in.	1 in.	5 $\frac{1}{2}$ in.	6 in.	\$41 00
7 $\frac{1}{4}$ x 4 $\frac{1}{2}$ "	5 x 4 "	1 $\frac{1}{4}$ "	7 $\frac{1}{2}$ "	8 $\frac{1}{4}$ "	50 00
8 $\frac{1}{2}$ x 6 $\frac{1}{2}$ "	6 x 5 "	1 $\frac{1}{2}$ "	10 $\frac{1}{4}$ "	11 "	63 00
10 x 8 "	8 $\frac{1}{2}$ x 6 $\frac{1}{2}$ "	1 $\frac{3}{4}$ "	12 $\frac{1}{4}$ "	13 "	81 00
12 x 10 "	10 x 8 "	2 "	15 "	16 "	99 00
15 x 12 "	12 x 10 "	2 $\frac{1}{2}$ "	18 "	19 $\frac{1}{2}$ "	135 00
18 x 16 "	15 x 12 "	3 "	23 "	24 $\frac{3}{4}$ "	180 00
22 x 20 "	18 x 16 "	3 $\frac{3}{4}$ "	28 "	30 $\frac{1}{2}$ "	243 00
25 x 21 "	22 x 20 "	4 "	31 "	33 $\frac{1}{2}$ "	288 00

## Dallmeyer's Triple Achromatic Lens.

(FREE FROM DISTORTION.)

FOR ARCHITECTURAL VIEWS, COPYING, ETC., ALSO FOR LANDSCAPES AND GROUPS. (INTRODUCED AUGUST, 1860.)

## DIMENSIONS AND PRICES.

No.	Size of View or Landscape.	Size of Group or Portrait.	Diameter of back combination.	Back Focus.	Price, Rigid Setting.
1	6 x 5 in.	5 x 4 in.	1 $\frac{1}{2}$ in.	7 in.	\$38 00
2	8 $\frac{1}{2}$ x 6 $\frac{1}{2}$ "	7 x 6 "	2 "	10 "	50 00
3	10 x 8 "	8 $\frac{1}{2}$ x 6 $\frac{1}{2}$ "	2 $\frac{1}{4}$ "	12 "	59 00
4	12 x 10 "	10 x 8 "	2 $\frac{3}{4}$ "	15 "	76 50
5	15 x 12 "	12 x 10 "	3 $\frac{1}{4}$ "	18 "	99 00
6	18 x 16 "	15 x 12 "	4 "	23 "	126 00
7	22 x 20 "	18 x 16 "	5 "	29 "	171 00
8	25 x 21 "	22 x 20 "	5 $\frac{1}{4}$ "	31 "	216 00

By removing (unscrewing) the central lens, and using the front and back combinations only, the back focus is shortened by about one-half; the time of exposure is now nearly the same as with the ordinary portrait lens, but the curvature of field is greater, and therefore it should only be used for Vignette heads, or the like.

**THE E. A. LENS.**

The attention of Photographers is directed to the following observations, to assist them in the selection of Lenses. The portrait Lenses are so constructed that the back lens can be removed and the front lens screwed in its place, which makes a view lens of same, and with which fine, sharp views can be made. All the portrait lenses are fitted with central stops, of improved pattern, excluding light and dust, from the tube when used either with or without the stops.

**Portrait Lenses.**

1-4 size, Rack, Pinion, C. S., \$11 50	4-4 size, Rack, Pinion, C. S., \$45.
1-3 " " " " 18 00	Ex. 4-4 " " " 100
1-2 " " " " 21 00	

**View Lenses.**

1-9 size, Stereo. Views, pair, \$10 00	1-3 size, 8x10 Views, each, \$9 00
1-6 " " " " 13 00	1-2 " 10x12 " " 11 50
1-4 " 7x9 " each, 7 50	4-4 " 14x17 " " 23 00

**New Stereoscopic Lenses.**

For instantaneous out-door views, in-door stereo. groups, etc. They are so constructed that the back lenses can be removed and the front ones screwed in their places, thus making a pair of single combination landscape lenses. These are all in matched pairs, and have a full set of diaphragms in leather case. Price per pair, \$22 00.

**Gem Tubes.**

These are with the exception of rack work and central stops, exactly similar to the portrait lenses above mentioned, and are perfectly matched.

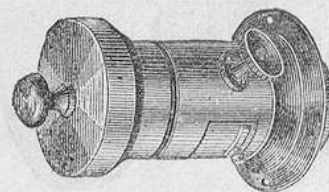
1-9 size, . . . . .	Each, \$3 75
1-4 " . . . . .	" 7 00
Brass plates for four 1-9 on 1-4 plate, . . . . .	" 2 00
" " nine 1-9 on 5-7 " . . . . .	" 3 00
" " four 1-4 on 5-7 " . . . . .	" 2 50

These plates are so constructed that each gem tube screws close to the shoulder on the same, placing all in perfect focus.

**Condensing Lenses.**

9 in. dia, 21 in. foc., each, \$12 50	14 in. dia., 18 in. foc., each, \$75 00
10 " 25 " " 13 75	15 " 19 " " 85 00
10 " 14 " " 35 00	16 " 21 " " 95 00
12 " 16 " " 50 00	18 " 24 " " 150 00

Made of the finest crown glass, perfectly polished, and warranted.

**THE "PEERLESS" PORTRAIT LENS.**

1-4 size, double achromatic lenses,  $1\frac{3}{8}$  inches diameter, focal length 5 inches. Rack-and-pinion, and fitted with central stops, . . . . . \$12 50

1-2 size, double achromatic lenses,  $2\frac{1}{4}$  inches diameter, focal length 6 inches. Rack-and-pinion, and fitted with central stops, . . . . . 20 00

4-4 size, double achromatic lenses, 3 inches diameter, focal length  $10\frac{1}{2}$  inches. Rack-and-pinion, and fitted with central stops, . . . . . 50 00

Ex. 4-4 size, double achromatic lenses,  $4\frac{1}{8}$  inches diam., focal length  $15\frac{1}{2}$  inches. Rack-and-pinion, and fitted with central stops, . . . . . 125 00

**"Peerless" Portrait Lenses.****QUICK ACTING.**

1-4 size, Double Achromatic Lenses,  $2\frac{1}{8}$  inches diameter, focal length 4 inches. Rack-and-pinion, and fitted with five Waterhouse Diaphragms in morocco case, . . . . . \$25 00

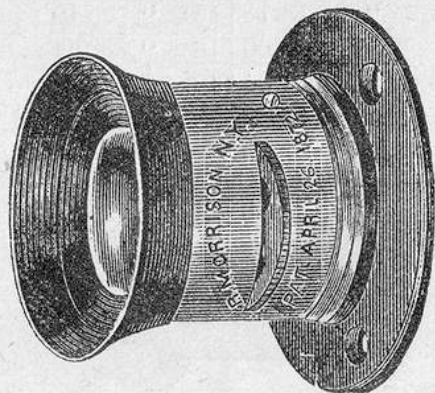
1-2 size, Double Achromatic Lenses,  $2\frac{3}{8}$  inches diameter focal length 7 inches. Rack-and-pinion, and fitted with seven Waterhouse Diaphragms in morocco case, . . . . . 40 00

4-4, size Double Achromatic Lenses, 3 inches diameter focal length 9 inches. Rack-and-pinion, and fitted with eight Waterhouse Diaphragms in morocco case, . . . . . 60 00

Ex. 4-4 size, Double Achromatic Lenses, 4 inches diam., focal length  $14\frac{1}{2}$  inches. Rack-and-pinion, and fitted with eight Waterhouse Diaphragms in morocco case, . . . . . 150 00

**MORRISON'S WIDE-ANGLE VIEW LENSES.**

Patented April 26, 1872, and May 21, 1872.



These lenses are constructed on scientific principles; they embrace an angle of fully ninety degrees, and are absolutely free from distortion and flare.

No.	Size view.	Focal Length.	Price.
1, .....	3 x 3 .....	2½ inch .....	\$30 00 per pair.
2, .....	3½ x 5 .....	3 " .....	60 00 "
3, .....	4 x 5½ .....	4 " .....	60 00 "
4, .....	4¼ x 6¼ .....	4½ " .....	60 00 "
5, .....	5 x 8 .....	5 " .....	60 00 "
6, .....	6½ x 8½ .....	6 " .....	60 00 "
7, .....	8 x 10 .....	8 " .....	40 00 each.
8, .....	11 x 14 .....	10 " .....	60 00 "
9, .....	14 x 17 .....	13½ " .....	80 00 "
10, .....	17 x 20 .....	15½ " .....	100 00 "
11, .....	24 x 30 .....	18 " .....	160 00 "

REMARKS.—Nos. 1 to 5 are all made in matched pairs for stereoscopic work. The shorter focused lenses are especially adapted for street and other views in confined situations. For general purposes, a pair of No. 5 Lenses will be found most useful.

**MORRISON'S QUICK-WORKING TRIPLET LENS.**

FOR GROUPS, VIEWING, ETC.

ABSOLUTELY RECTILINEAR, AND FREE FROM DISTORTION AND ASTIGMATION.

No.	Size of View or Landscape.	Size of Group or Portrait.	Back Focus.	Price with Central Stops.
D, .....	8 x 10 in. ....	6½ x 8½ in. ....	12 in. ....	\$80 00 each.
E, .....	11 x 14 " .....	8 x 10 " .....	15 " .....	90 00 "
F, .....	14 x 17 " .....	11 x 14 " .....	20 " .....	100 00 "

Larger or smaller sizes made to order.

**THE ZENTMAYER LENS.**

FOR VIEWS AND COPYING.

These Lenses possess pre-eminently the following qualities:

Width of visual angle, ranging from 80 degrees to 90 degrees; depth of focus; extreme sharpness over the whole field; true perspective; freedom from all distortion in copying; portability and cheapness.

Each mounting is provided with a revolving diaphragm, containing the stops of the different combinations for which they are designed. The larger ones are provided with an internal shutter for making and closing the exposure.

No. 1, .....	2½ inch focus. ....	3x3 plate, .....	\$20 00
2, .....	3½ " " .....	4x5 " " .....	25 00
3, .....	5½ " " .....	6½x8½ " " .....	30 00
4, .....	8 " " .....	10x12 " " .....	42 00
5, .....	12 " " .....	14x17 " " .....	60 00
6, .....	18 " " .....	20x24 " " .....	90 00
Nos. 1 and 2 combined, .....			33 00
2 " 3 " .....			40 00
3 " 4 " .....			55 00
4 " 5 " .....			75 00
5 " 6 " .....			110 00
1, 2, and 3, " .....			48 00
3, 4, and 5, " .....			88 00

No. 3.—With large mounting to combine with No. 4 and No. 5, .....

\$35 00

No. 1 and No. 2, specially adapted for stereoscopic Views, are furnished in matched pairs. No. 1 and No. 2, single, not to combine with other sizes, per pair, .....

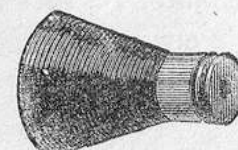
36 00

Lenses and mountings to form all six combinations, from 2½ to 18 inches, .....

173 00

Zentmayer's Stereoscopic outfits, including a pair of No. 2 Lenses, 4 x 7 box, 7 x 10 India-rubber Bath and Dipper, Tripod, Printing Frames, and outside box, .....

60 00

**SCOVILL'S FOCUSING GLASS.**

Price, \$4 00.

# CAMERAS.

## SUCCESS CAMERA BOXES.

In strength, in convenience and adaptation of their parts, in the quality of wood and materials used, and lastly, in beauty and excellence of finish, the SUCCESS CAMERA BOXES are without a rival. They are supplied with Lewis's Patent Universal Solid Glass Corners. These cameras were awarded the Medal of Progress at the Vienna Exposition, being the highest award made to any on either continent.

The Success Camera Boxes are designated by letters from A to Z

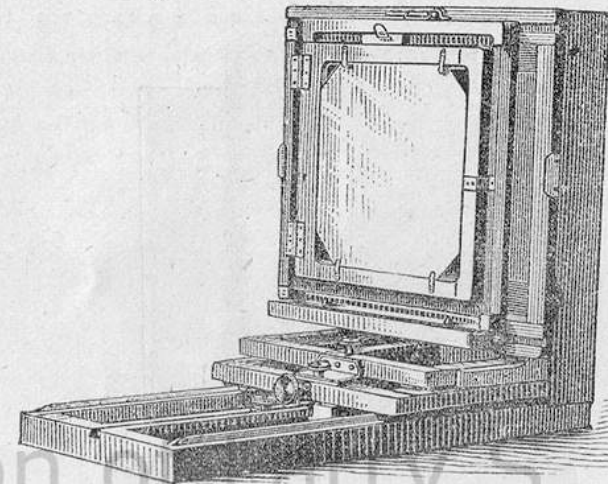
### PORTRAIT BOXES.

		Without Sw.	S'gle Swing	D'ble Sw.
A	For Reversible Plate, 3¼ x 4¼	\$10 00		
B	" " " 4¼ x 5½	12 00	\$16 00	\$20 00
C	" " " 6½ x 8½	24 00	28 00	32 00
D	" " " 8 x 10	28 00	32 00	36 00
E	" " " 10 x 12	33 50	40 00	44 00
F	" " " 11 x 14	40 00	46 50	52 00
G	" " " 14 x 17	52 00	58 50	64 00
H	" " " 17 x 20	64 00	72 00	76 00

### GEM, CARD, AND UNIVERSAL CAMERA BOXES.

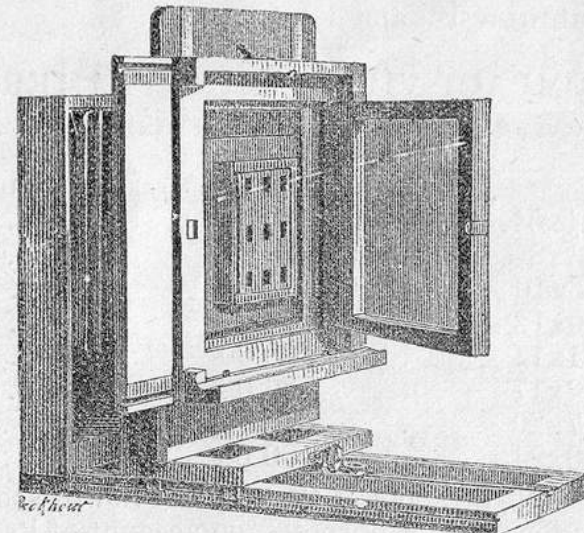
	Without Swing.	S'gle Sw.	D'ble Sw.
I	For 4, 8 and 16 on ¼ plate, 1-9 to ½ Reversible, and 2 on a ½ plate,	\$28 00	
J	Above, fitted with four 1-9 Lenses,	40 00	
K	2 Cards on half of 4-4 plate, and extra shield	20 00	\$24 00 \$28 00

- L 4-4 Imperial and Card Camera Box making from 1-9 to ½ Reversible, 4-4 to 1-6 and Reversible, 2 Cards on 4¼x6½ and two on 6½ x8½, using one tube . . . 33 00 41 00



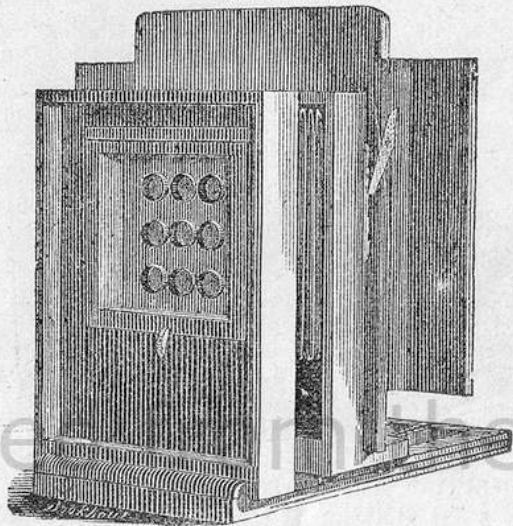
Without silver saving bottle in shield, to order only.

- M 8 x 10 Imperial and Card Camera Box, making 8 x 10 to 1-6 and Reversible, two on 8 x 10, and two on 4¼ x 6½, using one tube, . . . Without Swing. \$37 00 Double Swing. \$45 00



N CAMERA, REAR VIEW.

- N 8 x 10 Multiplying Gem Box, making 72, 36, or 8 on 7 x 10 plate, and 36, 18 and 9 on 5 x 7 with 9 1-9 lenses, 8 on 7 x 10, and 4 on 5 x 7 plate with 1, 2 or 4 lenses, 4 on 7 x 10, 2 on 4-4 and 8 x 10 to  $\frac{1}{4}$ , . . . Without Swing. \$60 00



O CAMERA, FRONT VIEW.

- O Same box as N, fitted with 9 1-9 Lenses, . . . Without Swing. \$85 00  
 Fitted with nine 1-9 and 4 1-4 lens, . . . 105 00

### THE COMPACT VIEW SUCCESS CAMERA.

VERTICAL, SLIDING FRONT AND FOLDING BED.

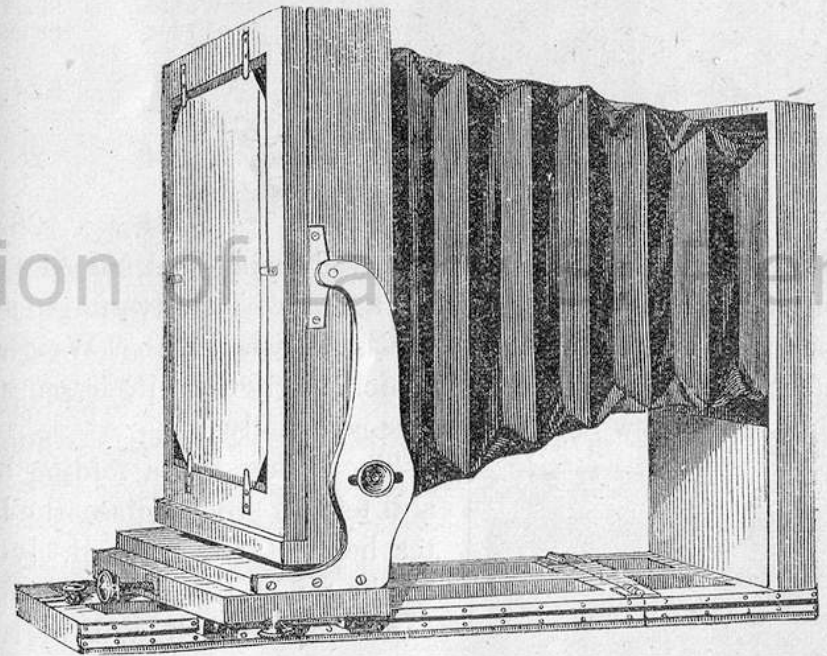
LIGHT AND PORTABLE.

		Without Swing.	Single Swing.	D'ble Swing.
P	For view $4\frac{1}{2} \times 5\frac{1}{2}$ , Reversible	\$20 00	\$24 00	\$28 00
Q	" $6\frac{1}{2} \times 8\frac{1}{2}$	28 00	32 00	36 00
R	" 8x10	32 00	36 00	40 00
S	" 10x12	40 00	44 00	48 00
T	" 11x14	48 00	54 50	60 00
U	" 14x17	56 00	62 50	68 00
V	" 17x20	68 00	75 00	80 00
W	" 20x24	80 00	88 00	92 00

There can be but little doubt that the above will soon supersede all others for viewing purposes, on account of its lessened

weight and greater compactness. The bellows is conical in shape. The bed of the camera is folding, and is provided with a focussing screw. The double swing-back is composed of Nelson Wright's Patent Metallic Support for the vertical swing, and the thumbscrews, which fasten the camera-box to the bed, form the second or lateral swing.

In front below the apertures for lenses, is a small recess or closet, in which extra tubes, flanges, screws, screw-driver, awls, or other small articles may be safely carried. An important feature is the decreased bulk, so that it can be packed in small



THE COMPACT VIEW SUCCESS CAMERA. SIDE AND REAR VIEW.

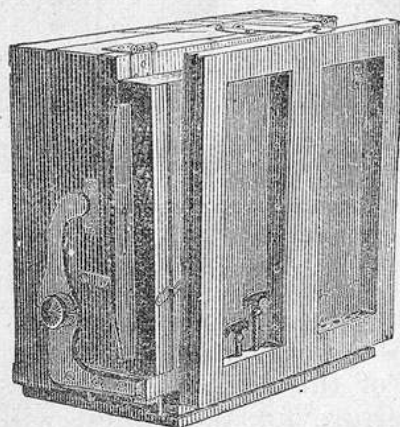
compass. The measurement from the front to the outside surface of the bed, as folded, is only six inches, and the weight twenty-two pounds, including ground glass and plate-holder, for a plate measuring 11 x 14 inches reversible. By referring to the above cut the compactness of this camera will be realized, and in front, below the aperture for the lenses, will be seen a small recess or closet, in which may be stored an awl, screws, screw driver, extra tubes, flanges or other small articles

From the mode of construction the bed is rendered peculiarly rigid, and in their attachment and arrangement the brass guides are effectively protected from injury. In case that, through accident, any part should get broken, it can readily be replaced without returning the box.

### STEREOSCOPIC BOXES.

		Without Swing.	Single. Swing.
X	4 x 7 or 4 x 8 plate, for using short focus Lenses,	\$20.	\$24.
Y	4 x 7 or 4 x 8 plate, folding bed and extra front, for using one Lens if desired,	24.	28.
Z	5 x 8 for Stereo. or single plates, can be used vertically,	24.	28.

We append a cut of our improved Swing-back Success camera-box, Z, which will show at a glance its advantage and superiority over other makes. It is furnished with "Wright's Patent Metallic Supports," which strengthen it, lessen the weight, and allow it to close more compactly.

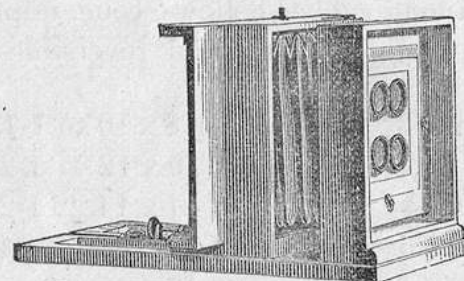


The Z box has a folding bed and folding ground glass, the latter being lifted upward, lying on the top of the camera during exposure; the bellows is of rubber. The Z, Success stereo. box is so light, so compact, so strong, and, lastly, so pretty that few can resist taking it.

The popular size of the stereoscopic negative is now 5 x 8 inches (one-half of an 8 x 10 plate), and this is almost the only size asked for for the purpose.

In this, as well as in all our stereoscopic boxes, the partition can be removed and the box reversed on the tripod, for using the 5 x 8 plate vertically as well as horizontally. From the favor with which this box has been received by the trade, we predict a rapid victory over every other style of stereoscopic Camera in use.

### THE SUCCESS VICTORIA CAMERA.



Polished mahogany, with carriage, improved wooden guide, rubber bellows, and fitted with Lewis's Patent Universal Glass Corners, making—

One or two on 5 x 7 plate to 1-6, and reversible, with one lens.  
Four or eight on 5 x 7 " with four 1-4 gem tubes.

Price for box' without lenses,	\$28 00
" " with 2 1-4 lenses in block,	40 00
" " with 4 1-4 lenses on plate,	50 00
(With 2 1-4 lenses the above makes only 4 on 5 x 7.)	

### PORTRAIT CAMERA BOXES.

Black Walnut, rubber bellows, improved wooden guide, solid bed, swinging ground glass and reversible shield, and solid glass corners.

No. 1. 1-4,	\$9 00	No. 5. 10 x 12,	\$30 00
" 2. 1-2,	10 00	" 6. 11 x 14,	37 50
" 3, 4-4,	15 00	" 7. 14 x 17,	47 50
" 4. 8 x 10,	22 50	" 8. 17 x 20,	60 00

## COMBINATION BOX.

- No. 17. 1-2 to 1-9 and reversible, and extra shields  
for 2 cards on  $4\frac{1}{2}$  by  $6\frac{1}{2}$  plate with one lens, . . \$12 50  
Extra Finish, with Central Brass Guide and Glass  
Cornered Shields, . . . . . 16 50

## COPYING BOXES.

Walnut, extra long rubber bellows, cone, improved wooden guide, focus screw, sliding front and reversible S. G. Corner shield.

- No. 28. With  $3\frac{3}{4}$  foot bed, for 8 x 10 to 1-4, \$35 00  
" 29. " 4 " "10 x 12 " 1-2, 40 00  
" 30. "  $4\frac{1}{2}$  " "11 x 14 " 1-2, 47 50  
" 31. " 5 " "14 x 17 " 4-4, 60 00  
" 32. " 6 " "17 x 20 " 8 x 10 67 50

## STEREOSCOPIC CAMERA BOXES.

WITH SOLID BEDS AND CENTRAL BRASS GUIDES.

- No. 33. For 4 x 7 Plate, . . . . . \$11 00  
" 34. " 4 x 8 " . . . . . 12 25  
" 35. " 5 x 8 " . . . . . 13 50

Mahogany, raise front, swing back, focus screw and brass side guide.

- No. 37. For 5 x 8 Plate, . . . . . \$22 50

## FERROTYPE CAMERA BOXES AND LENSES.

Made of good material and warranted correct. The lenses are good and well-matched.

- No. 37 $\frac{1}{2}$ . Four 1-9 lenses, box and holder, for 4 on 1-4 . \$21 50  
Without lenses, . . . . . 8 00  
No. 38. Six 1-9 lenses, box and holder, for 6 on 1-2, . 30 75  
Without lenses, . . . . . 9 50

- No. 39. Nine 1-9 lenses, box and holder for 9 on 5x7 . \$43 25  
Without lenses, . . . . . 14 50  
No. 41. Four  $\frac{1}{4}$  lenses, box and holder, for 4 on 5x7 . 38 00  
Without lenses, . . . . . 14 50  
No. 42. New York Gem Box and reversible holder,  
for 4, 8, and 16 on  $\frac{1}{4}$  plate, with four 1-9  
lenses, arranged for making two bon tons  
on 1-2 plate with one lens, . . . . . 18 00  
Price, including 4 1-9 lenses, . . . . . 31 50  
No. 43. Universal Portrait and Ferrottype Camera,  
Mahogany, rubber bellows, focus screw, im-  
proved guide. Box and shield, without  
lenses, . . . . . 30 00

This camera seems to be in very great demand from all quarters, and it is the camera for the millions. When fitted with one portrait lens, it will admit of making one on either 8 x 10, 4-4, 1-2, 1-4, 7 x 10 or 5 x 7; two on either 8 x 10, 7 x 10 or 5 x 7. All kits except the 7 x 10 and 5 x 7 are fitted with S. G. corners. It has only one shield, in which all the kits reverse. When fitted with four 1-4 gem tubes on brass plate, it admits of 8 on 7 x 10 and 4 or 8 on 5 x 7.

- No. 44. The same as No. 43, but fitted with four 1-4 gem tubes on brass plate, . . . . . 55 00  
No. 45. The same as No. 43, etc., etc., but fitted with nine 1-9 lenses set on a brass plate, for 9 on 5 x 7 or 18 on 7 x 10, . . . . . 63 00  
No. 49. 1-4 size Gem Box, with four E. A. lenses complete; will make 4 pictures on a 1-4 plate, and 1-9 to 1-4 reversible, . . . . . 22 50  
Without the four 1-9 lenses, . . . . . 11 00

No. 50.	1-2 size Gem Box, with six E. A. lenses; will make 6 pictures on a 1-2 plate, and 1-9 to 1-2 reversible, . . . . .	\$31 50
	Without lenses, . . . . .	13 50
No. 51.	4-4 Gem Box, with twelve E. A. lenses, will make 12 pictures on a 4-4 plate, and 1-6 to 6½ x 8½ reversible, . . . . .	56 50
	Without lenses, . . . . .	18 00
No. 52.	4-4 size Gem Box, with four 1-4 lenses; will make 4 pictures on a 6½ x 8½ plate, and regular work 1-6 to 4-4, . . . . .	45 00
	Without lenses, . . . . .	18 00

#### REVERSIBLE PLATE HOLDERS OR SHIELDS.

With Lewis's Patent Universal Solid Glass Corners, to fit Success Camera Boxes, without Ground Glass.

OUTSIDE HOLDER ONLY.	OUTSIDE HOLDERS AND KITS.
For 1-4 Box, . . . . .	For 1-4 Box, . . . . .
" 1-2 " . . . . .	" 1-2 " . . . . .
" 4-4 " . . . . .	" 4-4 " . . . . .
" 8x10 " . . . . .	" 8x10 " . . . . .
" 10x12 " . . . . .	" 10x12 " . . . . .
" 11x14 " . . . . .	" 11x14 " . . . . .
" 14x17 " . . . . .	" 14x17 " . . . . .
" 17x20 " . . . . .	" 17x20 " . . . . .
" 18x22 " . . . . .	" 18x22 " . . . . .
" 20x24 " . . . . .	" 20x24 " . . . . .

#### KITS OR INSIDE FRAMES.

To hold.	Fits in:	To hold.	Fits in:
1-9 Plate, . . . . .	1-4 Shield \$ 50	5x8 . . . . .	8x10 Shield, \$ 90
1-6 . . . . .	1-2 " 60	6½x8½ . . . . .	8x10 " 1 00
1-4 . . . . .	1-2 " 65	8x10 . . . . .	10x12 " 1 10
1-2 . . . . .	4-4 " 75	8x10 . . . . .	11x14 " 1 20
4½x6½ . . . . .	4-4 " 75	10x12 . . . . .	14x17 " 1 60
5x7 . . . . .	4-4 " 75	11x14 . . . . .	14x17 " 1 60
4½x6½ . . . . .	8x10 " 90	14x17 . . . . .	17x20 " 1 80
5x7 . . . . .	8x10 " 90	14x17 . . . . .	18x22 " 2 25

#### SPECIAL HOLDERS.

For 4x8 or 5x8 Stereoscopic Box, Wooden Slide, . . . . .	\$4 50
" 5x8 " " Rubber " . . . . .	5 00
Card Holder, to fit K Box, . . . . .	4 50
Ambro. " " K " Without Kits, . . . . .	5 00
" " " J " " " . . . . .	5 00
For L Imp. Box, saving bottle, " " . . . . .	8 50
" M " " " " " . . . . .	10 50
" N Multiplying Box, with Rabbetted Kits only, . . . . .	12 00

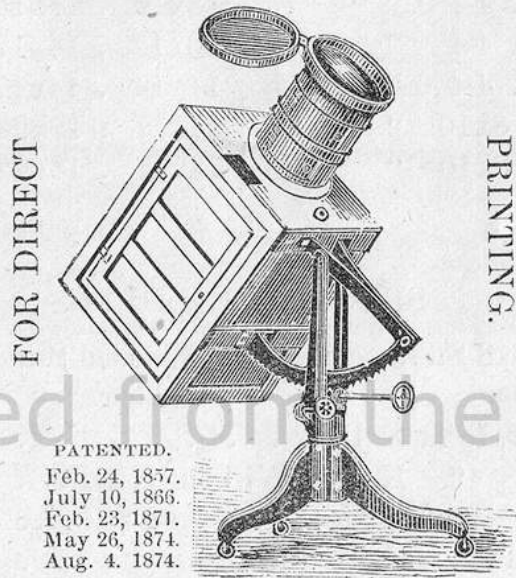
In ordering holders, parties should send their *old* holders as sample—if possible—to avoid mistakes. Otherwise *maker's name* should be given, and outside dimensions; style of box for which holders are intended, whether reversible or non-reversible; *plain* or *swing* box [*single* or *double*]; and whether silver-saving bottle is wanted in the holder.

Unless a camera box is so made to admit of it, a silver saving bottle cannot be attached to the holder, as a special depth of the holder-frame is required. All special holders and cameras are made and repaired under my own supervision and at my factory.

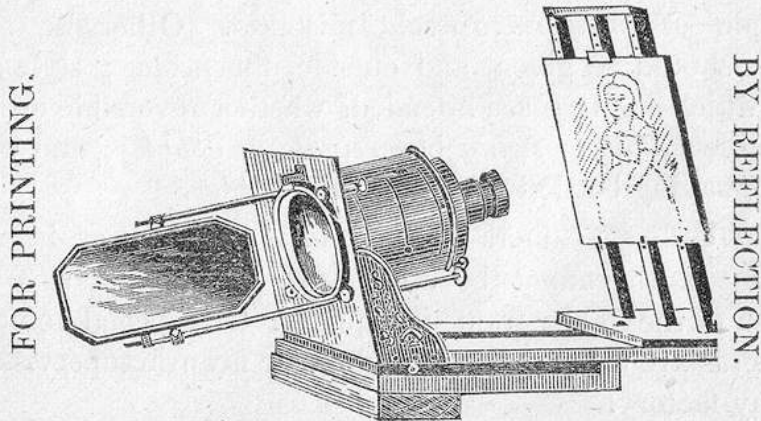


IMPROVED SOLAR CAMERAS.

Manufactured under the immediate direction of D. A. WOODWARD, the original inventor and patentee, combining all the important improvements that have been made. The CONDENSING LENSES, free from color as can be obtained, and



the objective or MAGNIFYING LENSES, (which are triple compound) of short focus, are made in Europe expressly to order, while the OPTICAL CONSTRUCTION of the apparatus is calculated



to secure the greatest amount of light to pass through the negative WITH PRECISION and RAPIDITY of action. By recent improvements the bodies of these Cameras are composed principally of METAL, combining lightness with great strength and durability. The REFLECTING CAMERA can be moved to and from the window with ease, and the highest winds cannot disturb it.

PRICES OF DIRECT PRINTING OR REFLECTING SOLAR CAMERAS:

						BOXING.
10 in. diam. cond. lens,	will print picture	18x22 in.	\$190.	\$2	50	
12 " " " " " "	" " " " " "	25x30 "	220.	4	00	
15 " " " " " "	" " " " " "	29x36 "	275.	6	00	
18 " " " " " "	" " " " " "	40x50 "	400.	8	00	

Every Camera will be tested and accompanied by the PATENT STAMP, and will be provided with the new Automatic Vignetting Apparatus.

BOSTON FERROTYPE CAMERAS.

For Gem Pictures, we can furnish the following Boxes complete:

4-1-9 Tube Box, for 4 on 1-4 plate,	. . . . .	\$26 00
6-1-9 " " 6 on 1-2 " "	. . . . .	35 00
9-1-9 " " 9 on 5x7 " "	. . . . .	52 00
12-1-9 " " 12 on 4-4 " "	. . . . .	65 00
9-1-9 and 4-1-4 Tube Box, for 9 and 4 on 5x7 plate,		85 00
4-1-4 Tube Box, for 4 on 5x7 plate,	. . . . .	45 00
4-1-6 " " 4 on 1-2 " "	. . . . .	35 00
6-1-6 " " 6 on 5x7 " "	. . . . .	50 00
9-1-6 " " 9 on 4-4 " "	. . . . .	75 00
16-1-12 " " 16 on 1-4 " "	. . . . .	50 00
36-1-12 " " 36 on 5x7 " "	. . . . .	110 00
16-1-12 and 4-1-9 Tube Box, for 16 and 4 on 1-4 plates,		75 00

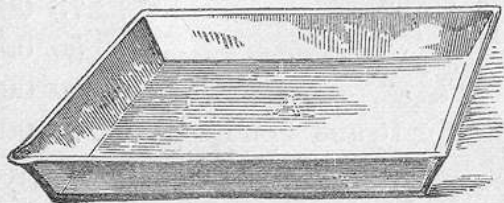
The Lenses are all of the portrait combination, perfectly matched, and are superior to any in use.

DIAPHRAGMS, BLOCKS, &c.

	Diaphragms.	Blocks.
For No. 153.—1-2 size, New York Gem Box, . . . . .	\$1 00	\$1 50
154.—1-4 " Gem Box, . . . . .	1 00	1 50
155.—1-2 " " . . . . .	1 00	1 50
156.—4-4 " " . . . . .	2 00	2 00
157.—4-4 " " . . . . .	2 00	2 00
21.—Victoria Box, . . . . .	3 00	2 00
4-4 size, Imperial Box, . . . . .	1 50	2 00
8-10 " " " . . . . .	1 50	2 00
10-12 " " " . . . . .	2 00	2 00
8-10 " Multiplying Box, No. 25, . . . . .	10 00	2 00

Single fronts for Camera Boxes.	Focusing or Adjusting Screw.	Single fronts for Camera Boxes.	Focusing or Adjusting Screw.
1-4 size, . . . . .	\$0 60 . \$2 50	11 x 14 size, . . . . .	\$1 75 . \$3 00
1-2 " . . . . .	75 . 2 50	14 x 17 " . . . . .	2 00 . 5 00
4-4 " . . . . .	1 00 . 2 50	17 x 20 " . . . . .	2 00 . 5 00
8x10 size, . . . . .	1 25 . 3 00	18 x 22 " . . . . .	2 20 . 5 00
10x12 " . . . . .	1 50 . 3 00	20 x 24 " . . . . .	2 20 . 5 00

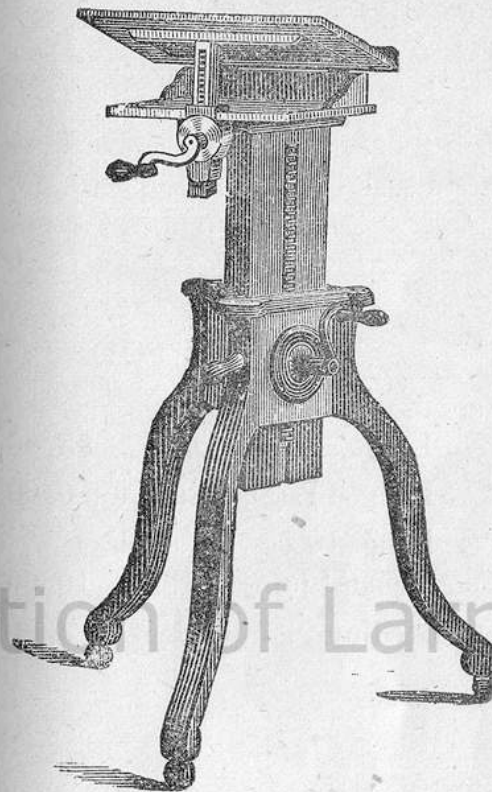
GLASS PANS.



Size,	Price,
7x9.	\$1 00
" 8x10.	" 1 75
" 10x12	" 2 25
" 12x15	" 3 00

CAMERA STANDS.

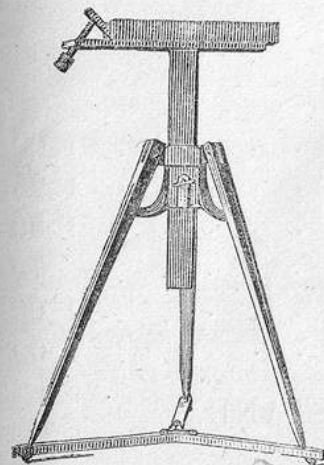
THE PERFECT CAMERA STAND.



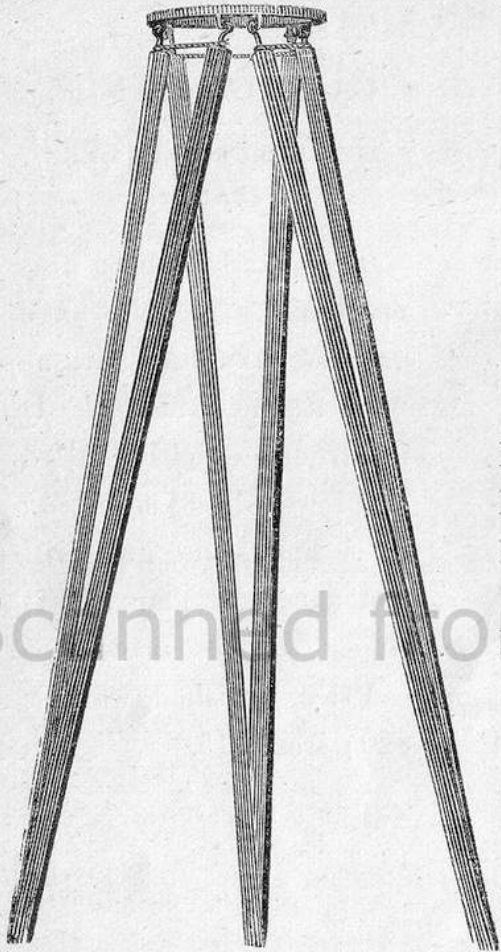
This stand has been pronounced by all who have used or examined it, as "the best ever made." It is strong, quickly raised and lowered and adjusted; it is handsome, and will last a careful man a lifetime.

Price, polished walnut, \$20; iron, \$15.

IMPROVED EXCELSIOR CAMERA STAND.



1/2 size, . . . . .	\$4 00
6 1/2 x 8 1/2 " . . . . .	4 50
8 x 10 " . . . . .	4 50



VIEW TRIPOD.

Large, 12 inch top, .	\$5 00,
Hinged Legs, 12 inch top	6 00
Hinged Legs, 11 inch	
metal top, . . . . .	10 00
Medium, jointed legs,	3 00

PARTS OF TRIPODS.

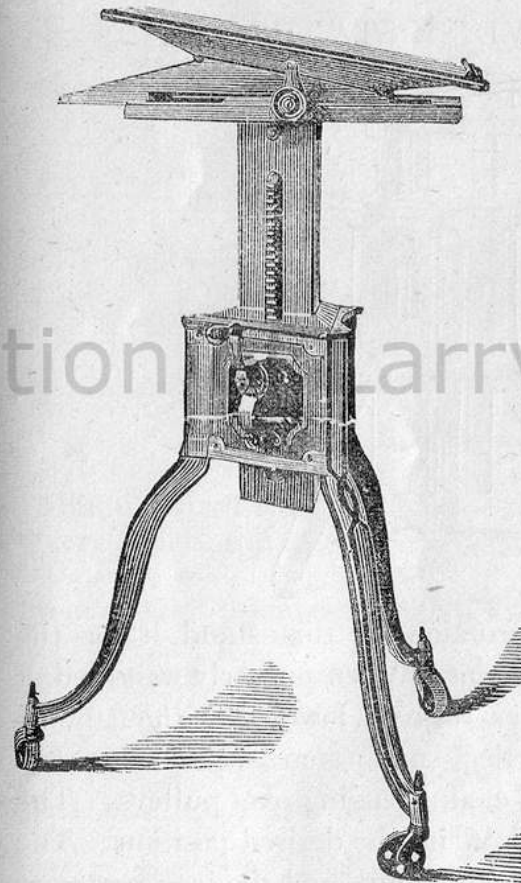
Single leg for No. 1 tripod, each, . . . . .	\$1 00
" " 2 & 3 " " . . . . .	1 25
" " 4 " " . . . . .	1 50
Single top for No. 1 tripod, each, . . . . .	75
" " 2 " " . . . . .	1 00
" " 3 " " . . . . .	1 00

SPAHN'S PLATFORM STAND.

Price \$25.00.

THE KNICKERBOCKER STAND.

This stand, made in five styles, finds great favor, being simple in construction and pleasing in outline. It is mounted on bracket casters, admitting rapid and easy movement to any required position. The legs are of iron, and the upright and top are in black walnut.



Each stand is packed in a separate box. The tops are attached to the upright with screws, in metallic ears, and the legs are firmly fastened with screws to the centre-piece, and are removed when packed. The tops of Nos. 1, 2, 3 and 4 are elevated by means of a snake screw operating on a cog-wheel, and this in turn on the metallic rack of the standard or upright. This peculiar arrangement greatly diminishes the friction, and therefore very little power suffices in elevating or lowering the camera.

The tops of Nos. 0, 1, 2, and 3 are inclined by means of a cam operated by a snake screw, while that of No. 4 is after Stoddard's pattern. We annex a cut of No. 4 entire.

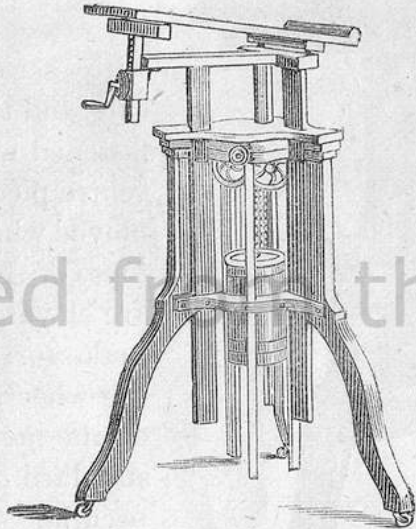
Examine carefully and compare the following prices:

No. 0, for 4-4 camera, . . . . .	\$5 25
1, " . . . . .	8 00

No. 2, for 8x10 camera,	\$10 75
3, " "	12 50
4, " "	16 50

Nos. 1, 2, 3 and 4 have a rack-work for elevating the camera. It is not necessary to propel the stand forward and back to gain a sideway movement.

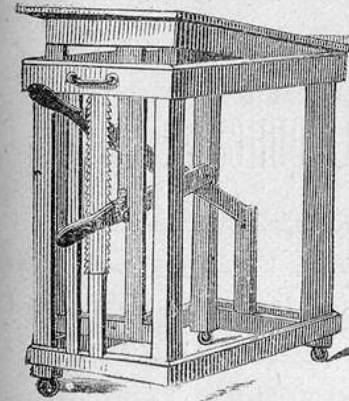
### THE BOWDISH STAND.



From the peculiar construction of this stand, it has the most simple means of adjustment: When properly weighted, a touch of the hand will either raise or lower it, without binding, as each of the three vertical supports are attached to one central weight, by means of chains passing over pulleys. The binding screw serves to hold it in the desired position. The stand is constructed in polished walnut, and the iron parts are gilded, which gives it a very elegant appearance. The price is placed at the moderate figure of \$25 00.

### JENNY LIND TABLES.

14 inch top, \$3.25: separate tops and rods, \$1.40.

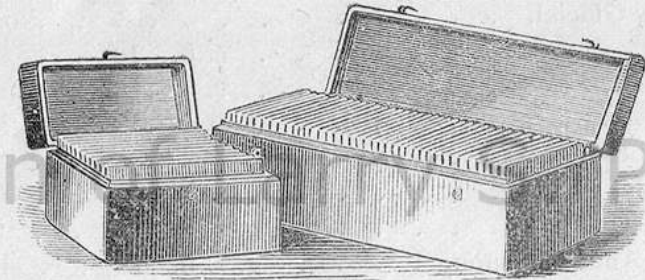


### THE LEVER STAND.

Price, \$20 00.

With bracket casters, \$21 00

### NEGATIVE BOXES.



Manufactured from white wood or pine, with hinged cover. A very superior article.

No. Plates.	Size.	Price, each.	No. Plates.	Size.	Price, each
Twenty-four	1-9 plates,	\$0 60	Twenty-four	6½x8½ pla's	\$1 10
"	1-6	" 60	"	8 x 10	" 1 25
"	3¼ x 4¼	" 70	"	10 x 12	" 2 50
"	4¼ x 5½	" 75	Twelve	11 x 14	" 3 75
"	4¼ x 6½	" 80	"	13 x 16	" 4 00
"	4 x 7	" 85	"	14 x 17	" 4 25
"	4 x 8	" 90	"	16 x 20	" 5 25
"	5 x 7	" 95	"	17 x 21	" 5 50
"	5 x 8	" 1 00	"	20 x 24	" 6 50

Special sizes to hold any number of plates required, made to order.

On an order for six, a discount of 10 per cent. will be allowed.

" " 12 or more, " 15 " " "

# Pure Photographic Chemicals.

WARRANTED FULL WEIGHT.

NOTE.—c. b. 10 signifies Corked Bottles, 10 cts. g.s.b. 18 signifies Glass Stopped Bottles 18 cts.

Acid, Acetic, No. 8, . . . . .	c. b. 10 . . .	lb	\$0 16
Acetic, No. 8, by the 5 lbs., . . . . .	c. b. 25 . . .	"	15
Acetic, Glacial, . . . . .	g. s. b. 18 . . .	"	1 00
Acetic, Glacial, . . . . .	. . . . .	oz.	15
Citric, . . . . .	c. b. 10 . . .	lb	1 30
Citric, . . . . .	. . . . .	oz.	20
Gallic, . . . . .	. . . . .	"	25
Hydrobromic, . . . . .	. . . . .	"	35
Muriatic, C. P., . . . . .	g. s. b. 18 . . .	lb	28
Nitric, C. P., . . . . .	g. s. b. 18 . . .	"	30
Nitric Acid, common, . . . . .	g. s. b. 18 . . .	lb	16
Pyrogallic, . . . . .	. . . . .	oz.	65
Pyrogallic, . . . . .	. . . . .	½oz.	35
Sulphuric, C. P., . . . . .	g. s. b. 15 . . .	lb	40
Alcohol, 95°, . . . . .	Tin can 35 . . .	gal.	2 80
Alcohol, 95°, . . . . .	c. b. 15 . . .	qt.	75
Atwood's Alcohol, . . . . .	c. b. 15 . . .	qt.	80
Ammonia Liq. Conc., . . . . .	g. s. b. 19 . . .	lb	25
Liq. Conc., by the 4½ lbs., . . . . .	g. s. b. 30 . . .	"	23
Nitrate, . . . . .	. . . . .	"	60
Ammonium, Bromide, . . . . .	. . . . .	oz.	20
Chloride, pure, . . . . .	c. b. 12 . . .	lb	45
Iodide, . . . . .	. . . . .	oz.	55
Iodide, Negative, . . . . .	. . . . .	"	55
Bromine, . . . . .	. . . . .	oz.	35
Cadmium Bromide, . . . . .	. . . . .	"	35
Chloride, . . . . .	. . . . .	"	55
Iodide, . . . . .	. . . . .	"	55

## RESIDUES.

*I would call especial attention of Photographers, to the importance of*

### SAVING ALL THEIR WASTE SOLUTIONS,

*as well as their*

### UNTUNED PAPER CLIPPINGS,

*as they contain a large percentage of the silver used and can be reclaimed. Any information respecting the proper method of throwing down such Solutions will cheerfully be given by addressing the undersigned. All wastes given me will be promptly and carefully reduced, and returns correctly made.*

*Having an*

### IMPROVED METHOD OF WORKING RESIDUES,

*I am enabled to make larger returns than by the old methods.*

*Respectfully,*



**THOMAS H. MCCOLLIN,**

Photographic Chemist,

**624 ARCH STREET,**

PHILADELPHIA.

Pure Chemicals a Specialty.

 PURE NITRATE OF SILVER. 

Chloroform, . . . . .	g. s. b. 12 . . .	lb	\$1 30
Chloroform, . . . . .	. . . . .	oz.	20
Dextrine, . . . . .	e. b. 12 . . .	lb	20
Ether Sulphuric Conc., . . . . .	e. b. 12 . . .	"	85
Sulphuric Conc., by the 3½ lbs.,	e. b. 25 . . .	"	80
Flourine, . . . . .	. . . . .	pkg.	35
Gold, Chloride, Pure, 15 gr. bottles,	. . . . .	bot.	65
Chloride and Sodium, 15 gr. bottles,	. . . . .	"	38
Gum Arabic, Picked, . . . . .	. . . . .	lb	1 00
Shellac, Bleached, . . . . .	. . . . .	"	1 00
Sandarac, . . . . .	. . . . .	"	62
Iodine, . . . . .	. . . . .	oz.	55
Iron, Iodide, . . . . .	. . . . .	"	55
Protosulph., . . . . .	. . . . .	lb	8
and Ammonia Sulphate, . . . . .	e. b. 10 . . .	"	20
and Ammonia Sulph., by the 5 lbs.,	e. b. 25 . . .	"	18
Kaolin, . . . . .	e. b. 13 . . .	"	12
Lead, Chloride, . . . . .	. . . . .	oz.	20
Lithium, Iodide, . . . . .	. . . . .	"	1 25
Bromide, . . . . .	. . . . .	"	1 25
Magnesia, Nitrate, . . . . .	. . . . .	"	15
Magnesium, Bromide, . . . . .	. . . . .	"	65
Magnesium, Iodide, . . . . .	. . . . .	"	70
Mercury, Bichloride, . . . . .	. . . . .	"	20
Potassa, Nitrate, Gran., . . . . .	. . . . .	lb	30
Bichromate, . . . . .	e. b. 10 . . .	"	30
Permanganate, . . . . .	. . . . .	oz.	25
Potassium, Bromide, . . . . .	. . . . .	"	15
Cyanide, . . . . .	. . . . .	lb	85
Cyanide, . . . . .	. . . . .	½ lb	50
Cyanide, . . . . .	. . . . .	¼ lb	30
Iodide, . . . . .	. . . . .	oz.	40
Sulphuret, . . . . .	. . . . .	lb	45
Sulphuret, . . . . .	. . . . .	½ lb	25
Silver, Chloride, . . . . .	. . . . .	oz.	1 35
Nitrate, present price, changes from day to day,	. . . . .	"	1 05
Nitrate, " " " " " "	. . . . .	8 "	7 84
Oxide, . . . . .	. . . . .	"	1 85

Soda, acetate, . . . . .	c. b. 13 . . .	lb	50
Bicarb., . . . . .	e. b. 10 . . .	"	15
Hyposulphite, . . . . .	. . . . .	"	10
" . . . . .	. . . . .	5 "	09
Phosphate, . . . . .	e. b. 10 . . .	"	40
Tungstate, . . . . .	. . . . .	oz.	25
Sodium Bromide, . . . . .	. . . . .	"	20
Iodide, . . . . .	. . . . .	"	50
Strontium Chloride, . . . . .	. . . . .	"	12
Uranium Nitrate, . . . . .	. . . . .	"	95
Chloride, . . . . .	. . . . .	"	95
Zinc Bromide, . . . . .	. . . . .	"	65
Iodide, . . . . .	. . . . .	"	60
Litmus paper, blue and red, . . . . .	. . . . .	doz.	60
Oil of Lavender, . . . . .	e. b. 12 . . .	lb	1 60
" " . . . . .	. . . . .	oz.	20
Rottenstone, Becker's, . . . . .	. . . . .	½ lb	35

## COLLODIONS.

McCollin's Delicate Half-Tone, Negative, . . . . .	lb	1 20
" " " Positive . . . . .	lb	1 20
" " " " . . . . .	½ lb	60
" " " Negative, . . . . .	½ lb	60
" " " New, very fine, . . . . .	lb	1 20
" " " " " " . . . . .	½ lb	60
" Porcelain, . . . . .	6 oz. bot.	1 50
" Washed Emulsion for dry plates, . . . . .	8 oz.	2 40
Anderson's Negative, . . . . .	lb	1 50
Lewis & Holt's Negative, . . . . .	"	1 25
" " " " . . . . .	½ "	65
Positive, . . . . .	"	1 25
Anthony's Negative, . . . . .	"	1 25
Positive, . . . . .	"	1 25
Instantaneous, . . . . .	"	1 25
Rembrandt, . . . . .	"	1 50
Phoenix Ferrottype (in Scovill 8 oz. bottles), . . . . .	"	1 25

## DEVELOPER.

Protosulphate of Iron, . . . . .	1 ounce.
Water, . . . . .	16 "
Acetic Acid, from 1½ to 2 ounces, according to subject.	
Alcohol, enough to make the Developer flow readily, only when necessary.	

**COLLODION**

Trade Mark.



**BROMO IODIZED**

**MCCOLLIN'S**

NEGATIVE

This Collodion is highly recommended. It may always be used fresh, as the Liquid Bromo Iodizer, to answer for any particular kind of work, is put up in separate bottles, so part or all of the Collodion may be Iodized just as it is desired. It will be found to work with any of the usual developers. It is very sensitive, produces fine gradations of light and shadow, and is free from the objections Collodions have that are sold Iodized.

**THOS. H. MCCOLLIN, 624 Arch St.**

**PHILADELPHIA.**

None genuine without the signature of the manufacturer over the cork.

## BATH.

Nitrate of Silver, . . . . .	40 grains.
Water, . . . . .	1 ounce.
Iodize by placing over night a large plate coated with old Collodion.	

## GUN COTTONS.

McCollin's Negative, . . . . .	oz.	\$ 50
" Positive, . . . . .	"	50
Anthony's Negative, . . . . .	"	50
No. 1, Soluble, . . . . .	"	50
No. 2, Soluble, . . . . .	"	50
Positive, . . . . .	"	50
Snowy, . . . . .	"	1 00
Pary's Negative, (Lindsey's), . . . . .	"	50
Liesegang's Papyroxyline, . . . . .	"	1 25

## VARNISHES.

McCollin's Silicated Castor Varnish, . . . . .	6 oz. bot.	\$0 40
" Ground Glass Substitute, . . . . .	" "	50
" Grit Varnish, to give surface for retouching, . . . . .	6 oz. bot.	50
Mountfort's Crystal Negative, . . . . .	6 oz. bot.	40
Anthony's Flint Negative, . . . . .	" "	40
" Diamond Positive, . . . . .	" "	40
Phenix Ferro, . . . . .	" "	50

SILICATED

**CASTOR VARNISH**

FOR

Negatives & Positives.



This Varnish dries in a few minutes almost as hard as glass, and will not adhere to the paper or become soft, nor crack nor peel from the negative.

MANUFACTURED ONLY BY

**THOS. H. M'COLLIN,**

**624 Arch St.,**

**PHILADELPHIA.**

## AMERICAN

## Collodion Pellicle Emulsion

*Is a Composition now perfected, which, by pouring upon glass or other plates, prepares them for exposure in the Camera, or for contact printing without other labor—no bath, sensitizing solutions, organifier, or other addition being required.*

*The negatives taken by its use are of superior quality, and the professional or amateur photographer is always ready, and escapes most of those difficulties and contingencies to which the dry process is subject.*

*This substance may be purchased ready for use, or in the form of a powder to be dissolved in ether and alcohol.*

*It is about as quick-working as bath plates, easy of development, and abundantly dense without intensification. It will also keep well before use, and the plates will remain sensitive for a long time after coating.*

## PRICE:

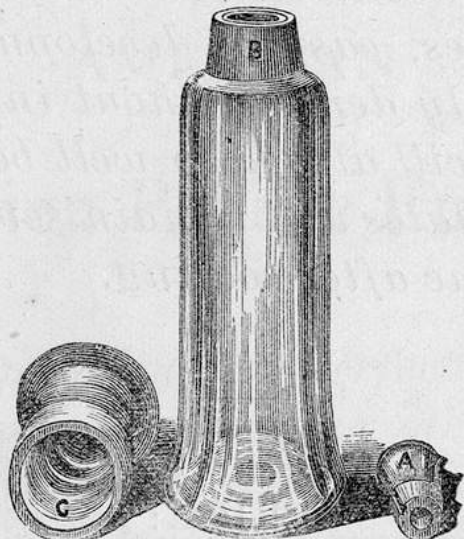
Put up in 4 oz. bottles, carefully packed in light-tight boxes, with full directions for use, per bottle, - - - \$1.20

In the Powder form, enough to make 4 oz. carefully packed to exclude light, - 1.00

I also furnish two dropping bottles and stoppered bottle of carbonate of ammonia solution, together with solutions of pyrogallic acid and bromide potassium, and full directions for use, - - 2.50



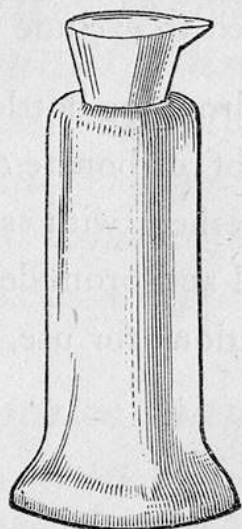
IMPROVED COLLODION VIAL.



The bottle is strong; the cap is very strong, and can be replaced, if broken, at a nominal cost; any piece of one vial will fit any other vial. The outside of the neck is made of cork, and therefore fits tightly, and is not in danger of breakage.

Price 6 oz. . . . \$1 00  
do 8 oz. . . . 1 25

EFFECTIVE COLLODION BOTTLE.



Another marked improvement in the plain collodion vial will be seen in the illustration. Hitherto these articles have not been provided with a good pouring lip, and have had no means for preventing the flowing of any possible sediment outward with the collodion or varnish. The curvature in the base retards the passage of that sediment, while the lip is so constructed that the liquid returns to the bottle, and does not drip outwardly. The lip is also so shallow that the neck can be effectually corked. The neck, too, is widened, to more readily admit the return of the solutions to the bottle. The size now made holds eight ounces. They cost 37½ cents each.

COLLODION VIALS.

PLAIN.

COMETLESS.

3 ounce . . . . .	\$0 17	3 ounce . . . . .	\$0 75
4 do . . . . .	18	4 do . . . . .	98
6 do . . . . .	23	6 do . . . . .	1 15
8 do . . . . .	28	8 do . . . . .	1 35

THERMOMETERS.

Fig. 201. Fig. 202.

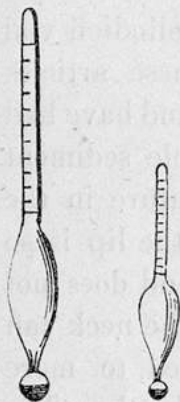
CABINET SQUARE END, FIG. 201.

8 in. . . . .	each,	\$ 65
10 in. . . . .	"	80
OVAL END, FIG. 202.		
8 in. . . . .	each,	\$ 75
10 in. . . . .	"	85

ALL GLASS THERMOMETERS, PAPER SCALE.

6 in. . . . .	each,	\$ 70
8 in. . . . .	"	75
10 in. . . . .	"	1 00
12 in. . . . .	"	1 12

For Acids, &c.



## HYDROMETERS FOR SILVER BATH.

SHOWING THE NO. OF GRS. TO THE OZ.

These are warranted strictly correct, being graduated with the utmost care. They are more reliable than the cheap French and German Articles, and are used to the exclusion of all others by the bests Chemists of Philadelphia.

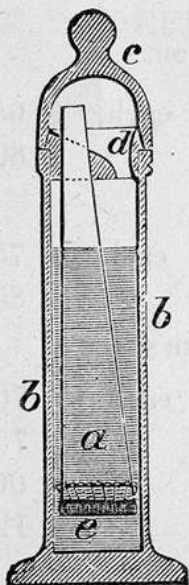
75 cts. each.



## GLASS SYPHONS.

18 in. Exit Limb	each,	\$ 75
24 " "	"	1 00
30 " "	"	1 25
36 " "	"	1 50

## CROSS'S FILTERING AND POURING BOTTLE.



This vial is thought to supply a *real want*. By using it the photographer, in a measure, becomes master of the situation. Oftentimes collodion requires modification—it may be too thick or too thin, too old or too new, or the photographer may be desirous of combining two or more varieties, to meet a present requirement, and in all similar exigencies he has nothing to do but to fill the vial and go to work, for the process of filtration is constantly progressing. It is equally useful for varnishes.

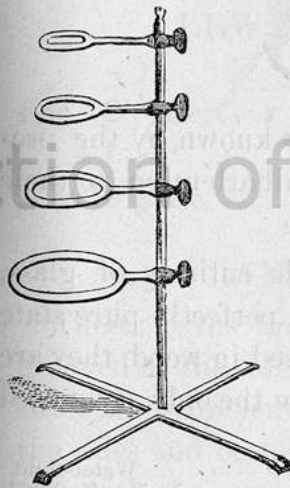
The bottle is of the ordinary form, but of somewhat larger size; inside of this a graduated glass tube is inserted, from the top of which the

collodion or varnish flows, and at the base one or more thicknesses of canton flannel serve for a filter, that will last for months. The funnel-shaped orifice (*d*) receives the excess from the plate, and renders waste unnecessary. The cap covers both flowing and receiving orifices, and is easily removed. Many persons have expressed their approbation of its convenience. Price, \$3 00.

## COLLODION FILTERS.

4 oz.	\$1 60	6 oz.	\$1 70	8 oz.	\$1 90
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## FILTERING STANDS



Iron Base, 3 Rings, old Style, each,	\$1 00
4 Rings . . . . . new " "	1 25

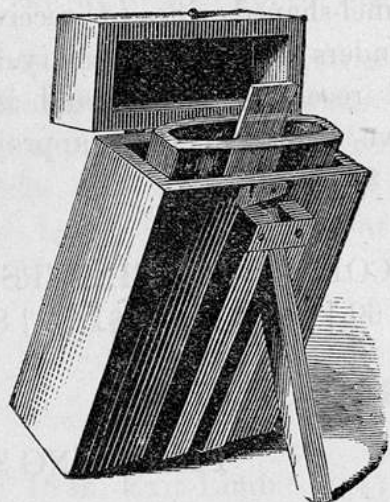
Our new pattern, is a great improvement upon the old style—which was so readily overturned. The arms of the base project sufficiently to prevent upsetting, even if loaded altogether on one side, or on different sides unequally. All four of the rings can be used at the same time.

## SAND CRUCIBLES.



Small 5, 3 corner,	nest,	\$ 5
Large 5, 3 " "	"	10
Sixes, 3 " "	"	19
Eights, 3 " "	"	28
Eights, Round,	"	30
Halves, " "	"	48
Ones, " "	"	90

GLASS BATHS,  
FOR GALLERY OR FIELD PHOTOGRAPHY.



These Baths are already so universally known by the profession, that it is almost unnecessary to call attention to their claim for superiority over all others in use.

The interior of these Baths being made entirely of glass, they will contain the silver solution in a perfectly pure state for any length of time, yet, from being cased in wood, they are the strongest Bath in the market, and are the only style used in large galleries.

No.	Description	Price	Water-tight Top for Field.
No. 0.	To receive a plate 4½x5½ inches,	\$2 50	\$5 00
1.—	“ “ 6½x8½ “	4 00	6 50
2.—	“ “ 8x10 “	5 25	9 50
3.—	“ “ 10x12 “	7 25	12 00
4.—	“ “ 11x14 “	10 50	15 00
5.—	“ “ 14x17 “	25 00	30 00
6.—	“ “ 17x20 “	37 50	45 00

Larger sizes manufactured to order.

The above are arranged for gallery use, and furnished with a hinged cover, so that the silver solution is protected from dust.

GERMAN GLASS BATHS.

Size	Price	The same boxed with a reversible panel in front.	Box, &c., with tight top.
4x5 inside measure,	\$0 75		
5x6½ “	1 50		
7x9 “	2 50	\$5 50	\$9 00
9x11 “	3 00	6 50	11 00
11x13 “	4 00	9 25	15 00
12x16 “	6 00	11 50	17 00
16x20 “ (largest size made,)	20 00	27 00	33 00

LEWIS' PATENT GLASS BATHS.

Size	Pots only.	Boxes only.	Box and pot complete.
For 1-2 plate,	\$2 00	\$2 50	\$4 50
4-4 “	3 25	2 75	6 00
8x10 plate,	3 50	2 75	6 25

LANDSCAPE BATH-HOLDER.

These Baths are made from well-seasoned wood, double grooved at the sides and bottom, and filled in with the composition, thus preventing any leaking. Also have glass strips at the sides and bottom, to prevent the plate from coming in contact with the composition.

Size	Field Baths with patent top.	Gallery Baths without top.
7x9 for 6½x8½ plate,	\$8 00	\$5 50
10x12 “ 8x10 “	12 00	9 50
13x15 “ 11x14 “	16 00	12 00
16x20 “ 14x18 “	20 00	15 00
20x24 “ 18x22 “	25 00	20 00
22x26 “ 20x24 “	28 00	23 00

MCCOLLIN'S FLOWING BATHS FOR LARGE PLATES.

Supplied to order.

HARD RUBBER TIGHT-TOP BATHS.

5x7, stereoscopic, . . . \$3 75	14x18, . . . . . \$9 75
7x10, . . . . . 4 75	17x20, . . . . . 14 00
9x11, . . . . . 6 25	19x24, . . . . . 16 50
12x16, . . . . . 8 25	

We can also furnish the above without the Tight-Top at reduced rates.

ACID-PROOF PHOTOGRAPHIC TRAYS.

Sizes.	For Silvering, Toning, Hypo., &c.	Acid Dishes with Lids and Glass Strips at bottom.
11x14, . . . . .	\$4 00	\$6 00
14x18, . . . . .	6 00	8 00
18x22, . . . . .	8 00	10 00
20x24, . . . . .	10 00	13 00

ACID-PROOF COMPOSITION.

In cans holding enough to cover twenty-five square feet, \$3.00.

TRAYS.

PORCELAIN.		HARD RUBBER.	
Shallow.	Deep.	Shallow.	
7x9, . . . . . \$0 60	\$0 75	4x5, . . . . . \$0 55	
8x10, . . . . . 80	1 00	5x7, . . . . . 70	
9x11, . . . . . 1 10	1 30	7x9, . . . . . 1 00	
10x12, . . . . . 1 25	1 60	8x10, . . . . . 1 25	
11x14, . . . . . 2 25	2 75	10x12, . . . . . 2 00	
13x16, . . . . . 3 85	4 70	12x16, . . . . . 3 20	
15x19, . . . . .	6 00	15x18, . . . . . 4 50	
18x22, . . . . .	12 00	18x22, . . . . . 7 00	
19x24, . . . . .	13 50	21x26, . . . . . 8 00	
		10x12 Deep Trays, . . . . . 3 50	
		12x16 do . . . . . 5 50	
		15x18 do . . . . . 6 50	

DIPPERS.

HARD RUBBER.		PORCELAIN.	
$\frac{1}{4}$ . . . . .	\$0 20	$\frac{1}{4}$ . . . . .	\$0 28
$\frac{1}{2}$ . . . . .	25	$\frac{1}{2}$ . . . . .	38
4-4 . . . . .	30	4-4 . . . . .	55
$\frac{8}{10}$ . . . . .	35	$\frac{8}{10}$ . . . . .	85
$\frac{10}{12}$ . . . . .	45	$\frac{10}{12}$ . . . . .	1 15
$\frac{11}{14}$ . . . . .	70	$\frac{11}{14}$ . . . . .	1 20
$\frac{14}{18}$ . . . . .	75	$\frac{13}{16}$ . . . . .	1 25
$\frac{17}{20}$ . . . . .	90		

EVAPORATING DISHES.



Best German Porcelain, glazed inside, with heavy rim around top.

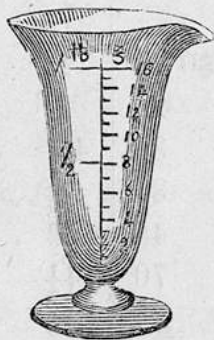
No. 6—Diameter 8 inches, capacity 24 ounces, . . . . .	\$0 65
5— do 9 do 2 pints . . . . .	75
4— do 10 do 3 do . . . . .	95
3— do 11 do 2 quarts . . . . .	1 15
2— do 12 do 3 do . . . . .	1 65
1— do 13 do 1 gallon . . . . .	1 95
0— do 15 do 2 do . . . . .	3 40
00— do 16 do 3 do . . . . .	4 50

MORTARS AND PESTLES.



2½ in. . . . .	\$0 50	4 in. . . . .	\$0 75
3 in. . . . .	60	5 in. . . . .	1 10
3½ in. . . . .	65	6 in. . . . .	1 50

GLASS GRADUATES.



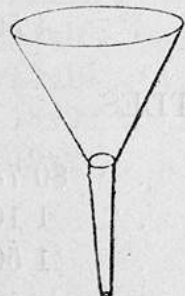
1 ounce,	\$0 25	8 ounces,	\$0 65
2 do	28	12 do	85
3 do	35	16 do	1 10
4 do	40	24 do	1 35
6 do	55	32 do	1 75

MEASURES, GLASS, MINIM.



1 Drachm	each	36
2 "	"	40

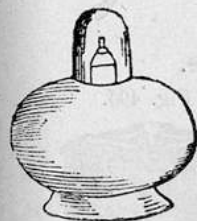
FUNNELS.



GLASS.		RUBBER.	
½ pint	\$0 12	No. 0—¼ pint	\$0 35
Pint	18	1—½ "	42
Quart,	23	2—1 "	48
2 do	33	3—1 quart	62
4 do	75		

GLASS ALCOHOL LAMPS.

With Ground Glass Caps and Brass Tubes.



2 oz.	each,	\$ 45
4 "	"	65
6 "	"	75

HAND SCALES.



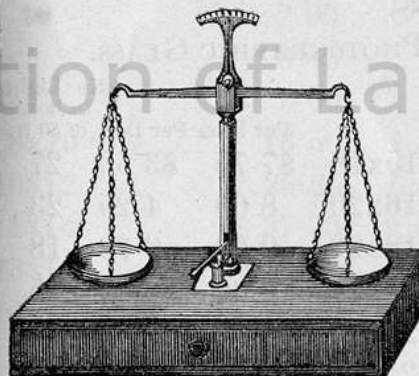
Wood Box.

6 inch Beam	\$1 00
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Tin Box.

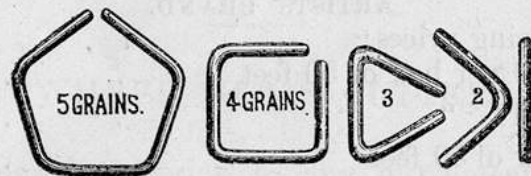
5 inch Beam	75
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SCALES WITH STAND AND BOX.



Walnut Box, Nickel Plated Beam 6½ in., each with weights \$6 00.

ALUMINIUM GRAIN WEIGHTS.



One half to five grains.

Per Set	each,	\$ 50
"	doz.,	5 00

## GAS FURNACES.

SHEET IRON, WITH BUNSEN BURNERS.

Fig. 403.



Fig. 404.



Fig. 405.



These and the following can be attached to any ordinary burner by means of a Gum Elastic Tube.

Fig. 403, 5 in. high, 5½ in. Diam.	each, \$1 25
" 404, 6 " 7½ "	" 1 50
" 405, 9 " 10 "	" 3 00

We also have smaller Furnaces to burn Coal Oil, where Gas cannot be had.

## GLASS.

FIRST-QUALITY FRENCH PHOTOGRAPHIC GLASS.

	Per Box.	Per Doz.	No. Lights in box of 50 ft.		Per Box.	Per Doz.	No. Lights in box of 50 ft.
6½x8½	\$6 00	\$0 60	130	15x18	\$7 75	\$3 50	27
8x10	6 50	90	90	16x20	8 00	4 25	23
10x12	6 75	1 30	60	18x22	9 00	6 00	18
11x14	7 00	1 95	47	20x24	10 00	8 50	15
13x16	7 25	2 50	35	22x28	11 00		12
14x17	7 25	2 80	31	25x30	12 00		9

## SULPHATED GLASS.

ARTISTS' BRAND.

At following prices:

6½x8½ and 7x9 per box of 50 feet	\$4 25
8x10 and 9x11 " "	4 75
10x12 per box of 50 feet	5 00
11x14 " "	5 50
13x16 " "	5 75
14x17 " "	6 00

Larger sizes furnished. Sample orders solicited.

## B. P. C. GENUINE.

	Gross.	Dozen.		Gross.	Dozen.
1-4 .	\$3 25	\$0 30	6½x8½ .	\$15 00	\$1 25
1-2 .	6 50	55	7x9 .	17 50	1 50
4x8 .	9 50	80	8x10 .	27 00	2 50
5x8 .	12 00	1 00	Half gross at gross price.		

## PORCELAIN GLASS.

Sizes.	Per Doz. Plain.	Per Doz. Ground.	Per Doz. Ground and Polished.	Per Doz. * Best Gold Label Ground and Polished.
1-6 .	\$1 25	\$1 25	\$2 00	\$2 50
1-4 .	2 00	2 00	3 00	3 75
1-2 .	3 85	3 85	5 75	7 50
4-4 .	9 00	9 00	12 00	15 00
8x10 .	16 50	17 25	21 00	24 00
10x12 .	26 25	27 00		
11x14 .	37 75	39 50		
13x16 .	63 00	66 00		
14x17 .	88 00	92 00		

\* First ground and then polished, making a perfectly even surface. Every light can be used.

## WHEEL GLASS CUTTER.

We consider it superior to any instrument ever made for the purpose. It is very durable, being made of finely tempered steel. Full directions accompany each cutter.

☛ Sent post-paid, by mail, for 25 cents, and a 3 cent stamp.

### PHENIX AND ADAMANTINE COMPANY'S PLATES.

	Black Eggshell.	Chocolate, Glossy.
1-9 per box, . . . . .	\$0 80	\$0 90
1-6 " . . . . .	1 25	1 35
1-4 " . . . . .	1 85	2 00
1-2 " . . . . .	2 20	2 35
4-4 " . . . . .	2 40	2 70
10x14, per hundred. . . . .	14 00	15 00
10x14, per dozen, . . . . .	1 68	1 80

#### CHAMPION AND EUREKA PLATES.

10x14, Eggshell, black or chocolate, per box, . . . . .	\$28 00
10x14, Glossy, " " " " . . . . .	30 00

### THE NONPAREIL AND ALBA PLATE.

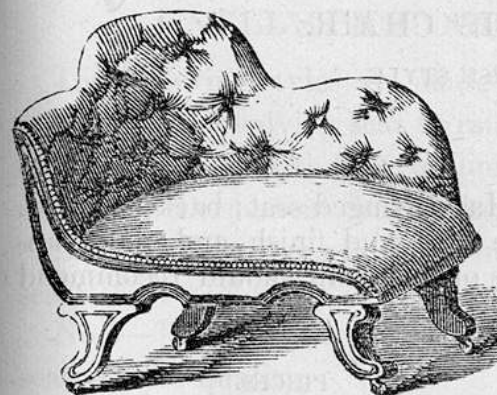
A substitute for Porcelain.

As these plates are a pure and uniform white coating upon a ferrotype plate, they can readily be cut to any size for lockets and cases. Being flexible, they admit of perfect contact with the negative, and can be printed in the ordinary pressure frame. They have a great advantage of being very easily and quickly printed and finished, while they have a delicacy and beauty hitherto unattained by prints made upon paper. The few pictures as yet made have elicited the most general expression of approval and admiration, and a large demand for them has sprung up in anticipation of their readiness for the market. Everybody should get a supply at once.

They are put up neatly in boxes of one dozen each. Printed directions accompany each box.

1-6 size, per box of one dozen Plates, . . . . .	\$1 00
1-4 " " " " . . . . .	1 50
1-2 " " " " . . . . .	3 00
5x7 " " " " . . . . .	3 25
4-4 " " " " . . . . .	6 00
7x10 " " " " . . . . .	8 00
10x14 " " " " . . . . .	18 00

### CHILD'S LOUNGE.



Is upholstered so as to obviate the necessity of a head-rest; enables the operator to take children in a sitting position and measures thirty inches in length.

Price, \$10 50.

### NEW DESIGN, CENTENNIAL CHAIR.



It is very airy. Fine Carving. The upholstery on the seat and back is plain. Edges sharp. The back can be deep tufted.

#### PRICES.

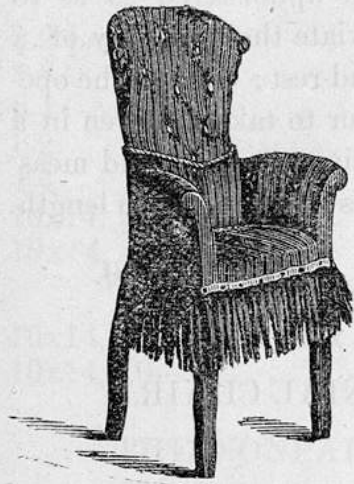
Fine Mouse colored	
Mohair Plush, . . . . .	\$27 00
Fine Garnet colored	
Mohair Plush, . . . . .	24 00
Velveteen, any color, . . . . .	22 00

### THE MANIPULATOR.

A simple and useful contrivance for protecting the hands while making negatives. Price, 90 cents.

## INFANTS' CHAIR.

TURKISH STYLE.



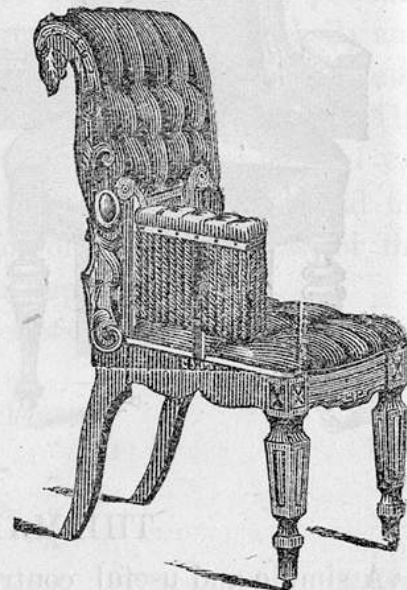
Has a fringed seat; back is tufted. The style and finish and the cheapness of this chair should recommend itself.

## PRICES.

Movable supports,	\$6 50
Lead-colored Coleroile,	10 50

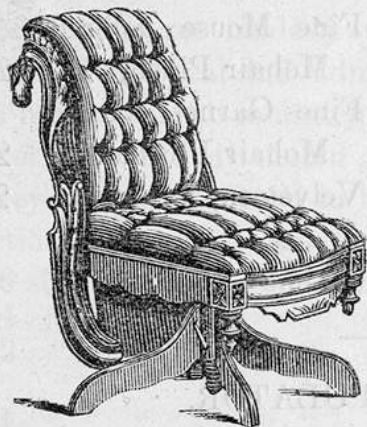
## PHARAOH CHAIRS.

No. 2.



Price, \$22 00.

No. 1, Revolving.



Price, 24 00.

## KNELL'S PHOTOGRAPHIC CHAIRS.

The following styles are made:

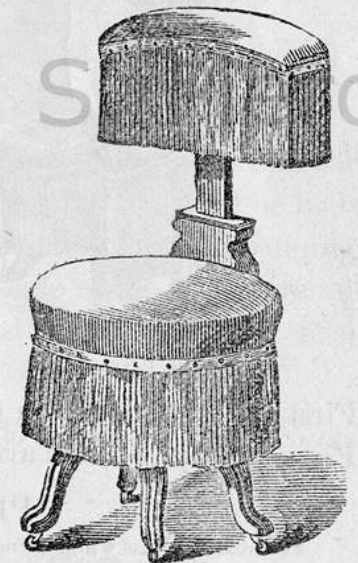
No. 0½.—Revolving seat to raise and lower; fringed on arm and seat with 9 in. bullion fringe,	\$17 50
No. 1.—Permanent Seat; fringed same as No. 0½,	15 00
No. 2.—Permanent Seat: 6 in. fringe on arm and seat,	10 50
No. 5.—Permanent seat; 9 in. fringe on arm and seat, second quality,	12 50

## SLIDING ARM CHAIRS.

No. 1.



No. 0½, Revolving.



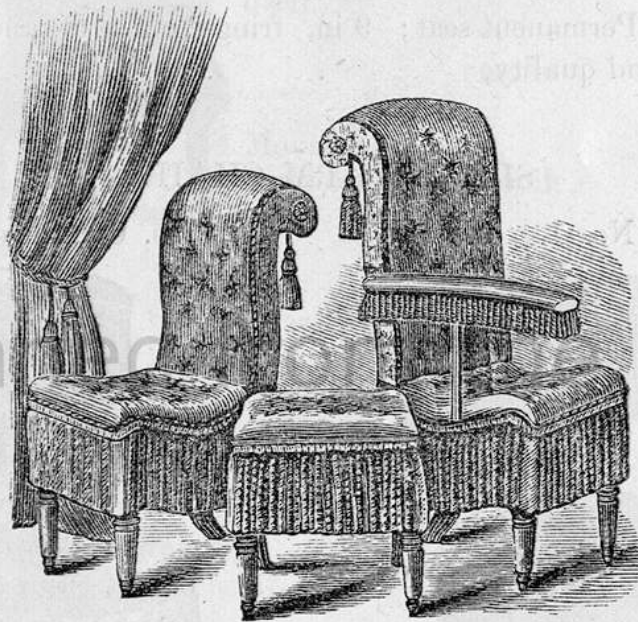
Each chair has a friction spring or screw pressing against the slide, which allows the back to be raised and lowered at pleasure, and never gets out of order. The frames of all are oiled walnut.

Covered with first quality rep, either red or green.



## IMPROVED POSING CHAIR.

This Chair is strongly made; will raise and lower quickly: will accommodate almost any sitting or standing position for young or old, and may be used as an accessory or as a chair. The figure represents it at its least and greatest height, and the seat without a back. It is elegantly upholstered with gray velvet cloth.



First quality, with arm (Scovill's),	.	.	\$48 00
First quality, without arm	"	.	45 00

## PLATE VISES.

For holding glass when being polished. Manufactured in hard wood, with improved screw adjustment.

## ORDINARY WOOD SCREW VISE.

No. 1.—For holding 1-9 to 8-10 plates, with best quality of screw, each,	.	.	\$0 60
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## EXTRA SIZES AND QUALITY.

No. 2.—For plates from 1-9 to 4-4,	.	.	4 00
3.— " " 4-4 to 17 x 20,	.	.	6 00

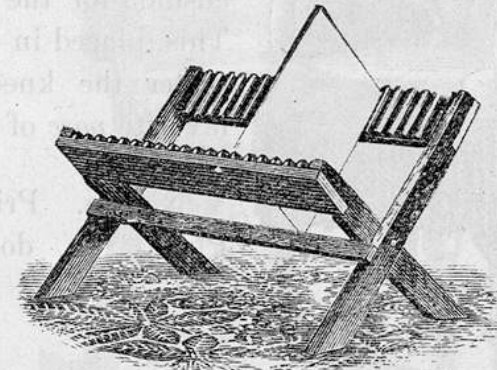
## POSING CHAIR.

No. 1.

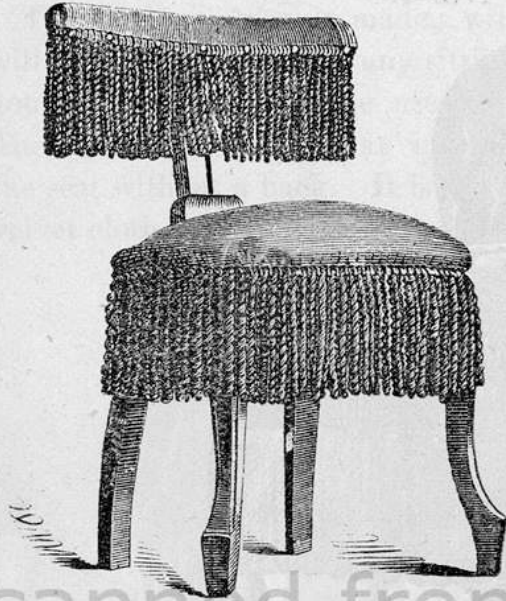


The only cheap chair ever offered for sale that compares favorably with the "Scovill Chair." It requires no head or body rest, can be raised or lowered eighteen inches, the back running on wrought-iron guides. It has two side arms, which are adjustable. The Chairs are all upholstered in drab velvet, and trimmed with eight-inch fringe. Price \$30 00.

FOLDING NEGATIVE RACK. Price, 75 cts.



## POSITION CHAIRS.



No.		Price.
144	6in. Terry,	\$10 50
145	6 do upholster'd	12 00
146	6 do spring seat	12 50
147	8 do do	15 00
148	10 " do	16 50
149	8 Plush do	17 50
150	10 do do	19 00

These chairs are substantially made, and give general satisfaction. They will be found to compare favorably with any, either as to price or quality.



## THE BABY CHAIR.

We now make an extra cushion for the Child's chair. This, placed in a semi-circle under the knees, insures the favorite *pose* of babyhood.

Velveteen.	Price	: \$18 75
Plush,	do	: 23 00

## THE BOWDISH CHAIR.



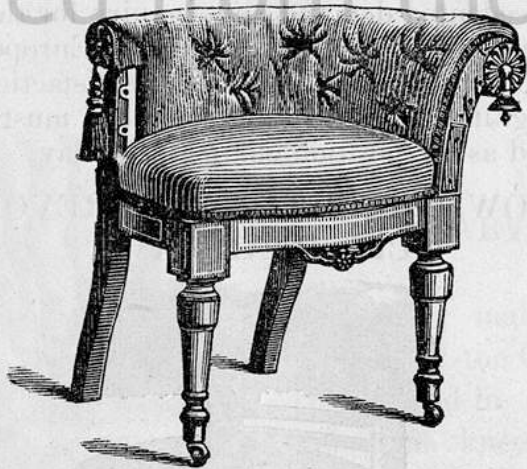
The unprecedented demand and inquiry for these, the most popular chairs ever introduced either in Europe or America for photographic use, and the uniform satisfaction they have given, are significant indications that they must soon be generally adopted as *the* position chairs of the day.

## THE BOWDISH CHAIR WITH REVOLVING CIRCULAR ARM.



These chairs are so pre-eminently superior in all desirable qualities that it is only necessary that their perfection of manufacture and ingenious plan of construction be seen to be commended by every one. Made of solid walnut, secured by means of a patented iron frame, they unite unusual strength with graceful outline and richness of effect. The quality of materials used, also, has always been of the best; and the constant aim is to make them excel in each and every particular. They have no uncertain joints, no clumsy and unsightly proportions, no "fixings" to become detached or render the chair useless when broken. They are better adapted to the varied requirements of a modern photographic gallery—better suited to the prevailing styles of portraiture, and more in consonance with modern studio accessories.

#### THE BOWDISH CHAIR WITH SOFA ATTACHMENT.



In short, the Bowdish Chair combines the advantages and uses of all the various chairs in market, comprising—

*First.* A chair with high back, with or without arms.

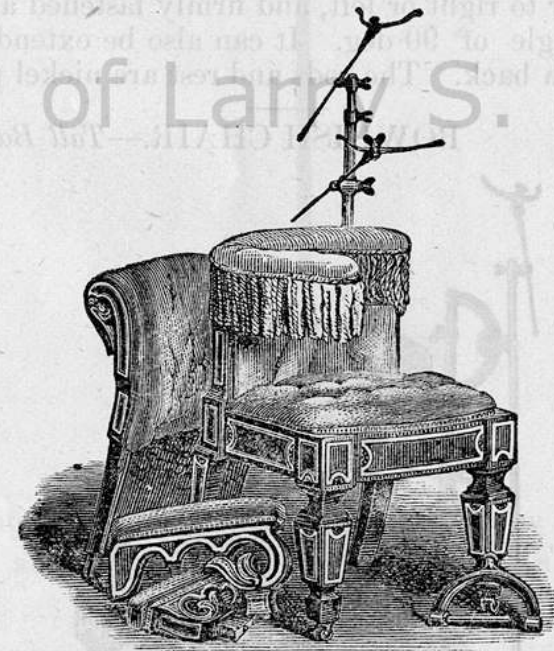
*Second.* A chair with a revolving circular arm. This is an advantage over the ordinary chair with circular arm, which has only the vertical movement.

*Third.* A lounge attachment, which is invaluable for infants and children.

	Two Backs.	Lounge Att.
No. 1. Velveteen, turned legs . . .	\$35 00	\$43 00
3. Reps, do . . .	40 00	49 00
5. Plush, square legs . . .	50 00	60 00

#### THE BOWDISH CHAIR WITH NICKEL PLATED HEAD REST ATTACHED.

The high back and the arms are removable. These chairs are, like those preceding, supplied with circular arms or backs which traverse on a crescent-shaped sliding rail from one side to the other. They are made in three styles:



#### SHORT BACK.

No. 2. Velveteen or Reps . . .	\$60 00
4. do carved legs . . .	70 00
6. Plush, paneled . . .	80 00

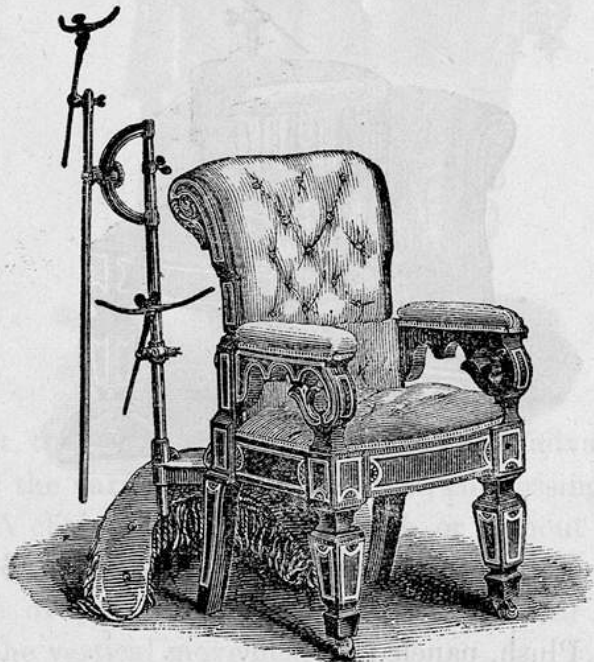
These chairs with rests may be used as follows :

*First.* For medallions or vignettes not requiring arm rest the circular arm can be removed, leaving head rest and back support, which can be readily adjusted to any position.

*Second.* With the circular arm the chair is adapted to all sitting positions. The arm can be elevated or lowered, or moved from right to left without disturbing chair or subjects. This arrangement is also admirably suited for kneeling postures of children and misses. By using the semicircular head rest attachment groups may be posed, giving a head rest to two subjects.

*Third.* Either one or both of the side arms may be removed, and the back elevated to suit the subject, and with the semicircular head rest attachment, any position can be made, either sitting or standing, within an angle of 120 deg. The arm which carries the head rest may, after turning one screw, be moved either to right or left, and firmly fastened at any point within an angle of 90 deg. It can also be extended, for use with the high back. The rods and rest are nickel plated.

BOWDISH CHAIR.—*Tall Back.*



No.

- 2.—With nickel-plated rods, velvet'n or rep, turned legs, \$60 00  
 4.—With nickel-plated rods, " " carved " 70 00  
 6.—With nickel-plated rods and rest, in plush, " " 80 00

THE CENTENNIAL HEAD REST.

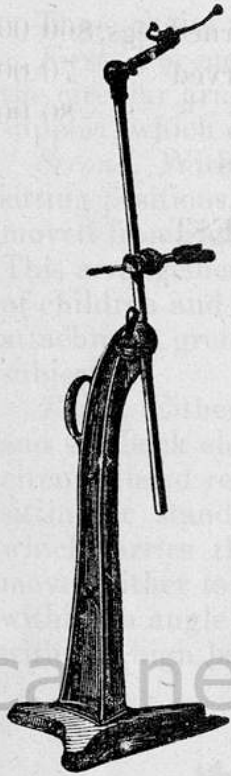


[Patented, Oct. 11, 1875.]

The Centennial Head Rest, as will be seen by a reference to the cut, is another improvement over those already in the market.

Its appearance is decidedly neat and substantial, and it has no filagree work to form perpetual reservoirs for dust and filth.

The prices are \$2 75 for the short, and \$3 00 for the tall rest.



THE RIGID HEAD REST.

As its name implies this rest is believed to possess, in an eminent degree, the quality of being much more rigid, and consequently much more practical than any, including that so manifestly copied from Mr. Harrison's patterns. Its movements, also, are unusually diversified, and its mechanism exceedingly simple. The price is, nickel plated, \$10 50.

HEAD-RESTS.

Short, . . . . .	\$3 25	With Back Support, .	\$4 25
With Back Support, .	4 00	The Rigid Head-Rest,	8 50
Tall, . . . . .	3 50	The Inflexible Head-Rest	8 00

PARTS OF HEAD-RESTS.

Base, . . . . .	\$1 10	Tall Rods, . . . . .	\$0 70
Short Pillars, . . . . .	1 50	Ear Pieces, . . . . .	1 20
Tall Pillars, . . . . .	1 75	Cross Heads, . . . . .	40
Short Rods, . . . . .	60		

CHAIR CLIP HEAD-RESTS.

Each \$2.25.

VICTORIA HEAD-REST AND TABLE.

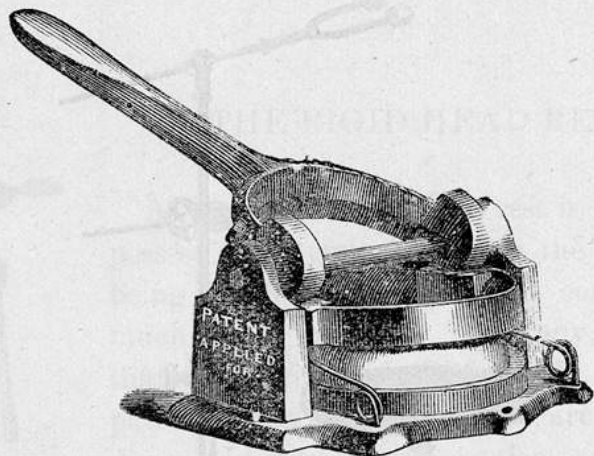


Price, complete, \$5.00.

SPAHN'S FOCUSING CLOTH.

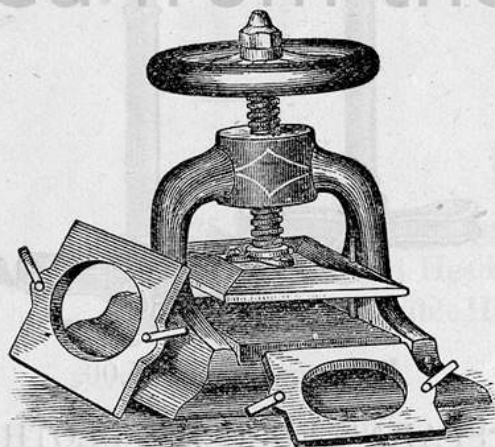
A very excellent substitute for the old-fashioned rag. The arrangement by which the cloth, by being pushed forward after focusing and dropping a flap which covers the lens, and by being pushed back places itself in position to act as a shield to the ground glass, cutting off all light, makes it doubly useful. Price \$10 00 each.

BARKER'S CAMEO PRESS.



Will impress a Ferrotypes without breaking the edges.  
Price, \$3.

CHUTE'S CAMEO PRESS.



Universal with Card and Cabinet Dies, . . . \$16 50

It can be used for two sizes, while other makes can only be used for one. The cameo can be put exactly where you wish it. The dies can be used as guides for making cut-outs.

BUTTERFIELD'S CAMEO PRESS.

The cheapest, because best. Card, \$3.00. Cabinet, \$6.00.

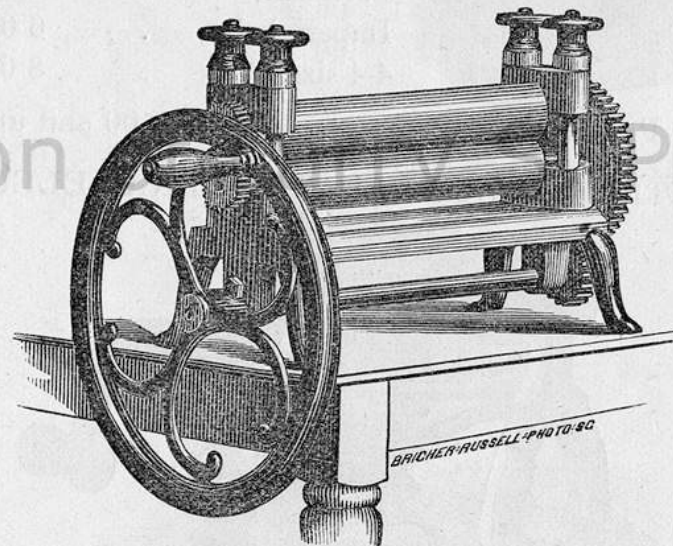
THE SIBLEY PRESS.

Has a solid steel bed and steel rollers. It may be had with the bed and rollers plated with nickel or not, as desired.

No.	Size	Price (Steel)	Price (Nickel Plated)
No. 0.	4½ x 6 plate,	\$18 00	\$20 00
1.	7 x 10 "	40 00	42 50
2.	10 x 14 "	50 00	53 75
3.	13 x 17 "	80 00	84 00
4.	18 x 20 "	100 00	110 00

Larger sizes made to order.

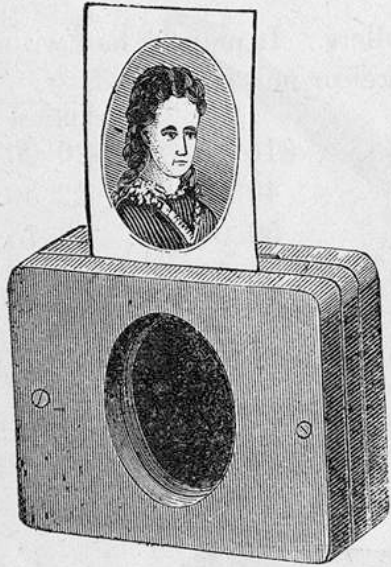
SCOVILL'S EXCELSIOR ROLLER PRESSES.



Size	Price (Steel Rollers)	Price (Nickel plated)
5 inch,	\$10 50	\$12 50
6 "	12 00	14 00
8 "	14 00	16 50
10 "	17 50	20 00
10 " compound, geared,	20 00	22 50
12 " " " "	26 00	30 00

The cut above represents the 12-inch geared press. The smaller sizes are not geared.

FREDRICKS' GLACE  
CAMEO PRESS.

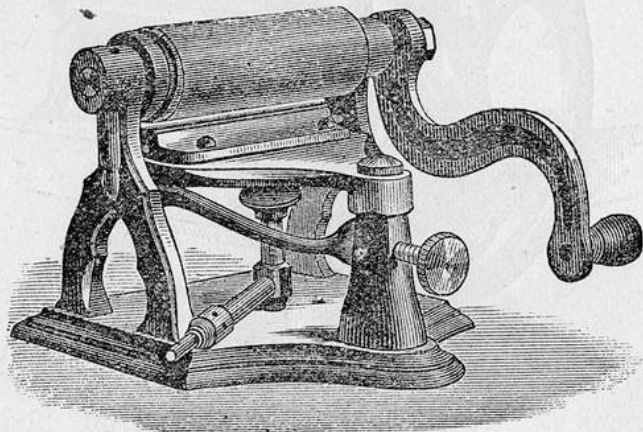


The annexed cut represents the Cameo Press for impressing the Fredricks' Glace Pictures. To produce the cameo effect place the picture in the upper crease of the frame and subject the latter to pressure, either in a copying or other press, or by means of a heavy weight. The costs are:

Card size,	\$4 00 each.
Imperial size,	6 00 "
4-4 size,	8 00 "

Letter Presses, for use with the above, \$7 00 and upwards.

ENTREKIN'S OSCILLATING ENAMELER.

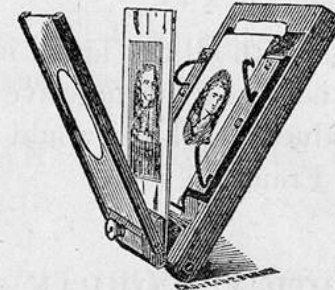


WE SELL THEM AS FOLLOWS.

Cabinet size, six-inch roller,	\$20 00
4-4 and 8-10 ten inch "	30 00
Fourteen-inch roller,	40 00
Eighteen-inch "	50 00

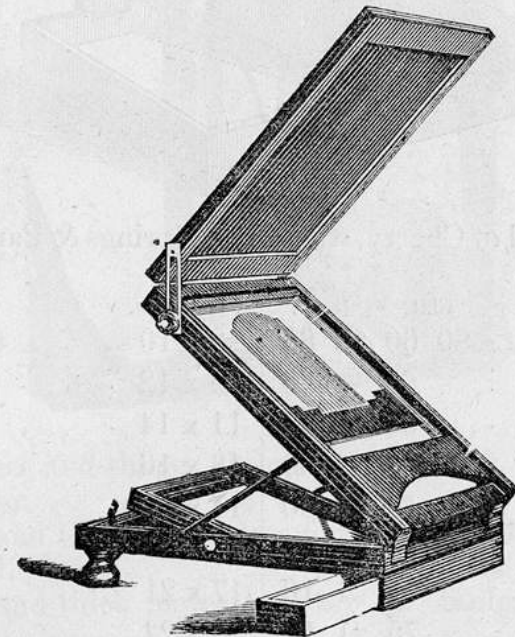
For cash with order, a discount of 5 per cent. will be allowed.

JACOBY'S IMITATION-PORCELAIN PRINTING  
FRAME.



1-4 . . . . .	\$4 00	4-4 . . . . .	\$5 50
1-2 . . . . .	4 50	8x10 . . . . .	5 75
4½ x 6½ . . . . .	4 50	11x14 . . . . .	6 25
5 x 7 . . . . .	5 00		

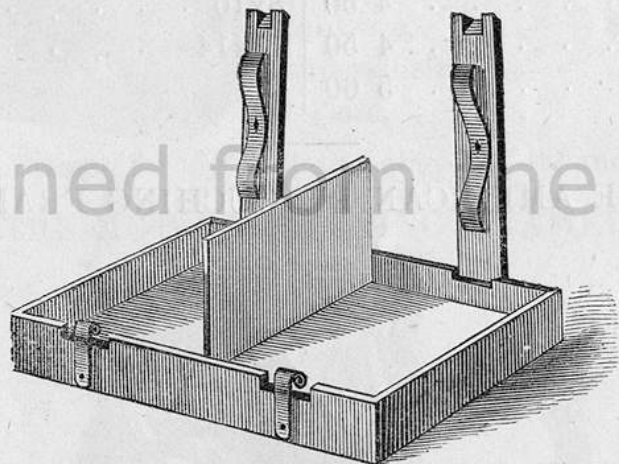
THE AMERICAN RETOUCHING FRAME.



We manufacture two sizes, with drawers for pencils, &c.  
 For all sized plates up to 8 x 10, . . . . . \$5 00  
 " " " " 11 x 14, . . . . . 10 00

They are provided with all the latest improvements. The perfection that can be given the negative by retouching cannot be too highly valued. All who would make the *best* work use the Retouching Frame.

AMERICAN OPTICAL COMPANY'S IMPROVED PRINTING FRAME.



Manufactured of Cherry, with Brass Springs & Panelled Backs.

For Plates.	Flat.	Deep.	For Plates.	Flat.	Deep.
3½ x 4½ . . .	\$0 60	\$0 80	8 x 10 . . .	\$0 90	\$1 25
4½ x 5½ . . .	60	80	10 x 12 . . .	1 25	1 50
4½ x 6½ . . .	65	90	11 x 14 . . .	2 25	2 75
4 x 7 . . .	70	1 00	13 x 16 . . .	3 00	3 50
4 x 8 . . .	70	1 00	14 x 17 . . .		3 75
5 x 7 . . .	75	1 10	16 x 20 . . .		6 00
5 x 8 . . .	75	1 10	17 x 21 . . .		6 25
6½ x 8½ . . .	75	1 10	20 x 24 . . .		6 75

On orders for six, a discount of 10 per cent. will be allowed.  
 " " 12 or more " 15 " " "  
 Larger or special sizes made to order.

Platt's Printing Frames, 1-4 size, each, . . . . . \$0 50  
 Vignetting for the same, each, . . . . . 15

LOCHMAN'S PORCELAIN FRAME.

Prints from 1-6 to 8-10 . . . . . \$5 00

BURGESS & LENZI'S LIGHTNING PRINT-CUTTING TABLE.



For all sizes and shapes, from card to 8 x 10. Larger sizes made to order.  
 With knife and thick plate-glass forms for card and 4-4 oval, . . . . . \$20 00  
 With knife and thick plate-glass top for table, and forms as above, . . . . . 21 50



## IMPROVED MODEL DARK TENT.

FOR OUTDOOR WORK.

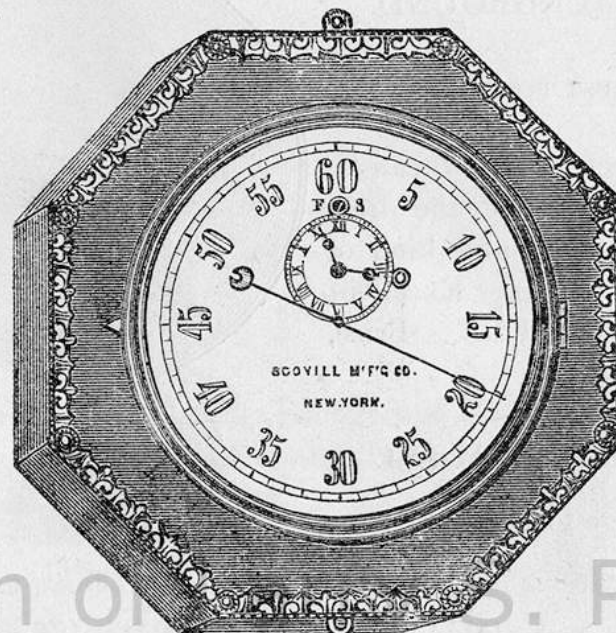


Very light, durable, and portable. The Box carrying the tent, and forming part of same, together with the Reservoir and Developing Tray for 11x14 plates. It is mounted on a light tripod stand, and is in every way desirable for out-door work, . . . . . \$50 00

Larger sizes made to order.

English Tent, for stereos and 6½x8½, . . . . . 20 00  
Thos. H. McCollin's Improved Tent, four legs and cover, 20 00

## PHOTOGRAPHIC CLOCKS.



Each, \$9.00.

Many operators have long wanted a correct and reliable clock to assist them in timing the exposure of the plate in the camera. It is supplied with a second dial, on which the time may be noted, and also with a small dial as shown in the cut making it serve as a regular clock. Three styles are made differing only in their outside appearance, so that both the plain taste and the taste for the fancy may be catered to. They will be found very useful under the skylight and when silvering paper.

## BACKGROUNDS.

WOOLEN, EITHER LIGHT OR DARK.

8x8,	. . . . . \$10 25	8x10,	. . . . . \$13 00
8x9,	. . . . . 11 50	8x12,	. . . . . 15 50

Special sizes at 16½ cents per square foot.

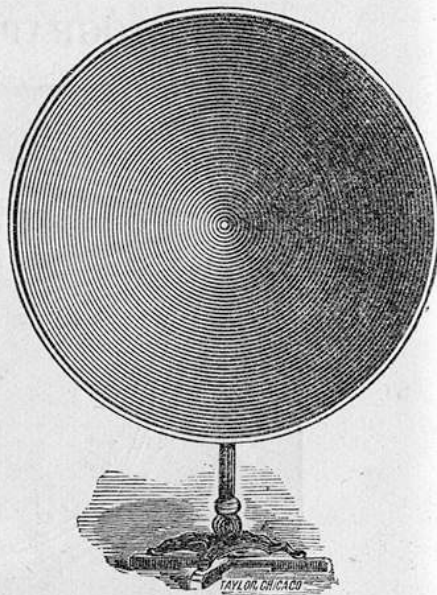
BIGELOW'S REVOLV-  
ING BACKGROUND.

FOR BEST PORTRAITS.

Any effect of relief can be given, regardless of the dress of the sitter, or any kind of lighting or posing. Excellent for the "Rembrandt." Price, round, \$10 00.

Vignette, 42x44 inches, \$4.

No charge for boxing.



[Patented.]

## SQUARE OIL GROUND.

8x8,	\$7 70	8x10,	\$9 60
8x9,	8 65	8x12,	11 50

Special sizes at 12 cents per square foot.

## VAN RIPER'S PATENT CONICAL BACKGROUND.

Price, \$25 00. With Stand, \$27 50.

## SEAVEY'S BACKGROUNDS, &amp;c.

Plain, painted, per square foot,	\$0 10
Landscape, " " "	25
Interior, " " "	20
Vignette, " " "	20
Rembrandt " " "	20
Side Slips " " "	40
Triangular Shadow Producer, per square foot,	27
Curved Shadow Producer, per square foot,	35

Large Rock,	\$15 00
Medium "	10 00
Small "	4 00
Large, medium, and small,	25 00
Rustic Fence, papier mache,	15 00
Rustic Arbor, " "	20 00
Rustic Fence and Arbor combined,	25 00
Fireplace,	15 00
Tree Stump, with Ivy,	10 00
Manilla Grass,	2 00
Artificial Ivy, per yard,	2 00

Rembrandt and Vignette Background, 5x5 feet square, with most approved fixtures and frame complete, \$7 00  
In oil, 10 00

Rollers and boxing extra.

We can paint Fancy Backgrounds from any design furnished us, and of any desired size.

## THE NEGATIVE PRESERVER.

Consists of a stout brown paper envelope, one end open and cut to admit the thumb and forefinger in removing the negative, and having on the front, three printed lines for the number, name, and remarks. They may be used either with or without a rack, and in the latter case may be stood up on end, or piled one above another in any position, with safety but their chief merit lies in the absolute protection of the glass and film from breakage, dust, and scratching.

They are put up in packages of 500 each, and cost as follows:

		Per Thousand.
No. 1, for Negatives	3½x4½,	\$5 00
2,	4½x5½,	7 00
3,	4½x6½,	8 50
4,	5x8,	9 50
5,	6½x8½,	11 50
6,	8x10,	14 50

# MORGAN'S

## ALBUMENIZED AND SALTED PAPERS.

Any one who has experienced the difficulty of keeping Sensitized Paper, especially in warm weather, will be glad to become acquainted with

### "MORGAN'S H. EXTRA."

There is no doubt of its being the

### BEST ALBUMENIZED PAPER

sold, bearing the hot weather test without discoloration longer than any other in the market.

### FIFTEEN YEARS' USE

has confirmed its value among Photographers of this vicinity, and every year extends the region in which it is considered an essential.

Our facilities for the manufacture of this valuable material and our processes are so perfect, that we can insure a

### Uniformity of Quality

very satisfactory to our purchasers. It is only to persons yet ignorant of its nature that we need say, that its use requires no laborious or special methods, all ordinary processes of printing and toning suiting it well. We, however furnish with each lot of paper, a formula that we esteem. To artists that wish

to compare our paper with that of other manufacturers, native and foreign, we can furnish the

### BEST BRANDS IN THE MARKET,

SUCH AS

*Clemons, N. P. A. Dresden,*  
AND OTHERS.

The above papers can be furnished of

### ANY SIZE DESIRED,

thus giving facility for the production of unusually large pictures without the expedient of joining different sheets.

These remarks apply also to

### MORGAN'S CALENDER-FINISH SALTED PAPERS,

which are especially adapted to pictures to be finished in Sepia, India-ink or colors. They are so prepared as not to affect injuriously an ordinary bath; thereby avoiding the greater outlay and waste experienced with others, and yield, easily, all tones from light brown to purple.

Rives' Brilliant, (Double Albumenized),	per ream,	\$40 00
" White, - Single	" "	36 00
" Pink	" "	36 00
" Pearl,	" "	36 00
Saxe Calender-Finish Salted,	" "	36 00

### THOMAS H. McCOLLIN,

Agent for the Manufacturer, 624 ARCH ST., PHILA.

Send \$1 00 for sample dozen of single.

" 1 15 " " brilliant.

## OTHER PHOTOGRAPHIC PAPERS.

	Per Ream.	Per Doz.
Trapp & Munch, German Albumen Paper 10 kil.	\$35 50	\$1 00
Hovey's Albumen Paper,	33 00	1 00
Sensitized " made daily		2 50
Saxe's Plain Medium Albumen Paper,	20 00	75
Endless Plain Paper, per yard, 60 cents.		
Carbon Tissue (Spencer, Sawyer, Bond & Co.),	2 50	

In quantities less than quarter ream, dozen price will be charged. Parties ordering by mail should add ten cents per dozen for postage and rollers.

Orders filled for all other makes of Albumen Paper, Foreign and American.

## SUPERIOR GERMAN FILTERING PAPER.

No. 25, round, 100 sheets in package,	\$0 45
33, " " " "	60
40, " " " "	75
White Gum Paper, (sticking paper) per dozen,	25
Joseph Paper, " "	8
Tissue Paper, all colors, " "	25
" very fine, for printing under,	30

## BENDANN'S BACKGROUND NEGATIVES.

8-10, size, each,	\$3 50
11-14, " " " "	5 00

## GIHON'S OPAQUE.

For painting out negatives, per cake,	\$0 50
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## PHILADELPHIA ENVELOPES.



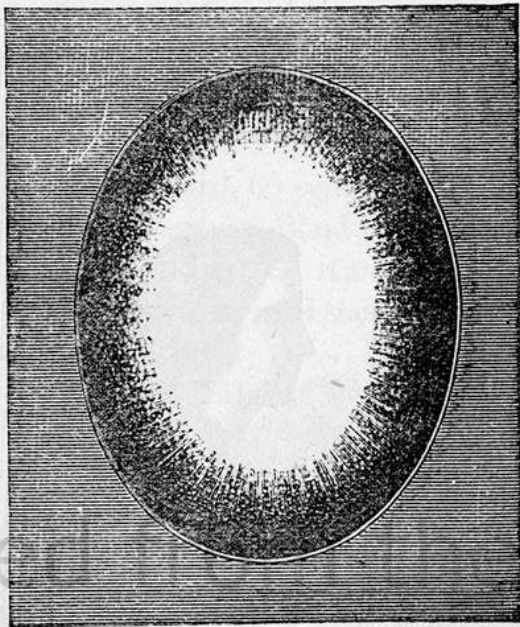
	Per Thousand.	Per Hundr d.
Gem,	\$6 50	\$0 70
Card,	7 50	80
Victoria,	10 00	1 10
Cabinet,	15 00	1 60
" buff, first quality,	8 50	90
Gem Slips (Collins')	4 00	40
Bon Ton, " assorted,	5 00	50

Common Buff or White Envelopes, from \$1 50 to \$5 00 per thousand.

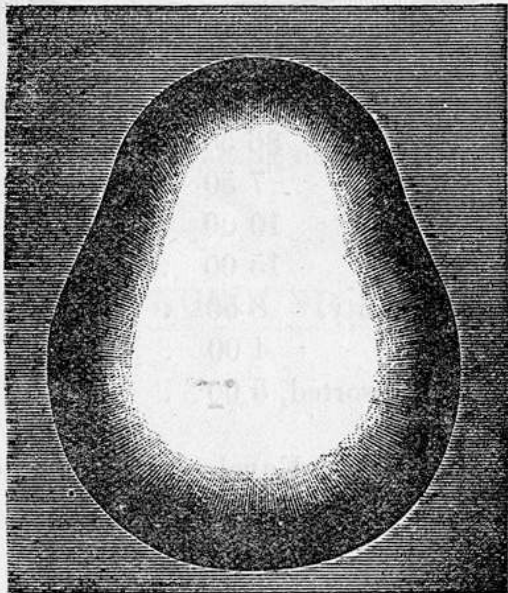
Printing above, \$1 00 per thousand.

## WAYMOUTH'S VIGNETTING PAPERS.

Are now made of two shapes, as shown in these drawings.



They consist of finely gradated, lithographed designs, mounted



on protecting sheets of non-actinic paper, and are the lightest, neatest, and best means of producing vignette pictures ever offered.

In parcels containing one of each size, fifteen, assorted colors, . . . . . \$1 00

Assorted sizes and colors, by number, per package of fifteen, . . . . . 1 00

Nos. 1, 2, 3, 4 and 5, assorted sizes and colors, for cartes, by number, per dozen, . . . . . 50

Nos. 6, 7, 11, 12, and 13, assorted sizes and colors, for large cartes and Victorias, by number per dozen, . . . . . 75

Nos. 8, 9, 10, 14, and 15, assorted sizes and colors, for cabinets and whole size, by number, per dozen, . . . . . 1 00

When ordering, photographers and dealers should state the number and color wanted.

## GIHON'S INIMITABLE CUT-OUTS.

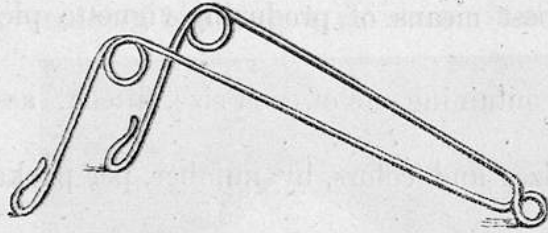


## FOR PRINTING THE MEDALLION PICTURES.

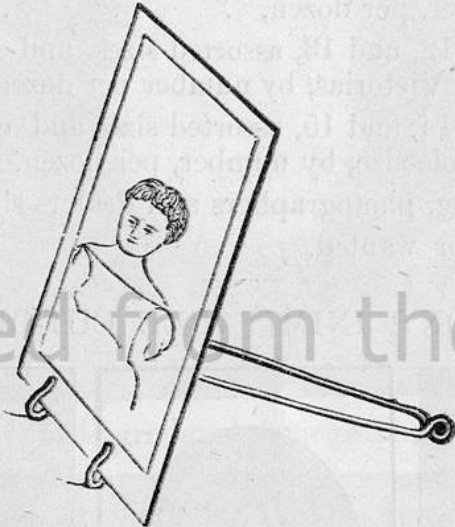
Thirty cut-outs, of various sizes and shapes, for cartes, Victorias, cabinets, and whole sizes, with inside ovals, in each parcel for \$1. Full instructions on medallion printing accompany them.

Larger and odd sizes made to order.

## SCOVILL'S CARD SUPPORTS.



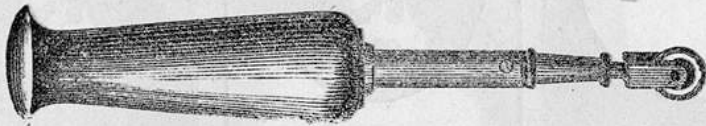
Patent applied for.



Price, per gross,

\$2 00

## ROBINSON'S PHOTOGRAPHIC TRIMMERS.



Price, by mail, \$3 50.

They will be found very useful by photographers and others, who find it needful to cut ovals, circles, circle tops, or square with round corners. It is very simple in construction, and can be used with very little practice, successfully. All are guaranteed perfect.

To USE: Hold it upright, and move rapidly around the guide. The wheel revolves and guides the hand.

## ROBINSON'S PHOTOGRAPH TRIMMER

is a substitute for a knife for trimming photographs, and does the work much more expeditiously and elegantly than it. It saves time, saves prints, and saves money.



The accompanying cut represents the instrument in the act of trimming a photograph. It does not *cut*, but *pinches off* the waste paper, and leaves the print with a neatly beveled edge which facilitates the adherence of the print to the mount. Try one, and you will discard the knife and punch at once. For ovals and rounded corners it is worth its weight in gold. A complete trimmer mailed for \$3.50.

Oil the wheel bearings with sewing machine oil.

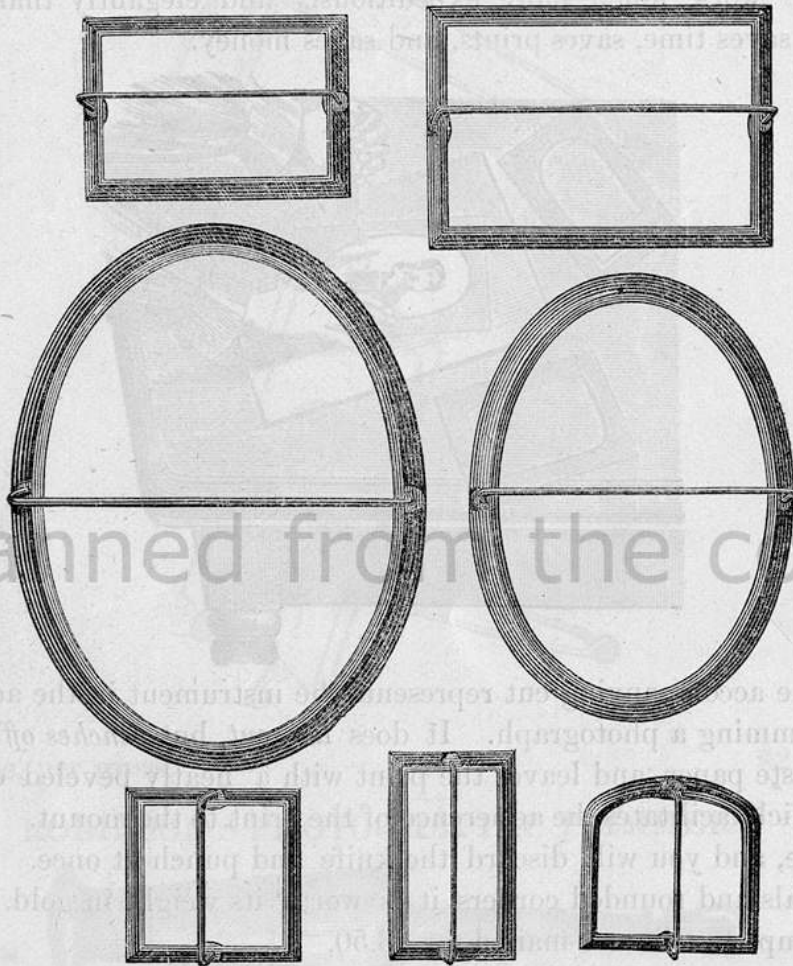
## PATTERN GLASS FORMS.

For cutting out Stereos., Card Pictures, Cabinets, Victorias, and 4-4's; made of heavy plate glass, each.

Stereo.,	. . . \$0 75	Cabinet,	. . . \$1 00
Card,	. . . 50	4-4 Oval,	. . . 1 25
Victoria,	. . . 1 00	Other sizes to order.	

## SCHOFIELD'S METALLIC FORMS,

FOR TRIMMING PHOTOGRAPHS.

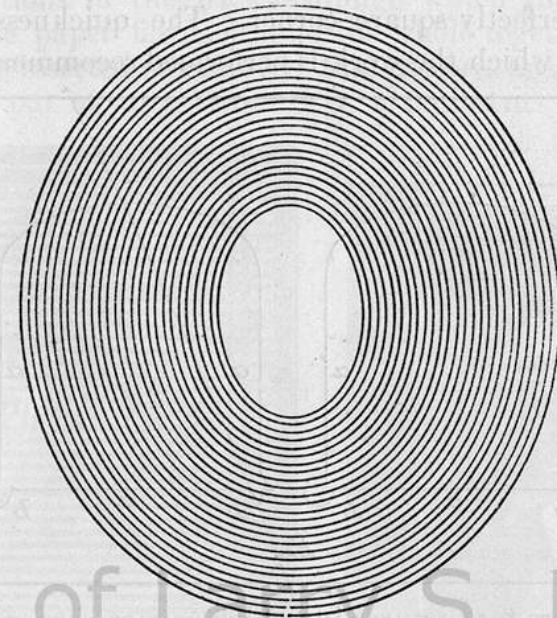


These forms are so constructed that they press tightly on the outer side, and so prevent the paper tearing before the knife, as is frequently the case in the glass forms

## ROBINSON'S PHOTOGRAPH GUIDES.

For using with the Trimmer. All sizes and shapes. Made of heavy iron, and guaranteed mathematically true. Odd

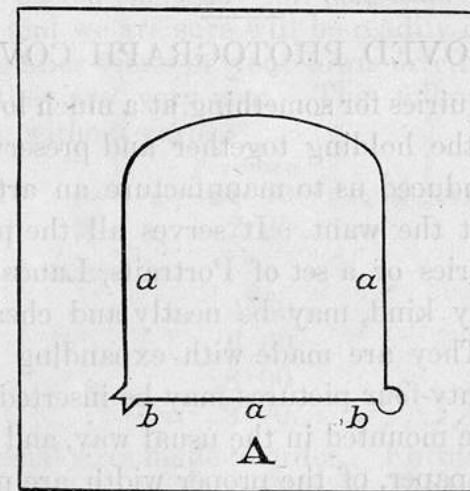
sizes made to order. Price, 15 cents per inch the long way of



the aperture. Regular sizes, 10 cents per inch.

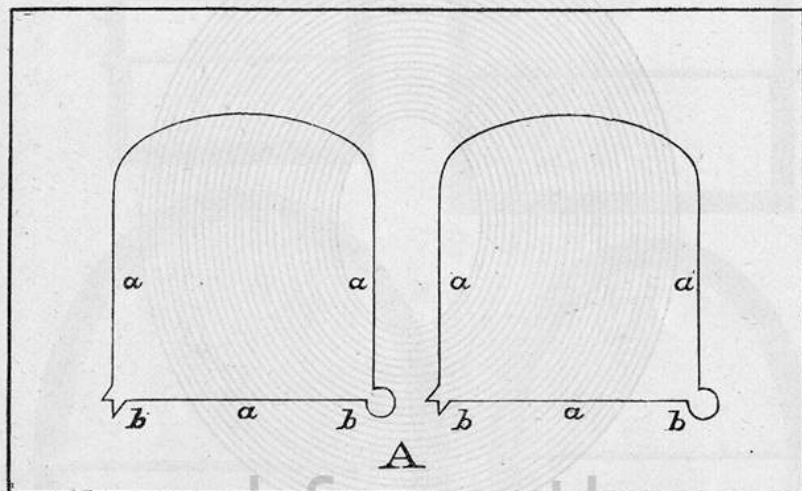
## L. T. YOUNG'S PATENT GUIDES,

FOR CUTTING SQUARE AND ARCH-TOP PHOTOGRAPHIC PICTURES.



Patented, Dec. 16th, 1873.

This guide is the only form used with the wheel cutter, that will cut a perfectly square corner. The quickness and perfection with which the work is performed recommends it to all



Photographers for pictures in which square corners are necessary. Price, 15 cents per inch measured the long way.

Properly they should be made of steel instead of iron as usual, in which case they will cost, 20 cents per inch.

THOS. H. MCCOLLIN, Sole Agent.

### IMPROVED PHOTOGRAPH COVERS.

Frequent inquiries for something at a much lower price than an album, for the holding together and preservation of photographs, has induced us to manufacture an article which we think will meet the want. It serves all the purposes of an album, for a series or a set of Portraits, Landscapes, or Photographs of any kind, may be neatly and cheaply bound in these covers. They are made with expanding backs, so that from six to twenty-four pictures may be inserted in one cover. The pictures are mounted in the usual way, and then strips of linen, or strong paper, of the proper width, are pasted on one edge, by which the picture is inserted and held in place in the

cover by a paper fastener. Fig. 1 represents the cover, with the perforations in the back, through which the spreading clasps of the paper fastener bind the whole together. These are so easily inserted or removed, that pictures are readily put in or taken out at any time. Fig. 2 represents the picture,

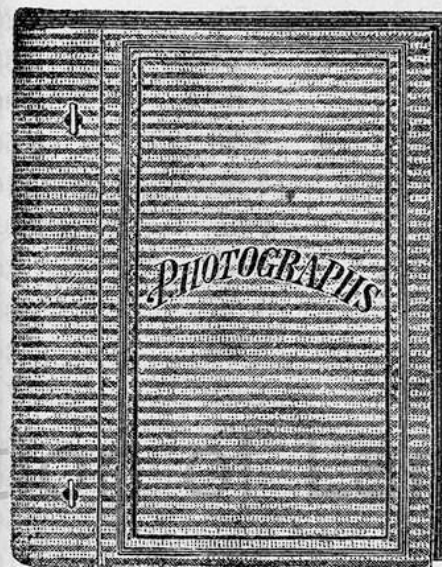


Fig. 1.

THE OUTSIDE APPEARANCE.



Fig. 2.

A LEAF SHOWING THE GUARD.

with the guard pasted on ready for insertion. The arrangement is simple, and we are sure will be readily comprehended. For binding together views of your town or city, or portraits of celebrities, they are very neat. The following is a list of sizes and prices, without cards:

	For Photograph.	Per dozen.	Per hundred.
Card size,		\$1 50	\$10 00
Cabinet size,		2 25	13 50
<b>EXTRA HEAVY COVERS.</b>			
5-8 size,		4 50	33 00
4-4 "		6 00	40 00
8-10 "		8 00	56 50
11-14 "		9 00	65 00

Larger or special sizes made to order. Furnished with card board at best rates. Samples mailed at dozen price. *Send for some.*



## CASES.

## MANILLA CASES.

	Fitted.	Unfitted.
1-9, P V X, per doz.,	\$1 15	\$0 70
1-6, " "	1 50	80
1-4, " "	2 50	1 20
1-9 C V X, per doz.,	1 25	38
1-6 " "	1 60	90
1-4 " "	2 90	1 50
1-2 " "	4 90	2 40
1-9 C V Gt Gt X. per doz.,	1 55	1 05
1-6 " "	2 00	1 30
1-4 " "	3 50	2 00
1-2 " "	5 80	3 30
1-9 Double X, " "	1 67	75
1-6 " "	2 29	85
1-4 " "	4 30	1 50
1-2 " "	7 30	2 50
1-9 Double Gt Gt X, " "	2 00	1 10
1-6 " "	2 69	1 25
1-4 " "	5 05	2 25
1-2 " "	8 30	3 50

## FANCY CASES.

1-16 C V G G, band and clasp, per doz.,	\$1 50	\$1 20
1-9 " " " "	2 00	1 50
1-6 " " " "	2 80	2 10
1-16 S V G G X, " "	1 80	1 50
1-9 " " " "	2 30	1 80
1-6 " " " "	4 00	3 90
1-4 " " " "	5 30	6 00
1-2 " " " "	8 50	6 00
1-16 Imitation T M band, " "	3 00	2 75
1-9 " " " "	4 00	3 60

	Fitted.	Unfitted.
1-6 Imitation T M Band, per doz.	\$5 50	\$4 80
1-4 " " "	8 60	7 25
1-2 " " "	13 50	11 00
1-16 Fine T M, per doz..	5 10	4 80
1-9 " " "	5 85	5 40
1-6 " " "	7 90	7 25
1-4 " " "	12 15	10 75

## FINE SILK VELVET CASES—OVAL.

	American Fitting.	French Fitting
1-16 Assorted colors, . per doz.,	\$9 00	\$11 50
1-12 " " "	10 75	12 50
1-9 " " "	12 00	14 00
1-6 " " "	14 25	16 00
1-4 " " "	21 00	22 00
1-2 " " "	"	50 00

On orders for six dozen, one dollar per dozen will be allowed. Stamps furnished, for stamping name and address in cases, at twenty cents per letter. Cost of stamping in gold fifty cents per dozen. Double cases made to order.

## FINE LEATHER CASES—OVAL.

## FITTED WITH FRENCH RING AND CONVEX GLASS.

	Turkey Morocco.	Russian Leather.
1 9	\$14 00	\$15 00
1-6	16 00	18 00
1-4	22 00	24 00
1-2	50 00	52 00

Double cases made to order.

## UNION CASES.

	Fitted.	Unfitted.
1-16 Square, per doz.,	\$2 95	\$2 60
1-9 " " "	3 55	3 10
1-6 " " "	4 50	3 80

	Fitted.	Unfitted.
1-4 Square, per doz.,	7 10	5 70
1-2 " " . . . . .	12 40	10 00
1-16 Oval, " " . . . . .	3 00	
1-12 " " . . . . .	3 25	
1-9 " " . . . . .	3 80	
1-6 " " . . . . .	4 75	

Double Cases, unfitted, same price as single. The price of Square Cases marked fitted, includes mats, preservers, and glass.

#### UNION LOCKET CASES.

Plain Single, per dozen, fitted,	\$1 20
Gilt " " " . . . . .	1 65
Plain Double, " " " . . . . .	1 65
Gilt " " " " . . . . .	1 90

#### MATS AND PRESERVERS.

	Gross.	Dozen.
1-16 Assorted patterns, . . . . .	\$1 50	\$ 13
1-9 " " " " . . . . .	2 00	18
1-6 " " " " . . . . .	3 00	26
1-4 " " " " . . . . .	6 00	55
1-2 " " " " . . . . .	10 00	90

On orders for gross, 10 per cent. discount.

#### SQUARE FITTINGS.

##### MATS, PRESERVERS, AND GLASS.

Per dozen, 1-16, \$0 35; 1-9, \$0 46; 1-6, \$0 72; 1-4, \$1 40; 1-2, \$2 40.

#### UNION CARD FRAMES.

No. 30—Plain, not fitted, per dozen,	\$1 40
31—Gilt, " " . . . . .	3 10
46— " fitted, " " . . . . .	3 10
28— " Oval, fitted, " " . . . . .	3 30
47— " Illuminated, " " . . . . .	3 30
48— " Extra Oval, " " . . . . .	3 80

#### UNION VICTORIA FRAMES.

Brown or Black, square outside (oval opening), per doz.	\$6 50
" " (R. C. " " " "	6 50

#### UNION CABINET (IMPERIAL) FRAMES.

No. 49—Gilt (oval opening), per dozen,	\$7 60
50— " " extra " . . . . .	9 50
51— " (R. C. opening), " " . . . . .	7 60

#### OVAL UNION FRAMES.

Per dozen, 1-9, \$ 1 80; 1-6, \$2 85; 1-4, \$3 80; 1-2, \$5 25  
4-4, \$11 40.

#### DIATITE FRAMES.

Card Size, A. C. D., per dozen,	\$2 25
" V. Q., " " . . . . .	3 25
Victoria " " " " . . . . .	6 50
Cabinet " " " " . . . . .	8 00

#### VELVET AND METAL FRAMES.

##### CARD SIZE.

	Per Dozen.
Bronze, with stand . . . . .	\$3 00
Gilt Metal, assorted colors . . . . .	4 00
No. 1—Velvet and Metal, . . . . .	10 50
1½— " Oxidized, . . . . .	10 50
528— " " . . . . .	8 50
31— " " . . . . .	13 50
529— " " . . . . .	8 50
33— " " . . . . .	12 00
219— " " . . . . .	21 00
113— " " . . . . .	24 00
503— " " . . . . .	24 00
517— " " . . . . .	27 00

## IMPERIAL SIZE.

	Per Dozen.
No. 17—Velvet and Metal . . . . .	\$25 00
2— “ . . . . .	33 00
219— “ oval and square openings . . . . .	33 00
517— “ . . . . .	36 00
110— “ . . . . .	36 00

## CARD SIZE, WITH EASEL.

No. 90—Velvet and Metal, . . . . .	\$12 00
639— “ . . . . .	18 00
130— “ . . . . .	20 00
Banner Pattern, . . . . .	20 00
No. 413—Velvet and Metal, Oxidized . . . . .	36 00
402— “ “ . . . . .	36 00
407— “ “ . . . . .	36 00
5— “ “ . . . . .	33 00

## IMPERIAL SIZE, WITH EASEL.

No. 90—Velvet and Metal, . . . . .	\$20 00
19— “ . . . . .	36 00
129— “ . . . . .	39 00
5— “ . . . . .	42 00
5— “ Oxidized, . . . . .	42 00

Many other patterns at low prices. Sample orders filled carefully.

## PASSEPARTOUTS.

## CARD SIZE.

	Per dozen.
Oval arch, square opening, . . . . .	\$0 45
Pebble paper fronts, assorted colored openings, white bevel, . . . . .	1 25
No. 225.—Pebble paper fronts, assorted colors, flock bevel, arch oval and square, . . . . .	2 00
No. 291.—Tinted and fancy paper fronts, assorted colors, deep gilt bevel, . . . . .	3 50

Per dozen.

No. 294 a.—Pebble paper fronts, assorted colors, deep gold bevel, . . . . .	\$4 50
with standard back, . . . . .	6 00
No. 295 c.—Tinted fronts, assorted colors, fancy orn. lines, gold bevel, . . . . .	5 50
with standard backs, . . . . .	6 50
Fancy card P. P. 6-7 outside assorted openings, orn. fronts, various patterns, deep gold and white bevel, . . . . .	3 50

## CABINET SIZE.

No. 190.—Pebble fronts, gilt around opening, assorted openings, . . . . .	\$2 25
No. 190.—Pebble fronts, deep white gilt bevel, assorted openings, . . . . .	3 75
No. 225.—Pebble paper fronts, assorted colors, flock bevel, double gilt edge, assorted openings, . . . . .	3 00
No. 294 a.—Pebble paper fronts, deep gold bevel, assorted openings, . . . . .	6 50
with standard backs, . . . . .	8 00
No. 295 c.—Tinted and pebble fronts, assorted colors, fancy ornamented lines, . . . . .	7 25
with standard backs, . . . . .	8 75
Fancy cabinet or 4-4, 8 x 10 outside, assorted openings, fancy fronts, deep bevel, . . . . .	6 50
No. 225.—8 x 10 outside, 4-4 opening, assorted, . . . . .	5 00
294 a.— “ “ “ “ . . . . .	7 50

Constantly receiving new patterns. Larger sizes made to order.

## FINE VELVET PASSEPARTOUTS.

## FITTED WITH FRENCH PLAIN RIMS. EACH.

Size.	Silk velvet, first-quality plate glass.	Silk velvet, second quality Fr. glass.	Silk velvet, third-qual. Fr. glass.
1-6 . . . . .	\$1 50	\$1 25	\$1 00
1-4 . . . . .	1 90	1 55	1 15
1-2 . . . . .	2 75	1 75	1 25
4-4 . . . . .	3 75	2 50	1 50

Larger sizes to order.

## FINE VELVET STANDEES.

Morocco edge, fitted with plate glass and french plated ring, each. 1-6, \$1 75; 1-4, \$2 50; 1-2, \$3 00; 4-4, \$4 50.

## SILK VELVET STANDS.

OPENING.	OUTSIDE MEASURE.	A. DOZ.	B. DOZ.	C. DOZ.	D. DOZ.	E. DOZ.
1-16	3x3 $\frac{1}{4}$	\$10 75				\$13 90
1-12	3 $\frac{1}{4}$ x4	13 50				14 10
1-9	4 $\frac{1}{2}$ x5 $\frac{1}{2}$	18 00				14 25
1-6	4 $\frac{1}{2}$ x5 $\frac{1}{2}$	18 75	\$20 25	\$24 40	\$24 40	14 45
1-4	6x7 $\frac{1}{4}$		22 50	26 25	26 25	15 75
1-2	6 $\frac{1}{2}$ x7 $\frac{1}{2}$		26 25	31 50	29 25	17 40
Imperial.	6 $\frac{1}{2}$ x8 $\frac{1}{2}$		30 00	36 00	33 00	20 25
Imperial.	7x9		32 25	38 25	36 00	21 90
4-4	8x10		36 00	42 75	40 50	25 50
4-4	9x11		40 50	46 50	45 00	28 10
4-4	10x12		45 00	51 75	48 00	30 75
7x9	10x12		49 50	56 25	49 50	33 75

A.—Lyons silk velvet, with stand, octagon outside.

B.— “ “ “ square “

C.— “ “ “ square, gilt edge outside.

D.— “ “ “ square paneled.

E.—German silk velvet, with stand, square outside.

## SILK VELVET PASSEPARTOUTS.

WITH STANDARD BACKS.

No. 394.—Card, panel front,	per doz.,	\$15 00
394.—Cabinet, “	“	21 00
396.—Card, “ deep gold bevel,	“	15 00
396.—Cabinet, “	“	21 00
601.—1-6, star corner, panel front,	“	20 00
601.—1-4 “	“	23 00
601.—1-2 “	“	35 00
601.—4-4 “	“	45 00

## FANCY PASSEPARTOUTS.

	Per dozen.
(F. R.) Russian Leather, 1-6 size, <i>18x22</i>	\$22 00
“ “ 1-4 “ <i>14x18</i>	28 00
“ “ 1-2 “	33 00
“ “ 4-4 “	57 00

## FANCY PASSEPARTOUTS.

	Per dozen.
(F. R.) Turkey morocco, 1-6 size,	\$18 00
“ “ 1-4 “	25 00
“ “ 1-2 “	30 00
“ “ 4-4 “	48 00

## FIRST-QUALITY PAPER MATS.

PRICE PER 100.

SIZE OF CARDS.	Oval openings.	Round	Tinted	Tinted	Double embossed mats.
		cornered, arch-top, & square openings.	oval openings.	round cor. arch-top, & square openings.	
	\$ c	\$ c	\$ c	\$ c	\$ c
22x28, . . . . .	15 00	16 00	16 00	17 00	35 00
20x24, . . . . .	13 50	15 00	15 50	16 50	35 00
18x22, 17x21, . . . . .	12 50	13 00	13 00	13 00	28 50
16x20, 15x19, 15x18, . . . . .	10 00	11 00	11 00	12 00	26 00
14x17, 14x16, 13x16, . . . . .	7 00	8 50	8 00	9 00	18 00
12x14, . . . . .	5 00	6 50	5 50	6 50	11 50
11x14, . . . . .	3 62	5 00	4 00	5 50	10 00
10x12, . . . . .	1 95	2 50	2 25	3 50	6 50
8x10, . . . . .	1 50	2 00	1 75	2 75	5 00
6 $\frac{1}{2}$ x8 $\frac{1}{2}$ , . . . . .	1 30	1 87	1 50	2 25	4 00
6x7, . . . . .	1 20	1 75	1 37	2 00	3 37
5x6, . . . . .	1 00	1 62	1 25	2 00	3 00

4 x 5, with card size openings, oval, round corners, and arch-top; white, rose tint, light and dark buff cards, \$4 00 per thousand.

## DEEP GOLD BEVEL MATS.

No. 494 a.—Pebble fronts, gray tint, assorted openings.

8 x 10, per dozen, \$4 00 | 10 x 12, per dozen, \$6 00

Larger sizes made to order.

## ENGLISH MATS.

6 $\frac{1}{2}$ x 8 $\frac{1}{2}$ , per 100, . . . . .	\$8 00	11 x 14, per 100, . . . . .	\$15 00
8 x 10, “ . . . . .	10 00	12 x 15, “ . . . . .	20 00
10 x 12, “ . . . . .	12 00	13 x 16, “ . . . . .	30 00

Per dozen 15 per cent higher.

LITHOGRAPHED EMBOSSED MATS.

WHITE OR TINTED CARDS, WITH OVAL ROUND CORNERS AND ARCH-TOP OPENINGS.

**10x12, \$4 75 per 100.**      **8x10, \$3 75 per 100.**

- 5 x 7 oval openings.
- 5½ x 7½ “
- 6 x 8 “
- 7 x 9 “

- 3½ x 5 oval openings,
- 5 x 7 “
- 5½ x 7½ “
- 6 x 8 “
- 3¾ x 5¼ “
- 3¾ x 5¼ round cor. open'gs
- 3¾ x 5¼ arch-top “

**6½ x 8½, \$3 37 per 100.**

- 3½ x 5 oval openings.
- 3¾ x 5½ round cor. openings
- 3¾ x 5½ arch top “

**4½ x 5½, \$2 00 per 100.**

- 2½ x 3¼ oval openings.
- 2½ x 3¼ arch top “

BEVELLED MATS.

PER DOZEN.

Outside measure.	Plain bevelled.	Tinted, with white bevel.	Outside measure.	Plain bevelled.	Tinted, with white bevel.
6x7, . .	\$0 65	\$0 90	14x18, . .	\$3 00	\$4 87
7x9, . .	1 00	1 50	16x20, . .	4 00	6 00
8x10, . .	1 10	1 62	18x22, . .	4 50	7 00
9x11, . .	1 37	2 00	20x24, . .	5 00	8 00
10x12, . .	1 75	2 62	22x28, . .	7 00	10 50
11x14, . .	2 50	3 75	25x34, . .	12 00	20 00
12x14, . .	2 50	3 87	28x42, . .	19 50	31 50
14x16, . .	2 75	4 37	35x47, . .	30 00	50 00

20 per cent. added when the quantity is less than a half a dozen.

New designs constantly on hand.

FANCY MATS.

IN GREAT VARIETY.

We have for sale all the numerous patterns made. Special designs made to order.

SHOW CARDS.

NEW STYLE.

OPENINGS, WITH GILT, BLUE, AND RED LINES.

Nos.	Outside Measure.	Number of Openings.	Price each.
20	21 x 27	Twenty-five cards, . . . . .	\$2 20
21	19 x 25	Twenty cards, . . . . .	1 80
26	18 x 25	One 4-4 and twelve cards, . . . . .	1 20
27	18 x 22	Sixteen cards, . . . . .	1 20
29	16 x 20	Twelve cards, . . . . .	1 10
30	14 x 18	Nine cards, . . . . .	90
116	14 x 17	One imperial and six cards, . . . . .	70
101	12 x 14	Six cards, . . . . .	55
102	10 x 12	Four cards, . . . . .	45

GOTHIC STYLE.

Nos.	Outside Measure.	Number of Openings.	Price each.
3	21 x 27	One 4-4 and twelve cards, . . . . .	\$1 80
114	18 x 22	One 4-4 and eight cards, . . . . .	1 50

PARIS STYLE, AND FLAIN.

Any size and shape, made to order, with any number of openings.

FANCY SHOW CARDS.

NO VELVET AROUND THE OPENINGS—GILT, BLUE, AND RED LINES.

Nos.	Outside Measure.	Number of Openings.	Price each.
2	21 x 27	One 4-4 and twelve cards, . . . . .	\$1 35
18	21 x 27	Nine round-cornered imperials, . . . . .	1 35
19	21 x 27	Nine assorted imperials, . . . . .	1 35
23	18 x 22	One 4-4 and eight cards, . . . . .	1 15
24	18 x 22	One 4-4 and eight cards, oval shape, . . . . .	1 15
28	18 x 22	Twelve cards, . . . . .	1 15
31	14 x 18	One imperial and eight cards, . . . . .	90
32	14 x 18	One imperial and six cards, . . . . .	90
33	12 x 14	Six cards, . . . . .	55
34	10 x 12	Four cards, . . . . .	45

FANCY SHOW CARDS.

LAI D IN WITH VELVET AROUND EACH OPENING.

Nos.	Outside Measure.	Number of Openings.	Price each.
1	21 x 27	One 4-4 and twelve cards,	\$1 65
5	21 x 27	One 4-4 four imperials, and eight cards,	1 65
6	21 x 27	One 4-4 and twelve cards,	1 65
7	21 x 27	One 4-4 and eight cards,	1 65
8	21 x 27	Six imperials and four cards,	1 65
9	21 x 27	Nine imperials,	1 65
11	18 x 22	One 4-4 and eight cards.	1 35
12	18 x 22	Six imperials,	1 25
112	18 x 22	One 4-4, four imperials and four cards,	1 35
99	18 x 22	One 4-4 and eight cards,	1 35
13	14 x 18	One 1-2 and eight cards,	1 10
14	14 x 17	One 1-2 and six cards,	95
100	14 x 18	Four imperials,	75
15	12 x 14	Six cards,	65
16	10 x 12	Four cards,	50

Special styles and sizes to order. New patterns constantly in stock.

THE CELEBRATED ENGLISH STYLE.

22 x 28, Nine imperial openings,	\$3 50
22 x 28, One 4-4 and twelve cards,	4 25

CARD BOARDS WITH INDIA TINTS.

Furnished at the following prices per 100 additional to the cost of the plain cards.

SIZES FROM	In lots of 100.	In lots of 200.	In lots of 300.	In lots of 400 or 500.	In lots of 600 or 700.	In lots of 800 or 900.	In lots of 1000.
6½ x 8½ to 11 x 14	\$4 00	\$3 00	\$2 75	\$2 25	\$2 00	\$1 75	\$1 62
12 x 14,	4 00	3 00	2 75	2 25	2 00	1 95	1 75
13 x 16 to 14 x 18	4 00	3 00	2 75	2 50	2 35	2 25	2 25
15 x 18 to 17 x 21	4 75	3 37	2 87	2 62	2 45	2 35	2 30
18 x 22,	6 00	4 37	3 75	3 50	3 25	3 12	3 00
21 x 24,	6 00	4 75	4 25	4 00	3 75	3 75	3 62
22 x 28,	6 75	5 00	4 50	4 12	3 87	3 85	3 75

Additional for name and address in lithographic tint, \$1.75 for each lot.

PHOTOGRAPHIC CARD STOCK.

TINTED PHOTOGRAPH CARD BOARDS. PRICE PER 100.

SIZE OF CARD.	ASSORTED COLORS—PLAIN.				With Gilt Oval, Square, R. C. or A. T. Lines.		
	A No. 1.	No. 1.	No. 2.	No. 3.	A No. 1.	No. 1.	No. 2.
	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
22 x 28,	17 00	15 00	12 00	8 50	23 00	21 00	18 00
21 x 25,	16 00	14 00	10 00	6 50	22 00	20 00	16 00
18 x 22, 17 x 21,	13 00	11 50	9 00	6 62	18 00	16 50	14 00
16 x 20, 15 x 18,	10 50	9 50	8 25	6 50	15 00	14 00	12 75
14 x 18, 13 x 16,	8 00	7 25	5 63	4 00	10 0	9 25	7 63
12 x 14,	6 00	5 00	4 00	3 00	8 00	7 00	6 00
11 x 14,	4 25	3 75	3 00	2 15	5 00	4 50	3 75
10 x 12,	4 00	3 50	2 50	1 63	4 75	4 25	3 25
9 x 11,	2 85	2 50	2 00	1 45	3 60	3 25	2 75
8 x 10,	2 70	2 25	1 70	1 10	3 40	3 00	2 50
7 x 9,	1 90	1 70	1 35	1 00	2 65	2 45	2 10
6½ x 8½,	1 75	1 55	1 20	90	2 50	2 30	1 95

PLAIN WHITE PHOTOGRAPH CARD BOARDS.

PRICE PER 100.

SIZE OF CARD.	Extra No. 1.	A No. 1.	No. 1.	No. 2.	No. 3.	No. 5.
	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
30 x 40,	53 00	.	.	35 00	.	.
25 x 35, and 25 x 30,	33 00	.	24 00	19 00	14 50	.
22 x 28,	20 00	17 00	15 00	12 00	9 50	10 75
20½ x 24½,	17 50	16 00	13 50	11 50	8 50	9 00
18 x 22,	14 50	.	11 00	8 50	6 50	7 75
17 x 21,	14 50	.	11 00	8 50	6 50	7 75
16 x 20, 15½ x 19½,	11 50	9 75	8 75	7 50	6 00	6 50
15 x 19, 15 x 18,	11 50	9 75	8 75	7 50	6 00	6 50
14 x 18,	8 75	7 75	6 75	5 25	4 00	5 00
14 x 17, 14 x 16, 13 x 16	8 50	7 50	6 50	5 00	4 00	5 00
12 x 14,	7 50	5 75	5 00	4 25	3 00	3 00
11 x 14,	5 00	4 25	3 75	3 00	2 38	2 75
10 x 12,	4 38	4 00	3 50	2 88	2 13	2 25
9 x 11,	3 35	2 85	2 50	2 00	1 60	1 80
8 x 10,	3 00	2 70	2 25	1 90	1 45	1 50
7 x 9,	2 25	1 90	1 70	1 35	1 10	1 20
6½ x 8½,	2 00	1 75	1 55	1 20	95	1 10

CARD BOARDS WITH INDIA TINTS IN STOCK.

FURNISHED AT THE FOLLOWING PRICES.

DESCRIPTION OF CARDS.	Per 100.
No. 1—10x12, with India tint, 7x9, square, for 4-4 photos.	\$5 00
“ 14x17, “ “ 9x11, “ 8x10 “	9 00
“ 16x20, “ “ 13x15½ “ 11x14 “	12 50
“ 18x22, “ “ 13x15½ “ 11x14 “	15 50

STEREOSCOPE MOUNTS.

WITH ROUND CORNERS. PRICE PER 1000.

(Square Corners, Fifty Cents per One Thousand Less.)

DESCRIPTION OF CARDS.	3½x7	4x7	4¾x7	4½x7
	\$ c.	\$ c.	\$ c.	\$ c.
No. 1—Enameled on both sides, . . . . .	12 00	14 00	14 75	16 25
1—Enm. face, white or tinted backs, . . . . .	10 50	12 00	12 75	14 00
2—Enameled on both sides, . . . . .	8 50	9 75	10 50	11 50
2—Enm. face, white or tinted backs, . . . . . tea. gray, light buff, dark buff, and light pearl, . . . . .	8 25	9 50	10 00	11 00
3½—Enameled on both sides, . . . . .	8 50	9 50	9 75	10 75
3½—Enm. face, white or tinted backs, . . . . .	7 75	8 75	9 00	10 00
2½—Tinted boards, tea, gray, light buff, dark buff, and light pearl, . . . . .	7 25	8 50	8 75	9 62
3—Enameled on both sides, . . . . .	6 38	7 25	7 75	8 50
3—Enameled face, white backs, . . . . .	6 00	6 87	7 25	7 87
3—Tinted boards, tea, gray; light buff, dark buff, and light pearl, . . . . .	6 00	6 87	7 25	7 87
4—Enameled on both sides, . . . . .	7 38	8 50	9 00	9 75
4—Enm. face, white or tinted backs, . . . . .	7 00	8 00	8 50	9 25
2—Buff, red, and green, enameled face, moresque backs, . . . . .	10 62			
18—Black enameled, . . . . .	9 75	11 00	11 75	12 75
20— “ “ . . . . .	10 25	11 50	12 00	13 50

Additional per 1000 for gilding or enameling edges of above :

	Gilt Edge.	Red or Black Enam. Edges.
3½x7, . . . . .	\$3 62	\$2 25
4x7, 4¾x7, 4½x7, . . . . .	4 62	2 25

ADDITIONAL PER 1000 FOR WATERPROOF STEREOSCOPE MOUNTS.

Enameled on both sides, 3½x7, . . . . .	\$1 75
“ “ 4x7, . . . . .	2 50
“ “ 4¾x7, . . . . .	2 62
“ “ 4½x7, . . . . .	2 75
Enameled face, white or tinted backs, 3½x7, . . . . .	90
“ “ “ 4x7, . . . . .	1 25
“ “ “ 4¾x7, . . . . .	1 31
“ “ “ 4½x7, . . . . .	1 38

PLAIN WHITE PHOTOGRAPH CARDS.

With Oval, Square, or Round Corners—Gilt or Tinted Lines.

PRICE PER ONE HUNDRED.

SIZE OF CARDS.	Extra No. 1.					
		A. No. 1.	No. 1.	No. 2.	No. 3.	No. 5.
22x28, . . . . .	\$26 00	\$23 00	\$21 00	\$18 00	\$15 50	\$15 50
20½x24½, . . . . .	23 50	22 00	19 50	17 50	14 50	14 50
18x22, . . . . .	19 50	16 00	16 00	13 50	11 50	12 00
17x21, . . . . .	19 50	16 00	16 00	13 50	11 50	12 00
16x20, 15½x19½, . . . . .	16 00	14 25	13 25	12 00	10 50	10 50
15x19, 15x18, . . . . .	16 00	14 25	13 25	12 00	10 50	10 50
14x18, . . . . .	10 75	9 75	8 75	7 25	6 00	6 00
14x17, 14x16, 13x16, . . . . .	10 50	9 50	8 50	7 00	6 00	6 00
12x14, . . . . .	9 50	7 75	7 00	6 25	5 00	5 50
11x14, . . . . .	5 75	5 00	4 50	3 75	3 13	3 15
10x12, . . . . .	5 13	4 75	4 25	3 63	2 88	2 88
9x11, . . . . .	4 00	3 60	3 25	2 75	2 35	2 35
8x10, . . . . .	3 50	3 45	3 00	2 65	2 20	2 20
7x9, . . . . .	3 00	2 65	2 45	2 10	1 85	1 85
6½x8½, . . . . .	2 75	2 50	2 30	1 95	1 70	1 75

The above prices include the cost of imprint in orders of 100, or more, for the usual size of openings. Orders of less than 100, with imprint, or for special sizes of openings, subject to an additional charge to these prices.

When ordering imprint on cards, please state if it is wanted on the end or side of the form.

## CABINET PORTRAIT CARDS.

## SQUARE CORNERS.

	Per 1000.
C.—Plain, . . . . .	\$5 50
“ Gilt or tinted lines, . . . . .	6 75
No. 10.—Gilt borders, . . . . .	7 25
A.—India-tint borders, . . . . .	9 00
Extra No. 1.—	
“ Gilt or tinted lines, . . . . .	9 25
“ India-tint borders, . . . . .	11 00
Holyoake, red or black tints, . . . . .	8 50

## ROUND CORNERS.

	Per 1000.
No. 6 D,—Enameled, . . . . .	\$8 00
A No. 1, four-ply Bristol.—White, plain, . . . . .	8 50
“ Gilt or tinted borders, . . . . .	10 00
“ Buff enam., plain, . . . . .	8 00
“ “ gilt or tinted bdrs., . . . . .	9 50
No. 1.—Tinted, plain, . . . . .	8 75
“ gilt or tinted borders, . . . . .	10 00
2.—Plain (tinted board), . . . . .	7 00
“ Gilt or tinted borders (tinted board), . . . . .	8 25
12.—Light buff enameled, plain, . . . . .	8 00
“ “ gilt or tinted borders, . . . . .	9 50
13.—Light and dark buff, plain, . . . . .	8 50
14.—Super double-enameled white, plain, . . . . .	12 00
“ “ “ gilt or tinted bdrs., . . . . .	13 00
18.—Enameled, pink, pearl, buff and green, plain, . . . . .	13 50
“ “ “ “ gilt lines . . . . .	15 00
Black or Chocolate enameled, . . . . .	12 00
“ gilt edge, . . . . .	16 00
“ red or black, . . . . .	14 25
No. 1.—Cards 6½ x 8½, white, light and dark buff, and gray, with gilt lines, . . . . .	18 75
2.—Cards 6½ x 8½, white, light and dark buff, and gray, with gilt lines, . . . . .	15 00

In lots of 1000, of Nos. 1 and 2, 6½ x 8½ cards, no additional charge for imprint. Orders for less than 1000 with imprint, 75 cents additional for each lot.

## CABINET PORTRAIT CARDS.

	Per 100.
Nos. 10, 12, 13, 14.—Square openings on No. 2, White, light and dark buff cards, . . . . .	\$3 00
“ “ Square openings on buff, pink and pearl enameled cards, . . . . .	3 75
No. 26.—8 x 10, white, light and dark buff cards, oval openings, . . . . .	4 00
26.—8 x 10, buff, pink and pearl enameled cards, oval openings, . . . . .	4 75
No. 1.—White, buff, pearl and pink enam. cards sq. op'gs. . . . .	\$6 00
27.—India tint and gilt borders, square openings, . . . . .	4 50
“ “ oval “ . . . . .	4 50
No. 3.—Enameled cards, 11 x 14, square openings, . . . . .	6 50

## VICTORIA CARD MOUNTS.

## ROUND CORNERS.

	Per 1000.
No. 22.—White, . . . . .	\$4 75
Light buff, . . . . .	4 50
Dark “ . . . . .	4 50
White, gilt or tinted lines, . . . . .	6 25
Light buff, “ . . . . .	5 87
Dark “ “ . . . . .	5 87
A No. 1, four-ply Bristol.—White, plain, . . . . .	6 00
“ Buff, enameled, plain, . . . . .	5 50
No. 23.—Light buff, enameled, plain, . . . . .	5 50
A No. 1, four-ply Bristol.—White, gilt or tinted borders, . . . . .	6 75
“ “ Buff, enam., gilt or tinted “ . . . . .	7 25
23.—Light buff, enameled, gilt or tinted borders, . . . . .	7 13
26.—Super White, “ plain, . . . . .	7 75
“ “ gilt lines, . . . . .	9 25
18.—Enameled, pink, pearl, buff, and green, plain, . . . . .	8 75
“ “ “ “ gilt lines, . . . . .	10 50

Prepared, \$1 00 per 1000 additional.



## CARTES MOUNTS.

	Square Corners.	Per 1000.
No. 16.—Plain, . . . . .		\$1 50
17.— " . . . . .		1 75
1.— " . . . . .		2 00
21.— " tinted board, . . . . .		1 60
22.— " white, . . . . .		2 50
" " tinted board, . . . . .		2 25
24.— " " . . . . .		3 00
25.— " tinted and white, . . . . .		3 00
27.— " tinted, assorted, . . . . .		3 62
Extra No. 1. Bristol.—Plain, . . . . .		2 75
A No. 1, three-ply Bristol.—Plain, white or rose tint, . . . . .		3 25
four-ply Bristol.—Plain, white, . . . . .		3 00
" " " rose tint . . . . .		3 50
" " " buff enameled . . . . .		3 25
No. 22.—Gilt or tinted borders, white . . . . .		3 25
" " tinted board . . . . .		3 00
A No. 1, four-ply Bristol.—Gilt or tinted borders, . . . . .		3 50
" " Buff, en'led, gilt or tint b'drs . . . . .		5 00

The above furnished with round corners at fifty cents per 1000 additional to the above prices.

No. 3.—Gilt or tinted borders . . . . .	2 00
2 D.—Gilt " . . . . .	2 12
2.—Gilt or tinted " . . . . .	2 37
1.—Gilt borders . . . . .	2 50
21.— " tinted board . . . . .	2 35
A No. 1, three-ply Bristol.—Gilt borders . . . . .	4 25
Nos. 5, 6, 7, 8, 20.—Gilt or tint. bdrs. assort. tint. backs . . . . .	3 12
" Plain face, assorted tinted backs . . . . .	2 50
20 D.—Gilt or tinted borders, buff tinted backs . . . . .	2 75
6, 7.— " " ass'td. tint. b'ks enam. . . . .	4 75
Plain face, assorted tinted backs, enameled . . . . .	4 00
31.—Gilt or tint. borders, assorted tint. b'ks, enam'd . . . . .	5 00
Plain face, assorted tinted backs, enameled . . . . .	4 25
20 A.—Gilt or tint. borders, assorted tint. b'ks, enam'd . . . . .	5 75
26.—Double enameled, gilt or tinted borders . . . . .	5 25
" plain, . . . . .	4 25

	Per 1000.
No. 23.—Light buff, enameled, plain . . . . .	\$3 25
" " " gilt or tinted borders . . . . .	4 00
18.—Enameled, assorted tints, plain . . . . .	5 00
" " " gilt line . . . . .	6 50

## ROUND CORNERS.

No. 20.—Enameled, gilt or tinted borders, . . . . .	5 50
" plain face . . . . .	4 75
20 A.—Enameled, gilt or tinted borders, . . . . .	6 25
" plain face, . . . . .	5 50
No. 23.—Buff enameled, . . . . .	3 75
" " " gilt or tinted borders, . . . . .	4 50
26.—Double enameled, . . . . .	5 75
" " plain face, . . . . .	4 75
22.—Assorted tints, . . . . .	3 50
24.— " " . . . . .	3 62
25.—Light buff, dark buff, and white, plain, . . . . .	3 62
27.—Assorted tints, . . . . .	4 12
18.—Enameled, assorted tints, plain, . . . . .	5 50
" " " gilt lines, . . . . .	7 00
Black enameled, plain, . . . . .	5 00
" " " gilt edge, . . . . .	7 62
" " " red or black edge, . . . . .	6 87

## PRICE PER 1000 ADDITIONAL TO THE PRICE OF CARDS.

## GILT EDGES.

Carte-de-visite mounts, . . . . .	3 50
Victoria mounts, . . . . .	3 50
Cabinet portrait cards, . . . . .	4 75
Stereoscope mounts, 3½x7, . . . . .	4 37
" " 4x7, 4¾x7, 4½x7, . . . . .	5 50

## TINTED ENAMELED EDGES.

Carte-de-visite mounts, . . . . .	1 87
Victoria mounts, . . . . .	2 25
Cabinet portrait cards, . . . . .	2 62
Stereoscope mounts, 3½x7 . . . . .	2 62
" " 4x7, 4¾x7, 4½x7 . . . . .	2 62

SLEE BROTHERS' PATENT PREPARED

### VICTORIA, CARTE-DE-VISITE, AND CABINET PORTRAIT CARDS.

In ordering, please state if round corners or square corners are wanted.

	Sq. cor. per 1000.	Round cor. per 1000.
No. 17—Plain	\$2 38	\$2 88
Extra No. 1, Bristol—Plain,	3 35	3 85
No. 2.—Purple lines,	3 00	
Red lines	3 00	
20.—Plain, assorted tinted backs	3 50	
Red lines, assorted tinted backs	3 75	
22.—White, plain	3 20	3 60
" purple lines	4 00	4 35
" red lines	4 00	4 35
Light buff, plain	2 95	3 35
" purple lines,	3 75	4 10
" red lines	3 75	4 10
Dark buff, plain	2 95	3 35
" red lines	3 75	4 10
" purple lines	3 75	4 10
A No. 1, four-ply Bristol,—White, plain	3 75	4 10
do do do purple lines	4 75	5 00
do do do red lines	4 75	5 00
A No. 1, four-ply.—Dark buff, plain,	3 75	4 35
do do red lines	4 70	5 10
do do purple lines,	4 70	5 10
A No. 1, four-ply.—Light buff, plain,	3 75	4 35
do do red lines,	4 70	5 10
do do purple lines,	4 70	5 10
A. No. 1, four-ply Bristol.—Rose tint, plain,	4 25	4 75
No. 31.—Enameled, assorted tinted backs, plain,		5 37
do do do purple lines,		6 25

#### VICTORIA CARDS—ROUND CORNERS.

	Per 1000.
No. 22.—White, plain,	\$5 87
do red lines,	7 25
Light buff, plain,	5 62
do red lines,	7 00

No. 22.—Dark buff, plain,	\$5 62
do red lines,	7 00
A. No. 1, four-ply—White, plain,	7 00
do do purple lines,	8 25
A No. 1, four-ply.—Light buff, plain	6 88
do do red lines,	8 25
A No. 1, four-ply.—Dark buff, plain,	6 88
do do red lines,	8 25

#### CABINET CARDS.—ROUND CORNERS.

No. 2.—White, plain,	\$9 00
do red lines,	10 75
Light buff, plain,	8 63
do red lines,	10 37
Dark buff, plain,	8 63
do red lines	10 37
A No. 1, four-ply—White, plain	10 50
do do red lines,	12 25
No. 13.—Light buff, plain,	10 62
do red lines,	12 50
Dark buff, plain,	10 62
do red lines,	12 50

Prepared enameled cards, or prepared cards with gilt lines on face, are not made. Prepared cards, with imprint on face, may be furnished, subject to special prices.

DIRECTIONS FOR USING: Mount the prints *while thoroughly wet* direct from the water-bath or basin of water; place the print upon the card, removing the surplus water with a soft rag or sponge, and rub down in the usual manner. Should there be a disposition to peel (which will not be the case if evenly rubbed down,) it is only necessary to wet the part and rub down as before.

## FERROTYPE MATS.

	Per 1000.
Plain white (Bergen), . . . . .	\$2 00
White, with gilt borders, . . . . .	2 00
Light buff, with gilt or red borders, . . . . .	2 00
Dark buff, do do . . . . .	2 00
Gray, do do . . . . .	2 00
Per hundred, 25 cents.	

## BON-TON CARDS.

White, gray, light buff, and dark buff, gilt, arch top and oval openings, . . . . . per 1000, \$3 25

For printing name and address, per 1000, on ferrotype, bon-ton, card, victoria, cabinet, and stereoscopic mounts:

	In lots of 1000.	2000.	3000.	5000.	10,000.
Card mounts, . . . . .	\$1 00	\$0 75	\$0 75	\$0 75	\$0 70
Victoria mounts, . . . . .	1 50	1 12	1 12	90	90
Stereoscopic mounts, . . . . .	1 50	1 12	1 12	90	90
Cabinet mounts, . . . . .	1 50	1 12	1 12	90	90

For 500 or less, \$1 00 for each lot.

Printed in Gilt, double the above prices.

For printing name and address (by lithography), per 1000, on card mounts, victoria mounts, and cabinet cards:

	In lots of 3000.	5000.	10,000.	15, 20, or 25,000.
Card mounts, . . . . .	\$2 00	\$1 62	\$1 37	\$1 10
Victoria mounts, . . . . .	2 25	1 88	1 62	1 40
Cabinet cards, . . . . .	3 00	2 60	2 37	2 25

To the charge for the *first* order of cards printed by lithography will be added the cost of engraving, varying in amount from \$6.00 to \$25.00, according to the character of the design.

New designs furnished if desired.

Special prices on large orders, which will be furnished on application.

## PHOTOGRAPH FRAMES.

—WITH RICH GILT METALLIC LINING.—

## OVALS.—PER DOZEN.

SIZE OF FRAME.	No. 1.	No. 2. 2 to 2 $\frac{1}{8}$ inch.	No. 3. 2 $\frac{1}{4}$ to 2 $\frac{1}{8}$ inch.	No. 4. 2 $\frac{1}{2}$ to 2 $\frac{3}{8}$ inch.	No. 5. 2 $\frac{3}{4}$ to 3 inch.	No. 8. 3 $\frac{3}{8}$ to 4, inch.
4 x 5	. . .	5 00	. . .	. . .	. . .	. . .
5 $\frac{1}{2}$ x 6 $\frac{1}{2}$	. . .	5 80	. . .	. . .	. . .	. . .
6 $\frac{1}{2}$ x 8 $\frac{1}{2}$	. . .	7 20	. . .	. . .	. . .	. . .
7 x 9	. . .	8 00	. . .	. . .	. . .	. . .
8 x 10	8 40	9 20	10 00	10 80	14 00	. . .
10 x 12	. . .	10 80	12 40	13 18	15 60	. . .
11 x 14	. . .	. . .	14 00	14 00	17 60	. . .
12 x 15	. . .	. . .	16 00	18 00	19 40	. . .
13 x 16	. . .	. . .	18 00	19 40	21 60	. . .
14 x 17	. . .	. . .	19 40	21 60	23 60	27 20
16 x 20	. . .	. . .	. . .	. . .	30 00	32 80
18 x 22	. . .	. . .	. . .	. . .	. . .	38 40
20 x 24	. . .	. . .	. . .	. . .	. . .	46 40

We are now manufacturing an Oval Frame with a RICH METAL LINING, which *will not get black, crack, or fall out*—unsurpassed in regard to beauty, durability and brilliancy by anything heretofore introduced. These Linings are put into Black Walnut Frames, the lumber for which is selected especially for them, and finished with a HIGH FRENCH POLISH, showing all the natural beautiful *grain of the wood*.

The Frames are one size HEAVIER than the same No. in GILT LININGS; that is to say, No. 3 with Metal Lining is as large as No. 4 in Gilt Lining.



SOLID BLACK-WALNUT OVALS.  
WITH SLIP INSIDES. (Continued.)

Width, including Gilt.	No. 10.	No. 11.	No. 18.	N. 12 $\frac{1}{2}$ .	No. 1 $\frac{1}{2}$ .	No. 2 $\frac{1}{2}$ .	No. 3 $\frac{1}{2}$ .	No. 4 $\frac{1}{2}$ .	No. 5 $\frac{1}{2}$ .
	1 $\frac{3}{4}$ in.	Carved Rustic Pat'rn	2 in. Carved Stem	2 $\frac{1}{2}$ in. Carved Stem	1 $\frac{3}{4}$ in.	2 in.	2 $\frac{1}{4}$ in.	2 $\frac{3}{8}$ in.	2 $\frac{1}{2}$ in.
SIZES	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
3 x 4		8 00							
4 x 5		9 00			6 25				
5 x 7		10 00			6 75				
6 x 8	8 00	11 00			7 75				
7 x 9	8 50	12 00			8 25	9 50			
8 x 10	9 00	13 00	12 00	16 00	8 75	10 00	11 00	12 00	12 50
10 x 12	11 50	16 50	15 00	20 00	11 75	13 00	14 00	15 50	16 50
11 x 14				24 50		16 50	17 50	20 00	21 00
12 x 15				27 00			19 50	22 00	23 00
13 x 16				30 00			21 50	24 00	25 00

The above, with rabbetted insides, \$2.00 per dozen extra. Sizes made to order, 15 per cent. added.

SOLID BLACK-WALNUT OVALS.

WITH GOLD-GILT RABBETTED INSIDES FOR PHOTOGRAPHS, PICTURES, ETC. PRICE PER DOZEN.

Width, including Gilt	No. 3.	No. 5.	No. 6.	No. 7.	N. 7 $\frac{1}{2}$ .	No. 8.	No. 13.	No. 17.	No. 21.
	2 inch.	2 inch.	2 $\frac{1}{4}$ in.	2 $\frac{1}{2}$ in.	2 $\frac{3}{4}$ in.	3 inch.	2 $\frac{1}{2}$ in.	2 $\frac{1}{2}$ in.	2 $\frac{1}{2}$ in.
SIZES	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
8 x 10	11 75		13 50	14 00	14 50	18 50	15 50	15 00	15 00
10 x 12	14 75		17 00	17 50	18 50	22 50	20 00	19 00	19 00
11 x 14	18 75		21 00	22 00	23 00	27 00	25 00	24 00	24 00
12 x 15	20 25		23 00	24 00	25 00	29 00		26 00	26 00
13 x 16	22 25	22 25	25 00	26 00	27 00	31 00	29 00	28 00	28 00
14 x 17	27 00	27 00	30 00	31 00	32 00	36 00	34 00	33 00	33 00
15 x 18	29 00	29 00	32 00	33 00	34 00	38 00		35 00	35 00
16 x 20	32 00	32 00	35 00	36 00	37 00	41 00	39 00	38 00	38 00
17 x 21			37 00	38 00	39 00	43 00		40 00	40 00
18 x 22			39 00	40 00	41 00	45 00	43 00	42 00	42 00
20 x 24			43 00	44 00	45 00	49 00	47 00	46 00	46 00
22 x 27				49 00	50 00	55 00			
25 x 30						61 00			

OVAL FRAMES, WITH RABBETTED INSIDES. (CONTINUED.)

Width, including Gilt.	No. 9.	No. 12.	No. 14.	No. 19.	No. 20.	No. 22.	No. 23.	No. 24.	No. 27.	No. 28.	No. 29.
	3 $\frac{1}{4}$ inch Mat inside.	Carved Stem.	Carved Stem.	Carved Stem. Extra Heavy.	Carved Rope Pattern.	Carved Double Rope Pattern.	With three Ebony Stripes.	With Ebony Stripes.	With three Ebony Stripes.	Ebony Stripes, Gilt line and Engr'd Centres.	Carved Stem, Ebony Stripes, Gilt line and Engr'd Centres.
SIZES	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
8 x 10	27 00	19 00	22 50	19 00	16 00	21 00	20 00	22 50	20 00	4 00	96 00
10 x 12	33 00	24 00	28 00	24 00	20 50	26 00	25 00	27 50	25 00	4 00	104 00
11 x 14	39 00	30 00	34 00	30 00	26 50	32 00	31 00	33 50	31 00	4 00	114 00
12 x 15	43 00							40 00	37 00	4 00	96 00
13 x 16	47 00	36 00	40 00	36 00	32 00	38 00	38 00	40 00	37 00	4 00	104 00
14 x 17	54 00	42 00	46 00	42 00	38 00	44 00	43 00	46 00	43 00	4 00	114 00
15 x 18	58 00	48 00	52 00	48 00	40 00	46 00	45 00	52 00	49 00	4 00	124 00
16 x 20	64 00	54 00	58 00	54 00	44 00	50 00	49 00	58 00	55 00	4 00	132 00
17 x 21	68 00	60 00	64 00	60 00	48 00	54 00	53 00	64 00	61 00	4 00	144 00
18 x 22	72 00	66 00	70 00	66 00	52 00	58 00	57 00	70 00	67 00	4 00	156 00
20 x 24	78 00	72 00	76 00	72 00	56 00	62 00	61 00	76 00	73 00	4 00	166 00
22 x 27	90 00	84 00	88 00	84 00	60 00	66 00	65 00	84 00	81 00	4 00	188 00
25 x 30	102 00	96 00	100 00	96 00	64 00	70 00	69 00	96 00	93 00	4 00	200 00

Sizes made to order, 15 per cent. added. Nos. 12, 13, 14, 17, 19, 20, 21, and 24, have raised insides from front.

SQUARE FRAMES, POLISHED WALNUT AND GILT INSIDES.

PRICE EACH.

SIZES.	No. 3½. ½ inch. Walnut and ½ inch Gilt.	No. 148. 1 inch Walnut and ½ inch Gilt.	No. 149. 1½ inch Walnut and ½ inch Gilt.	No. 150. 2 inch Walnut and ½ inch Gilt.	No. 6. 2¼ inch Walnut and ¾ inch Gilt.	No. 200. 2½ inch Walnut and ¾ inch Gilt.	No. 46. 3 inch Walnut and ¾ inch Gilt.	No. 84. 3½ inch Walnut and ¾ inch Gilt.	No. 86. 4 inch Walnut and ¾ inch Gilt.
	6x8	\$0 24	\$0 29	\$0 44	\$0 61	\$0 89	.....	.....	.....
7x9	27	32	48	66	97	.....	.....	.....	.....
8x10	29	35	52	72	1 04	\$1 10	\$1 30	.....	.....
9x11	32	38	56	77	1 12	1 18	1 40	.....	.....
10x12	34	41	60	83	1 19	1 26	1 49	.....	.....
11x14	38	45	66	91	1 31	1 38	1 63	\$2 34	.....
12x16	42	50	72	99	1 42	1 50	1 78	2 53	\$2 83
13x16	43	51	74	1 02	1 46	1 54	1 83	2 59	2 88
14x17	.....	54	78	1 07	1 53	1 62	1 92	2 72	3 04
14x18	.....	56	80	1 10	1 57	1 66	1 97	2 78	3 11
15x18	.....	.....	82	1 13	1 61	1 70	2 02	2 84	3 18
16x20	.....	.....	88	1 21	1 72	1 82	2 16	3 03	3 39
17x21	.....	.....	92	1 27	1 79	1 90	2 25	3 15	3 53
18x22	.....	.....	96	1 32	1 87	1 98	2 35	3 28	3 67
18x24	.....	.....	1 00	1 38	1 94	2 06	2 44	3 40	3 81
20x24	.....	.....	1 04	1 43	2 02	2 14	2 54	3 53	3 95
20x26	.....	.....	1 08	1 49	2 09	2 22	2 63	3 65	4 09
22x28	.....	.....	1 16	1 60	2 24	2 38	2 82	3 90	4 47
20x30	.....	.....	.....	.....	2 24	2 38	2 82	3 90	4 47
24x30	.....	.....	.....	.....	2 39	2 54	3 01	4 15	4 75
24x32	.....	.....	.....	.....	2 47	2 62	3 11	4 28	4 89
26x34	.....	.....	.....	.....	2 62	2 78	3 30	4 53	5 17
28x36	.....	.....	.....	.....	2 77	2 94	3 49	4 78	5 45
30x40	.....	.....	.....	.....	2 99	3 18	3 78	5 15	5 87

The above gives prices of the leading styles of Plain Polished Walnut Frames. If the above are ordered of oiled walnut, prices will be about 15 per cent less. We can also furnish square frames from all the patterns quoted in moulding list, comprising oiled and polished walnut, walnut and ebony, carved, &c.

CIRCULAR FRAMES FOR PICTURES, &c.

WITH GOLD GILT SLIP INSIDES. PRICE, PER DOZEN.

Width, including Gilt.	No. 0.	No. 1.	No. 2½.	No. 3½.	No. 4½.	No. 6.	No. 6½.	No. 7.	No. 10.
	1½ in.	1½ in.	2 in.	2¼ in.	2¾ in.	2¼ in.	2 in.	2½ in.	1¾ in.
SIZES.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
5 in.	5 50	.....	.....	.....	.....	.....	.....	.....	.....
6 "	5 75	.....	.....	.....	.....	.....	.....	.....	.....
7 "	6 00	.....	.....	.....	.....	.....	.....	.....	.....
8 "	6 50	7 00	9 00	.....	.....	.....	9 00	.....	8 00
10 "	7 75	8 25	11 00	12 50	13 25	13 00	11 00	13 25	9 75
12 "	.....	9 75	12 75	14 25	15 50	15 25	12 75	15 50	11 25
14 "	.....	11 25	14 50	16 25	17 50	17 25	14 50	17 50	13 00

The above, with rabbeted insides, \$2 per dozen extra.

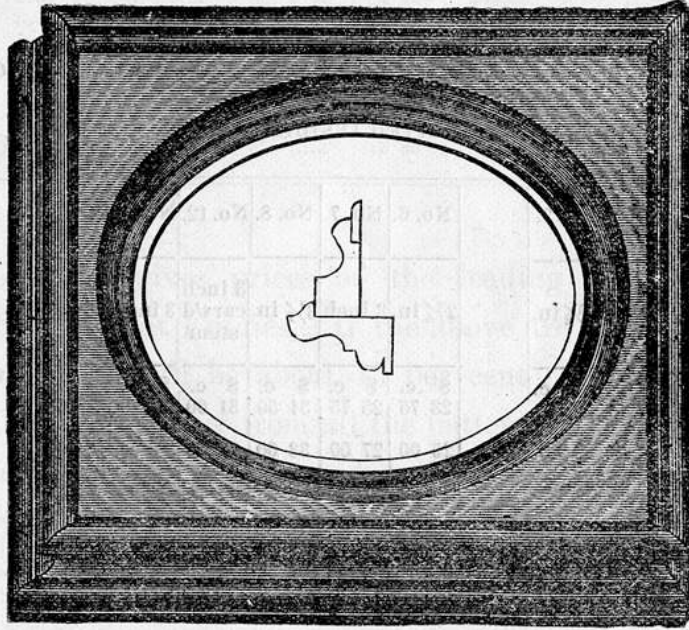
CIRCULAR FRAMES FOR PICTURES, &c.

WITH GOLD GILT RABBETED INSIDES. PRICE, PER DOZEN.

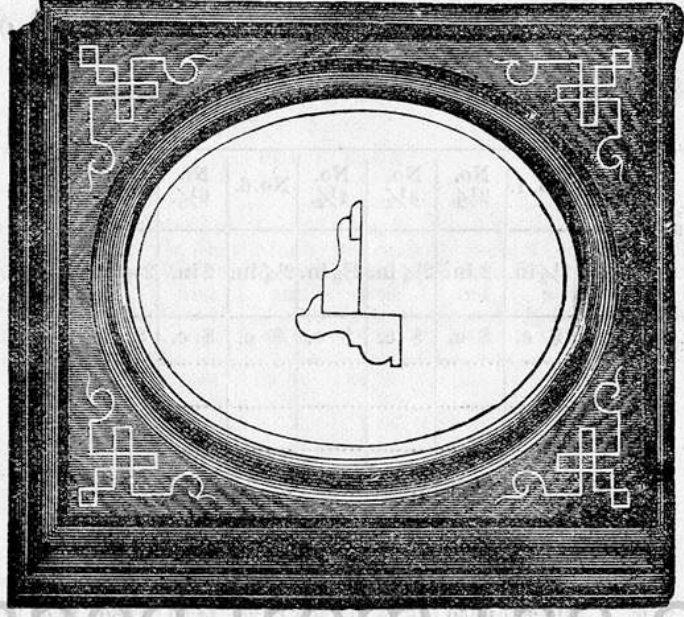
Width, including Gilt.	No. 1.	No. 3.	No. 6.	No. 7.	No. 8.	No. 12.	No. 13.	No. 21.	No. 24½.
	2 inch	2½ in.	2¾ in.	3 inch	3½ in.	3 inch carv'd stem.	3 inch	3 inch	3½ in. ebony eng'd centres
SIZES.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
15 in.	17 50	20 00	23 75	25 75	31 50	31 00	27 50	27 50	46 50
16 "	19 00	21 00	25 00	27 00	33 00	32 50	29 00	29 00	49 00
18 "	21 00	23 25	27 50	29 75	36 75	35 75	31 75	31 75	54 50
20 "	23 00	25 75	30 25	32 50	40 00	39 00	34 75	34 75	59 25

Sizes made to order 15 per cent. added.

SPECIMEN PATTERNS OF No. 30.



No. 30-Patt. A.



No. 30-Patt. F.

See Page 131.

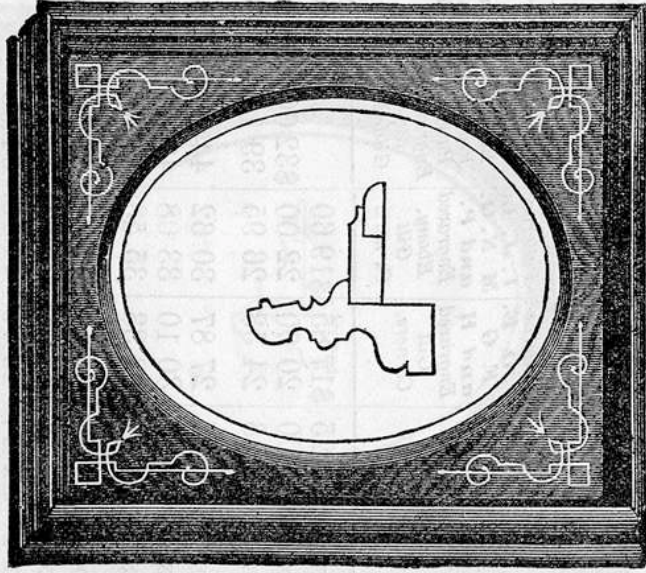
SOLID OVAL FRAMES, FOR PHOTOGRAPHS, PICTURES, &c.

WITH BURNISHED GOLD BEAD INSIDES AND SQUARE BACKS.

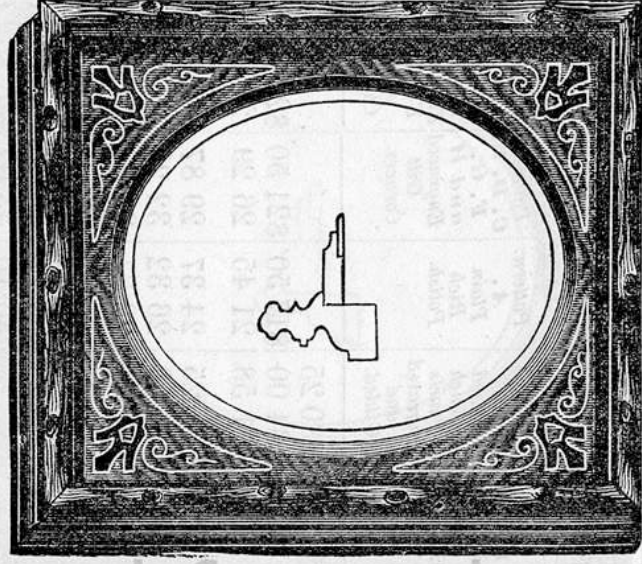
PER DOZ.

SIZES.	No. 30.			No. 31½.			No. 131.		
	Pattern A. Plain Rich Polish.	Patterns C. D. E. and H Engraved Gilt Corners.	Pattern K. Raised French Panels Engraved and Gilded.	Pattern A. Plain Rich Polish.	Patterns C. D. E. and H Engraved Gilt Corners.	Pattern K. Raised French Panels Engraved and Gilded.	Patterns I. J. L. M. N. O. and P Engraved Ebony and Gilt Corners.	Patterns I. J. L. M. N. O. and P Engraved Ebony and Gilt Corners.	Patterns I. J. L. M. N. O. and P Engraved Ebony & Gilt Corners.
7 x 9	\$14 25	\$17 85	\$19 60	\$16 00	\$19 60	\$30 25	\$21 35	\$23 50	\$33 50
8 x 10	16 00	20 00	22 00	18 00	22 00	34 00	24 00	28 65	41 00
10 x 12	19 58	24 53	26 95	22 00	26 95	41 58	29 37	29 87	46 63
11 x 14	22 25	27 87	30 62	25 00	30 62	47 25	33 38	32 50	50 36
12 x 15	24 03	30 10	33 08	27 00	33 07	51 00	36 00	32 25	54 00
13 x 16	25 81	32 33	35 53	29 00	35 50	54 81	38 75	34 65	57 82
14 x 17	27 59	34 56	37 98	31 00	38 00	58 59	41 40	37 04	61 55
15 x 18	29 37	36 80	40 43					39 43	67 15
16 x 20	32 04	40 15	44 10					43 02	74 60
18 x 22								47 80	82 05
20 x 24								52 58	
								57 50	

SPECIMEN PATTERNS OF Nos. 31 & 31½.



No. 31-Patt. C.  
See Page 133.



No. 31½-Patt. O.  
See Page 131.

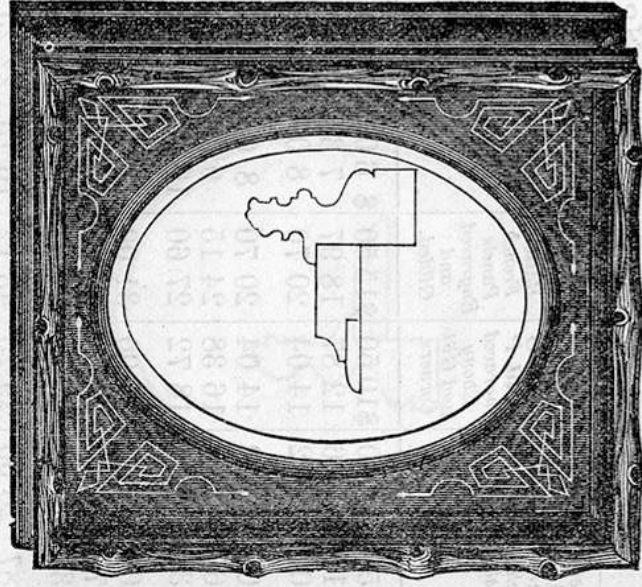
SOLID OVAL FRAMES, FOR PHOTOGRAPHS, PICTURES, &c.

BURNISHED GOLD BEAD INSIDES, WITH SQUARE BACKS. PER DOZ.

SIZES.	No. 31.			No. 37.			No. 32.			
	Pattern A Plain Rich Polish.	Patterns C D E F G H and P Engraved Gilt Corners.	Pattern K Raised French Panels Engraved and Gilt.	Pattern A Plain Rich Polish.	Patterns C D E F G H and P Engraved Gilt Corners.	Pattern K Raised French Panels Engraved and Gilt.	Pattern A Plain Rich Polish.	Patterns C D E F G H and P Engraved Gilt Corners.	Patterns I J L M N O and P Engraved Ebony and Gilt Corners.	Pattern K Raised French Panels Engraved and Gilt.
4 x 5	\$ 7 50	\$ 9 50	\$15 50	\$ 6 00	\$8 00	\$14 00	\$17 00	\$20 50	\$22 25	\$32 00
5 x 6	9 18	11 66	18 97	7 37	9 79	17 16	19 00	23 00	25 00	36 00
5½ x 6½	10 02	12 72	20 70	8 04	10 68	18 72	23 35	28 15	30 55	44 00
5 x 7	10 02	12 72	20 70	8 04	10 68	18 72	26 50	32 00	34 75	50 00
6 x 8	11 69	14 84	24 15	9 38	12 46	21 86	28 65	34 55	37 55	54 00
7 x 9	13 36	16 96	27 60	10 72	14 24	24 98	30 75	37 15	40 30	58 00
8 x 10	15 00	19 00	31 00	12 00	16 00	28 00	32 85	39 70	43 10	62 00
9 x 11	16 70	21 20	34 50	13 40	17 80	31 20	35 00	42 25	45 85	66 00
10 x 12	18 37	23 32	37 95	14 74	19 58	34 32	38 15	46 05	50 05	72 00
11 x 14	20 87	26 50	43 12	16 75	22 25	39 00	42 40	51 20	55 60	80 00
12 x 15	22 54	28 62	46 57	18 09	24 03	42 12	46 65	56 35	61 15	88 00
13 x 16	24 21	30 74	50 00	19 43	25 81	45 24				
14 x 17	25 88	32 86	53 47							

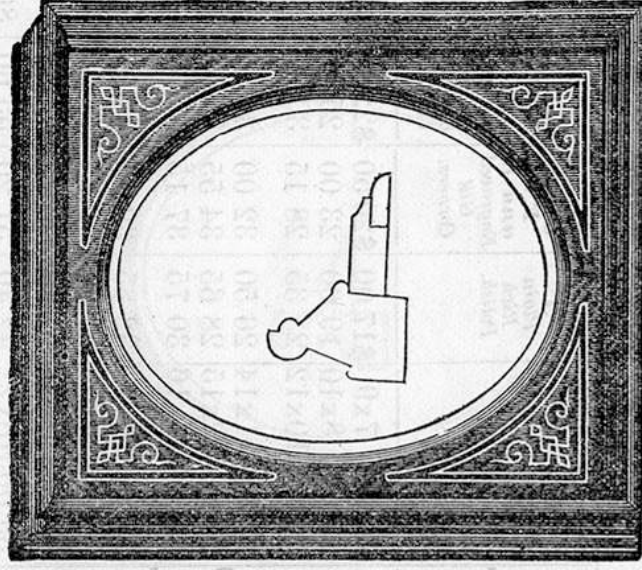


SPECIMEN PATTERNS OF Nos. 31½ & 37.



No. 31½—Patt. G.

See Page 131.



No. 37—Patt. I.

See Page 133.

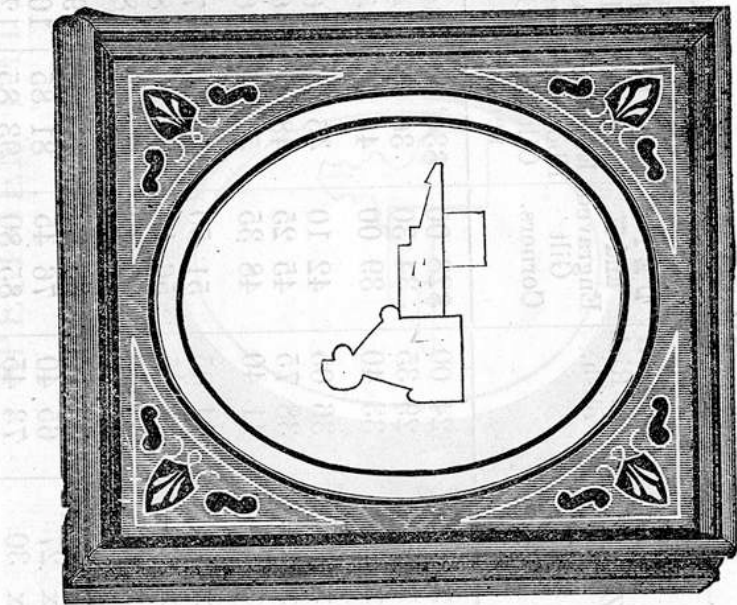
SOLID OVAL FRAMES, FOR PHOTOGRAPHS, PICTURES, &c.

No. 33.

No. 120.

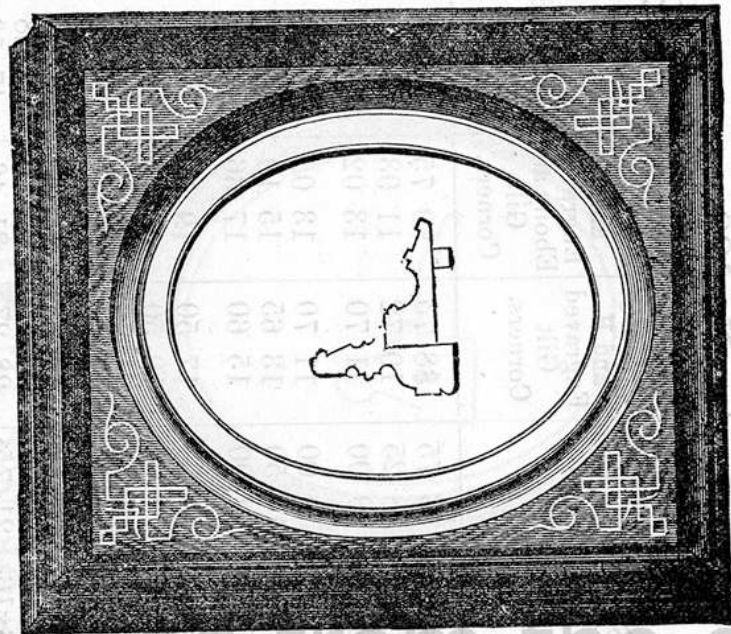
SIZES.	No. 33.			SIZES.	No. 120.			
	Pattern A Plain Rich Polish.	Patterns C DEFG and H Engraved Gilt Corners.	Patterns I JLMNO and P Engraved Ebony and Gilt Cor- ners.		Pattern K Raised French Panels En- graved and Gilded.	Pattern A Plain Rich Polish.	Patterns C DEFG and H Engraved Gilt Corners.	Patterns I JLMNO and P Engraved Ebony and Gilt Corners.
8 x 10	\$24 00	\$28 00	\$30 00	4x5	\$6 75	\$8 75	\$9 75	\$14 75
10 x 12	29 35	34 30	36 75	5x6	8 25	10 72	11 93	18 04
11 x 14	33 40	39 00	41 75	5½x6½	9 00	11 70	13 02	19 68
12 x 15	36 05	42 10	45 10	5x7	9 00	11 70	13 02	19 68
13 x 16	38 75	45 25	48 45	6x8	10 50	13 65	15 19	22 96
14 x 17	41 40	48 35	51 75	7x9	12 00	15 60	17 36	26 24
15 x 18	44 05	51 50	55 10	8x10	13 50	17 50	19 50	29 50
16 x 20	48 05	56 15	60 10	9x11	15 00	19 50	21 70	32 80
18 x 22	53 40	62 40	66 80	10x12	16 50	21 45	23 87	36 08
20 x 24	58 75	68 65	73 50	11x14	18 75	24 37	27 12	41 00
22 x 27	65 40	76 45	81 85	12x15	20 25	26 32	29 29	44 28
25 x 30	73 45	85 80	93 85	13x16	21 75	28 27	31 46	47 56

SPECIMEN PATTERNS OF Nos. 120 & 131.



No. 120.—Patt. N.

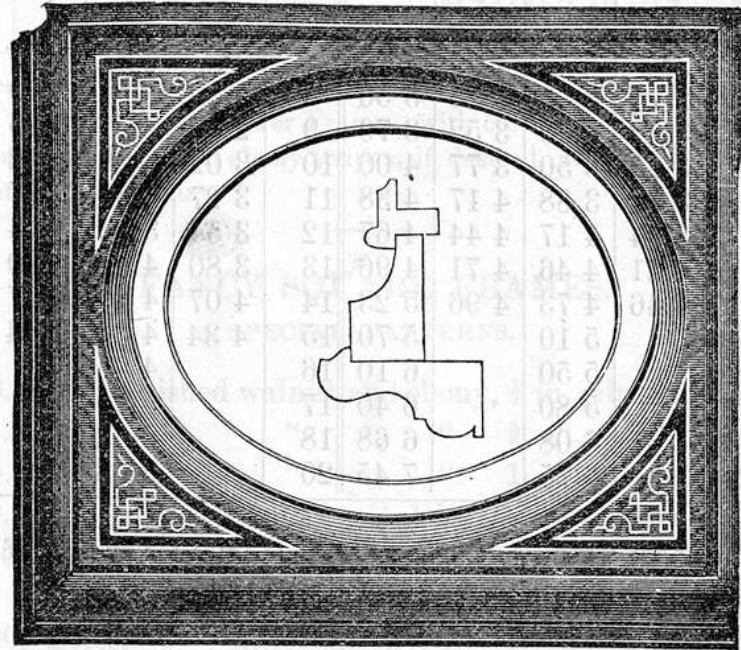
See Page 135.



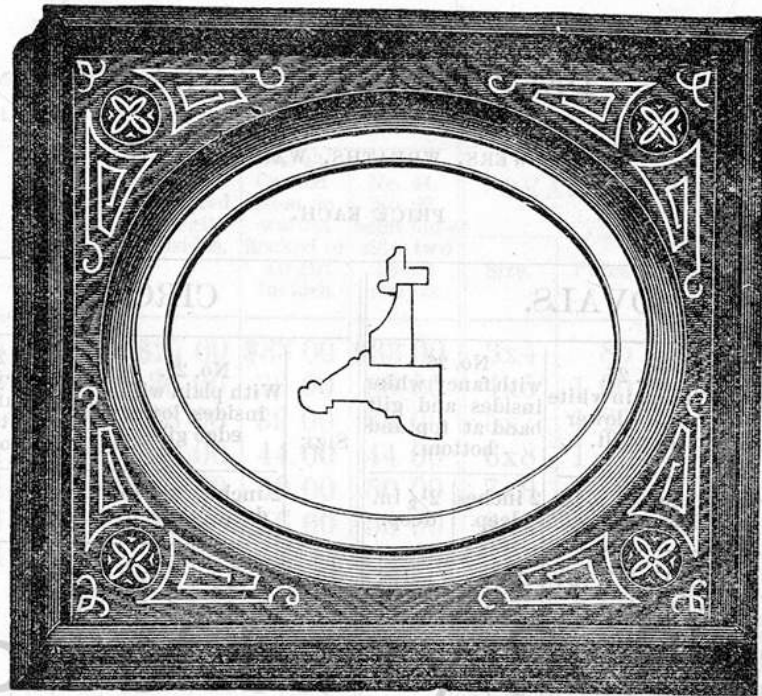
No. 131—Patt. F.

See Page 131.

SPECIMEN PATTERNS OF Nos. 32 & 33.



See Page 133. No. 32—Patt. I.



See Page 135. No. 33—Patt. I.

DEEP DOUBLE FRAMES.

FOR FLOWERS, WREATHS, WAXWORK, ETC.

PRICE EACH.

OVALS.				CIRCLES.					
SIZE.	No. 25. With plain white insides, lower edge gilt.		No. 26. with fancy white insides and gilt band at top and bottom.		SIZE	No. 25. With plain white insides, lower edge gilt.		No. 26. with fancy white insides and gilt band at top and bottom.	
	2 inches deep.	2½ in. deep.	2 inches deep.	2½ in. deep.		2 inches deep.	2½ in. deep.	2 inches deep.	2½ in. deep.
3x4	1 25	1 38	1 55	1 68	3 in	1 15	1 25	1 45	1 55
4x5	1 50	1 64	1 80	1 94	4	1 40	1 50	1 70	1 80
5x7	1 75	1 95	2 05	2 25	5	1 65	1 75	1 95	2 05
6x8	2 00		2 30		6	1 90		2 20	2 35
7x9	2 25		2 55		7	2 15		2 45	2 60
8x10	2 75	3 00	3 25	3 50	8	2 50	3 inches deep.	3 00	
9x11	3 02	3 20	3 52	3 70	9	2 75	3 inches deep.	3 25	
10x12	3 25	3 50	3 77	4 00	10	3 02	3 inches deep.	3 52	3 72
11x14	3 67	3 88	4 17	4 38	11	3 27	3 inches deep.	3 77	4 00
12x15	3 94	4 17	4 44	4 67	12	3 54	3 inches deep.	4 04	4 26
13x16	4 21	4 46	4 71	4 96	13	3 80	3 inches deep.	4 30	4 52
14x17	4 46	4 73	4 96	5 23	14	4 07	3 inches deep.	4 57	4 80
15x18		5 10		5 70	15	4 34	3 inches deep.	4 84	5 09
16x20		5 50		6 10	16		3 inches deep.	4 95	5 55
17x21		5 80		6 40	17		3 inches deep.	5 25	5 85
18x22		6 08		6 68	18		3 inches deep.	5 52	6 12
20x24		6 75		7 45	20		3 inches deep.	6 08	6 78

The above when made deeper, 50 cents extra for every half inch

Sizes made to order, not on above list, 15 per cent. added.

DOUBLE FRAMES.

FOR PORCELAIN PICTURES OR SMALL  
RAISED WORK. PRICE PER DOZ.

SIZE.	No. 40. With all gold insides	No. 41. Flocked and gilt insides.	No. 43. Carved stem on walnut flocked or all gilt insides.	No. 44. No. 92 band out- side, two ebony stripes.
4½x5½	\$27 00	\$27 00	\$33 00	\$33 00
6½x8½	30 00	30 00	36 00	36 00
8x10	33 00	33 00	39 00	39 00
10x12	38 00	38 00	44 00	44 00
11x14	44 00	44 00	50 00	50 00
13x16	50 00	50 00	56 00	56 00
14x17	56 00	56 00	62 00	62 00

DEEP SINGLE FRAMES.

WITH GILT SLIP INSIDES.  
PRICE EACH.

OVALS.		CIRCLES.	
Size.	Price.	Size.	Price.
3x4	85	3 in.	75
4x5	1 00	4 "	90
5x7	1 27	5 "	1 15
6x8	1 47	6 "	1 30
7x9	1 65	7 "	1 45
8x10	1 85	8 "	1 60
9x11	2 02	9 "	1 75
10x12	2 22	10 "	1 90
11x14	2 50	11 "	2 10
12x15	2 70	12 "	2 30
13x16	2 90	13 "	2 55
14x17	3 10	14 "	2 80
15x18	3 30	15 "	3 10

Sizes made to order, not on above list, 15 per cent. added.

We make to order Flower Frames, with carved rustic stem on top edge, and finished with ebony stripes, if desired, and which cost from 50 cents to \$1.50 extra.

FANCY SQUARE FRAMES.

SPECIAL PATTERNS.

	Per Doz.
No. 6. 1½ in. polished walnut and ebony, ½ in. gilt, 8x10,	\$4 50
" 6. M's 2 in. " " " 5/8 " 8x10,	5 50
" 6. M's 2 in. " " " 1 " 8x10,	6 50
" 30. 2 in. carved, polished wal. 1 in. stencil gilt, 8x10,	10 00
" 530. 2½ inch polished walnut and ebony, enameled, inside, ¾ inch gilt, . . . . .	18 00
" 530. Ditto. ditto, engraved, . . . . .	24 00

No. 0 H M's, walnut, velvet, $\frac{3}{4}$ in. gilt, . . .	\$12 00
" 2 H M's, walnut gilt, 1 in. gilt, very fine, . . .	18 00
" 3 H M's carved walnut and ebony, gilt, velvet, and 1 inch gilt, very fine, . . .	24 00

## WALNUT MOULDINGS FOR PICTURE FRAMES.

Number.	Width.	PRICE, PER 100 FEET.		P. C. & N. C. Polished and Ebony.
		Plain.	Polished.	
306 $\frac{1}{2}$	1 $\frac{1}{2}$	-	-	\$12 60
254 $\frac{1}{2}$	2	-	-	14 40
253 $\frac{1}{2}$	2 $\frac{1}{2}$	-	-	18 00
252 $\frac{1}{2}$	3	-	-	21 60
255 $\frac{1}{2}$	4	-	-	28 80
306	1 $\frac{1}{2}$	\$7 20	-	-
254	2	9 00	-	-
253	2 $\frac{1}{2}$	11 25	-	-
252	3	13 50	-	-
255	4	18 00	-	-
334	2	-	11 70	-
355	3	-	17 10	-

## WALNUT MOULDINGS FOR PICTURE FRAMES, &amp;c.

Number.	Width.	PRICE, PER 100 FEET.		
		Plain.	Polished.	Polished and Ebony.
148	1 in.	\$2 25	\$4 25	\$6 25
149	1 $\frac{1}{2}$	4 25	7 00	9 00
150	2	5 91	9 85	11 85
200	2 $\frac{1}{2}$	7 81	12 68	14 65
201	3	10 35	16 90	18 90
206	1 $\frac{1}{2}$	5 00	8 00	10 00
207	2	7 81	12 68	14 65
208	2 $\frac{1}{2}$	9 20	15 03	17 10
24	1	2 25	4 25	-
28	1 $\frac{1}{2}$	4 25	7 00	-
32	2	6 75	11 25	-
42	2 $\frac{1}{2}$	8 40	13 65	15 65

Number.	Width.	Plain.	Polished.	Polished and Ebony.
46	3	10 65	17 35	19 35
84	3 $\frac{1}{2}$	12 00	19 75	21 75
86	4	15 75	25 82	27 82
303	1 $\frac{1}{2}$	7 25	11 75	13 75
310	2	7 81	12 68	14 65
302	1 $\frac{1}{2}$	5 60	8 94	10 88
305	2	6 69	10 88	12 85
307	2 $\frac{1}{2}$	8 60	14 10	16 10
248	1 $\frac{1}{2}$	5 60	8 94	9 94
249	2	7 81	12 68	13 65
250	3	10 65	17 35	19 35
15	1	2 25	4 25	6 25
356	2 $\frac{1}{2}$	9 50	15 50	17 50
3	$\frac{3}{4}$	2 00	4 00	-

## MOULDINGS FOR RUSTIC FRAMES, &amp;c.

PRICE PER 100 FEET.					
Number.	Width.	Plain.	Number.	Width.	Plain.
50	1 in.	2 00	53	$\frac{5}{8}$ in.	1 50
51	1 $\frac{1}{4}$	2 50	37	$\frac{5}{8}$	1 50
52	$\frac{3}{4}$	1 75	38	$\frac{7}{8}$	1 75

## WALNUT MOULDINGS, CARVED TOP, FOR PICTURE FRAMES.

PRICE, PER 100 FEET.				
Number.	Width.	Plain.	Polished.	Polished and ebony.
57	3 in.	\$16 90	\$25 13	\$28 13
59	4	25 63	38 38	41 38
61	5	32 06	46 00	49 00
82	2	9 20	13 32	15 32
260	2 $\frac{1}{2}$	11 35	16 60	-
304	2	9 75	13 85	15 85
306	2 $\frac{1}{2}$	11 66	17 10	19 10
308	3	14 65	21 38	23 38
330	2	11 85	16 70	-

Band Mouldings for Solid Ovals, Spandrels, Combination Frames, &c.

PRICE, PER 100 FEET.

Number.	Depth.	Plain.	Polished.	Polished and ebony
89	2¼ inch.	\$5 60	\$9 00	\$11 00
90	2¼ "	8 60	12 00	14 00
91	2 "	5 06	8 50	10 50
92	2½ "	7 30	13 65	15 65
92½	2½ "	11 35	17 35	19 35
93	3 "	15 75	22 00	25 00
94	3 "	20 65	27 00	30 00
95	4 "	13 00	22 00	25 00
96	4 "	14 50	24 00	26 00

BERLIN GILT INSIDES FOR SQUARE FRAMES.

PRICE, PER 100 FEET.

No.	Width.	Plain.	Stenciled.	No.	Width.	Plain.	Stenciled.
180	3 in.	\$31 50	\$40 00	189	1 in.	\$ 7 50	
184	½ "	3 00		190	1½ "	11 25	
185	⅝ "	3 50		193	1 "	7 00	\$11 00
186	¾ "	4 00		194	1½ "	12 00	17 00
187	1 "	6 00		195	1½ "	12 00	17 50
188	1½ "	9 00		196	2 "	16 00	22 00

Nos. 180, 195 and 196 are made especially to be used with walnut band mouldings.

DISCOUNTS

ON FOLLOWING NAMED GOODS, FOR QUANTITY AND CASH.

Pages 126, 127, 138.—Oval and Circular frames, for orders of \$25 or more, . . . . . 5 per cent.

Pages 138, 139.—Deep Double, Deep Single, and Porcelain Frames, for orders of \$25 or more, 5 "

Pages 140, 141, 142.—Walnut Mouldings and Gilt Insides, in quantities of 500 feet of one kind, or 1000 feet assorted, walnut, . . . . . 5 "

Page 125.—Square and Rustic Frames, for orders of \$25 or more, . . . . . 5 per cent.

Pages 131, 133, 135.—Solid Ovals, Circles and Spandrels, for orders of \$25 or more, . . . . . 5 "

An extra five per cent. discount will be allowed on all bills when the money accompanies the order.

Parties ordering goods to the amount of \$75 00 at one time an extra five per cent. over and above all other discounts will be made.

Customers will please notice that the above discounts apply ONLY to such goods as are named above, and NOT to any other goods they may purchase of me.

GILT MOULDINGS.

Width.	Per foot.
1 inch, plain,	5 cts.
1½ do	7½ "
2 do	10 "
2½ do	12½ "
3 do	15 "
3½ do	19¼ "

GILT MOULDINGS.

Width.	Per foot.	Width	Per foot.
4 in., plain,	22 cts.	1½ in., fluted,	15 cts.
1½ " Tracy, plain	12 "	2 " " . . . . .	20 "
2 " " " . . . . .	16 "	2½ " " . . . . .	25 "
2½ " " " . . . . .	20 "	3 " " . . . . .	30 "
3 " " " . . . . .	24 "	3½ " " . . . . .	36 "
3½ " " " . . . . .	28 "	4 " " . . . . .	40 "
4 " " " . . . . .	32 "	4½ " " . . . . .	46 "

IMITATION BLACK WALNUT OVALS.

No.	Size.	Width of Moulding. Inches.	Per Dozen.
No. 107	8 x 10	2	\$3 00
93	do	2 $\frac{3}{8}$	6 00
40	do	2 $\frac{1}{2}$ 3 ebony lines,	6 00
15 $\frac{1}{2}$	do	2 $\frac{1}{4}$	3 00
8	8 x 10	2 $\frac{1}{2}$	2 40
93	10 x 12	2 $\frac{5}{8}$	10 40
93	11 x 14	2 $\frac{5}{8}$	15 00
93	13 x 16	2 $\frac{5}{8}$	16 75

IMITATION ROSEWOOD AND GILT FRAMES.

No.	Size.	Width of Moulding. Inches.	Per dozen.
No. 2 $\frac{1}{2}$	8 x 10	2 $\frac{1}{4}$	\$2 40
24 Plain	do	2 $\frac{1}{2}$	6 60

Square imitation rosewood and gilt Frames, all widths of mouldings, furnished to order. Special prices for orders of 100 frames, oval or square.

PICTURE CORD.

SUPERIOR QUALITY—PER PIECE OF 25 YARDS.

No. 1	\$0 45	No. 6	\$1 25
2	50	7	1 35
3	60	8	1 50
4	80	9	1 85
5	1 00	10	2 35

TINNED AND GOLD PLATED PICTURE CORD.

No.	Description	Per yard.	Cts.
No. 6	Tinned		2 $\frac{1}{4}$
5	do		4 $\frac{1}{2}$
4	do		6 $\frac{3}{4}$
6	Coarse wire, gold plated,		11 $\frac{1}{4}$
5	do		13 $\frac{1}{2}$
4	do		15 $\frac{3}{4}$
6	Fine wire, gold plated,		6 $\frac{3}{4}$
5	do		15
4	do		30

CORDS AND TASSELS.

FINE QUALITY—PER DOZEN.

No. 2 $\frac{1}{2}$	\$2 50	No. 13	\$7 00
3	4 50	14	10 00
4	5 35		

PICTURE-FRAME BACKING.

BACK BOARDS, IN LENGTHS.

Inch.	Inches wide.	Per 100 feet.
$\frac{1}{8}$	under 10	\$1 25
$\frac{1}{8}$	from 11 to 14	1 40
$\frac{1}{8}$	do 15 to 18	1 60
$\frac{1}{8}$	do 19 to 22	1 80
$\frac{1}{4}$	under 12	2 30
$\frac{1}{4}$	from 11 to 14	2 60
$\frac{1}{4}$	do 15 to 18	3 00
$\frac{1}{4}$	do 19 to 22	3 50

In quantities less than 100 feet 10 per cent. added.

OVAL AND SQUARE BACK-BOARDS.

PER 100.

Size.	Oval.	Square.	Size.	Oval.	Square.
6 x 8	\$0 85	\$0 80	14 x 17	\$3 50	\$3 00
7 x 9	85	80	15 x 18	4 00	3 50
8 x 10	85	80	16 x 20	4 75	4 25
10 x 12	1 25	1 10	18 x 22	5 50	5 00
11 x 14	2 00	1 87	20 x 24	6 25	5 75
12 x 15	2 50	2 25	22 x 27	7 50	7 00
13 x 16	3 00	2 75	25 x 30	9 00	8 50

In quantities less than one hundred, 10 per cent. added.

FINISHING NAILS.

(FOR JOINING.)

$\frac{3}{4}$ inch	18 cents per pound papers.
$\frac{7}{8}$ inch and longer	15 do do

## SCREW EYES.

No.	Per gross.	No.	Per gross.
No. 114	\$0 30	No. 109	\$0 70
113	35	108	85
112	40	107	1 00
111	50	106	1 13
110	60		

The above constitute all the sizes necessary for hanging pictures, &c. A large stock kept on hand.

## PATENT NEW STYLE PICTURE NAILS.

No.	Description	Inches.	Per gross.
No. 10	Porcelain head	2½	\$3 25
11	do	2½	3 50
13	do	3	3 75
8	do plain rim,	2	2 15
9	do do	2	2 15
9	do do	2½	2 25
3	do fancy rim,	2½	3 40
3	do do	3	3 50
3	do fancy plated rim,	2½	3 75
3	do do do	3	3 85
9	Ruby head, plain rim,	2½	2 87
9	do do	3	3 00
9	Blue, do do	2½	2 87
9	do do	3	3 00
23	Crystal star,	2	3 50
20	do rosette,	2½	3 90
20	do do plated,	2½	4 25
21	do rose,	2½	3 90
21	do do plated,	2½	4 25
22	do ruby rose,	2½	4 25
22	do do plated,	2½	4 45
5	Medium head, white,	3	4 40
5	do do	3	4 65
5	do ruby and blue,	2½	5 00
5	do blue,	3	5 25
5	do do plated,	2½	5 40
5	do do	3	5 75

## PICTURE POINTS.

¾ inch, . . . . . 25 cents per pound.

The above are used extensively for tacking in backs of picture frames, &c.

## BRASS-HEAD PICTURE NAILS.

Inch.	Per gross.	Inch.	Per gross.
1	\$0 65	2½	\$1 50
1¼	75	3	1 90
1½	90	3½	2 60
1¾	1 00	4	2 80
2	1 25		

## SHERMAN CARD RUSTICS.

No.	Description	Per dozen.	No.	Description	Per dozen.
No. 1	Card size,	\$0 75	No. 3	Victoria size,	\$1 25
2	do	90	1	Cabinet do	1 15
3	do	1 00	2	do do	1 25
1	Victoria size,	90	3	do do	1 50
2	do	1 00			

## PAPIER-MACHE FRAMES.

## FOR CARD PHOTOGRAPHS.

Nos.	Per dozen.	Per gross.
Nos. 100, 100, 100, 100, 100, 100, 100, 100,	\$0 60	\$6 00
No. 140,	85	7 50
Nos. 151, 151,	1 00	9 00

## MISCELLANEOUS.

Albumen water colors (Chinese), per box.	\$1 25
do do per bottle,	15
Aniline colors (French), per box,	5 00
Albums at low prices,	
Apparatus for making pictures at night (Proctor's),	75 00
Back supports,	65

Blue frosting, per can, . . . . .	\$1 20
Background castors, per set, . . . . .	1 25 to 4 00
Curtains—Silk, . . . . .	38 00
do Rep, . . . . .	8 50 to 25 00
Carbon varnish, per bottle, . . . . .	1 25
do transfer solution, per bottle, . . . . .	50
Cocoa matting, per yard, . . . . .	75 cents to 1 50
Carpets to order, . . . . .	
Water colors, per cake, . . . . .	20 cents to 1 50
Copying apparatus for night work (Proctor's), . . . . .	28 00
Diamonds, ebony handle, with key, each, . . . . .	3 50
do ivory do do do, . . . . .	5 50
Dry colors (Anderson's), complete, per box, . . . . .	1 50
do per box or bottle, . . . . .	10
Dusters (camel's hair), 1 inch, each, negative brushes, . . . . .	20
do do 1½ do, . . . . .	25
do do 2 do, . . . . .	35
do do 2½ do, . . . . .	45
do do 3 do, . . . . .	50
Dropping Bottles, . . . . . each	50
Developing cups, . . . . .	1 00
Dermaline, per bottle, . . . . .	25
Enamel (McCollin's), per bottle, . . . . .	1 00
Enamelline (Anthony's), per bottle, . . . . .	62
Filtering-cotton, per bundle, . . . . .	20
Filter folder, . . . . .	75
Gold and silver saucers, small, each, . . . . .	15
do do medium, each, . . . . .	20
do do large, do, . . . . .	25
German card photographs, per dozen, . . . . .	2 50
do do (Luckhardt), per dozen, . . . . .	4 00
do Cabinet do per dozen, . . . . .	7 00
Gurney cabinet do do, . . . . .	3 25
India ink, per cake, . . . . .	75
Irish & Co., medallions, card, each, . . . . .	1 00
do do cabinet, each, . . . . .	2 00
Kranz's encaustic composition, per bottle, . . . . .	50
Locket snips, . . . . .	1 50
Levelling-stands, . . . . .	10 00
Lee's polishing fluid, per bottle, . . . . .	25

Monograms, N. P. A., small, . . . . .	\$1 25
do do medium, . . . . .	1 50
do do large, . . . . .	1 75
do do stamp, with ink, &c., . . . . .	4 50
Magnesium ribbon, per ounce, . . . . .	4 00
Mouldings, sample board, each, . . . . .	1 50
Mardock's developer, per pound, . . . . .	30
Nickel-plating camera tubes, 1-2, . . . . .	4 00
do do 4-4, . . . . .	5 00
do do ex., 4-4, . . . . .	6 00
Paste brushes, 1 inch, each, . . . . .	20
do 1½ do, . . . . .	25
do 2 do, . . . . .	35
do 2½ do, . . . . .	40
Pencil brushes, per dozen, . . . . .	2 00
do each, . . . . .	15 to 20
Pile's silver test, . . . . .	2 00
Pneumatic holders, . . . . .	1 00
Photometers for carbon printers, . . . . .	2 00
Pencils for retouching, each, . . . . .	15
do do per dozen, . . . . .	1 50
do do in boxes containing 5, . . . . .	90
Passepartouts and mats, of odd sizes made to order, . . . . .	
Paper weights, glass (heavy, No. 94), per dozen, . . . . .	10 00
do do (light, No. 97) . . . . .	7 50
do do (with stand), . . . . .	9 00
Rawhide blocks, per square inch, . . . . .	20
Spring rollers and curtains. Estimates given. . . . .	
Steeping tank (Osborne's), . . . . .	50 00
Tent, wall five feet, height ten feet, 10 x 20, . . . . .	50 00
do do do do 15 x 20, . . . . .	70 00
do dark room, . . . . .	15 00
Table covers, . . . . .	1 00



## PRICES FOR PORCELAIN PICTURES.

(When negatives are furnished.)

TINTED.*		FINELY PAINTED.	
1-6 to 1-4 size,	\$1 75	1-6 to 1-4 size, from	\$4 to 12
1-2 size,	2 50	1-2 size,	5 to 18
4-4 do	5 00	4-4 size,	8 to 25

It is recommended that parties order cases or frame with these pictures, as they should be put up with great care to preserve them from dust. No charge is made for cutting and setting the porcelain in such cases.

## FOR INKING OR PAINTING PHOTOGRAPHS IN WATER COLORS.

(When prints are furnished.)

Size.		Size.	
1-2,	from \$1 to \$4	10 x 12,	from \$4 to \$12
4-4,	do 1 to 6	13 x 16,	do 6 to 15
8 x 10	do 2 to 10	Life-size head,	do 10 to 20

## PAINTING IN OIL.

10 x 12 and 11 x 14,	\$12 00	18 x 22 and 20 x 24	\$22 00
13 x 16 " 14 x 17,	14 00	22 x 27,	23 00
16 x 20 " 17 x 21,	19 00	25 x 30,	28 00

Retouching negatives from twenty-five cents to one dollar each.

Copies from other pictures, in any style, from twenty-five to fifty per cent. advance on the above.

Parties ordering will please state the amount of work desired upon each picture.

Orders amounting to less than \$10 must be accompanied by the cash. Other amounts may be paid one-half on ordering, and the remainder on delivery. Transportation each way will be defrayed by the parties ordering.

Address all orders and communications to THOS. H. MCCOLLIN, 624 Arch Street, Philadelphia.

\*These plainer styles bear no resemblance to the cheap collodion prints on porcelain.

## SOLAR PRINTING AND COPYING FOR THE TRADE.

We are prepared to execute all orders for printing with neatness and dispatch. Negatives for the purpose, sent either by mail or express, must be carefully packed, prepaid, and accompanied by the price of the work to be done; the prints will be *returned* by mail, unmounted, *free of expense*. The negatives will be carefully preserved, under lock and key, or returned if desired.

## PAPER PRINTING.

30 x 40 Drawing paper,	\$5 00	18 x 22 Saxe paper,	\$2 00
29 x 36 do	5 00	18 x 22 Albumen paper,	2 50
25 x 30 do	3 00	13x16 Plain or Albumen	1 50
22 x 26 do	2 50	11x14 do	1 50
20 x 24 do	2 50	4x4 do & 8x10 do	75

## CANVAS PRINTING.

30 x 40,	\$5 00	20 x 24,	\$3 00
29 x 36,	5 00	17 x 21,	2 50
25 x 30,	4 00	12 x 14,	1 50
22 x 27,	3 00		

The cost of canvas and stretcher, extra.

In the canvas printing, no albumen or gelatine is used, and the prints are in every respect equal to paper prints.

8 x 10 and 4 x 4 negatives, \$1 00.

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HOW TO PAINT PHOTOGRAPHS IN WATER COLORS. A practical handbook designed especially for the use of students and photographers. Containing directions for brush-work in all descriptions of photo portraiture. By GEO. B. AYRES, Artist. Third edition, \$2 00

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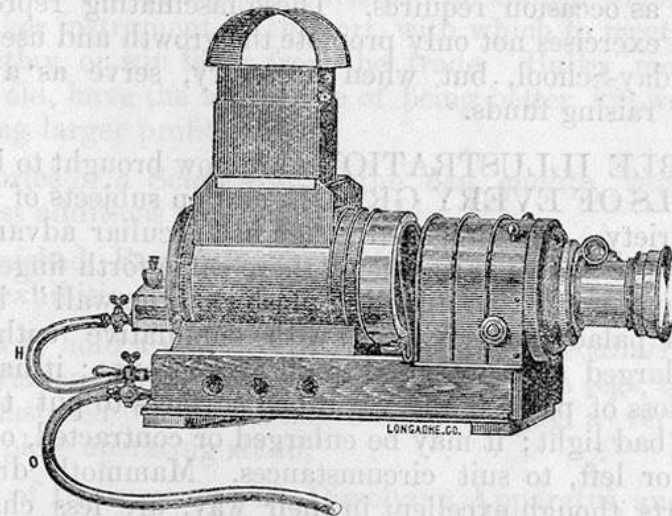
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### SCIOPTICON.

MARCY'S.

IS A GREATLY IMPROVED FORM OF MAGIC LANTERN, COMBINED WITH A SAFE AND POWERFUL LAMP.



The image on the retina of an image projected by the Sciopticon on a white wall or screen, in natural position and pro-

portions, with surroundings obscured by darkness, scarcely differs from the primary visual image of the object itself.

Hitherto, this seeming reality could be satisfactorily shown only by the use of expensive and troublesome apparatus and materials; now, whatever is most beautiful or instructive in nature or in art, may, at small cost and with the least possible trouble, be shown up ten feet or more or less as desired, bright, clear and steady.

AS A HOME INFLUENCE it is worthy of all praise. Without drudgery or delay it transforms the drawing room into an art gallery, where the family circle may pass their leisure evenings "mid pleasures and palaces" without roaming from "home, sweet home."

SUNDAY-SCHOOL WORKERS find it specially useful in explaining Bible scenes and localities, and oriental manners and customs. The Sunday-School Concert is made intensely interesting by illustrating the recitations of the children, and by projecting hymns upon the screen, to be sung in concert. Series of Bible and Holy Land Views are very carefully selected, with special reference to the Sunday-School work. Illustrations in outline, mottoes, hymns, &c., can also be drawn by hand, as occasion requires. These fascinating representations and exercises not only promote the growth and usefulness of a Sunday-School, but when necessary, serve as a ready means of raising funds.

VISIBLE ILLUSTRATIONS are now brought to bear in SCHOOLS OF EVERY GRADE, and on subjects of almost every variety. The projected image has peculiar advantages: it arrests the attention as when "there came forth fingers of a man's hand, and wrote upon the plaster of the wall" in Belshazzar's palace; it is viewed with cumulative enthusiasm when enlarged and presented to all eyes at once; it has none of the gloss of painted and varnished surfaces to put the picture in a bad light; it may be enlarged or contracted, or faced to right or left, to suit circumstances. Mammoth drawings and charts, though excellent in their way, are less charming and effective, and more difficult to handle and preserve. The Sciopticon will continue in operation for hours without re-ad-

justment, and its views are easily changed, by reason of its peculiar construction and its standing in front of the operator, thus permitting the teacher to give his time and undivided attention to giving instruction. It is the only lantern which does not require continual watching and hours of drudgery.

THE SCIOPTICON is also unrivalled for MASONIC and other SOCIETIES, for ordinary PUBLIC EXHIBITIONS, for SOCIAL ENTERTAINMENTS, for conveniently showing up chemical reactions, living insects, minnows, water newts, &c., photographs of microscopic objects, natural and diseased tissues, advertising illuminations, enlargements for sketching, negatives and positives for examination and discussion in photographic associations, and for objects too numerous to particularize. With slides improved in quality and cheapened in price, this unique form of Magic Lantern is inaugurating a new era in this species of representation.

The INTRODUCTION OF THE SCIOPTICON has hitherto been effected mostly by the favorable reports put in circulation by those who have witnessed the facility with which its fine effects are produced. That it is thus able to push its own way is fortunate, because the cost of its construction, compared with the selling price, leaves less margin than that of any other instrument of the sort, with which to meet advertising outlay, or win favor from the trade. Bulky models, centuries old, have the advantage of being better known, and of yielding larger profits.

The price of a Sciopticon of the <i>best quality</i> , with latest additions and improvements, . . . . .	\$45 00
A Finished Box, convenient for carrying it in, and for exhibiting it upon, . . . . .	3 00
A Box to hold a pair of Instruments, with peculiarly convenient Dissolving Apparatus, and with legs, to be fastened on by thumb-screws, making a very complete operating stand, . . . . .	10 00
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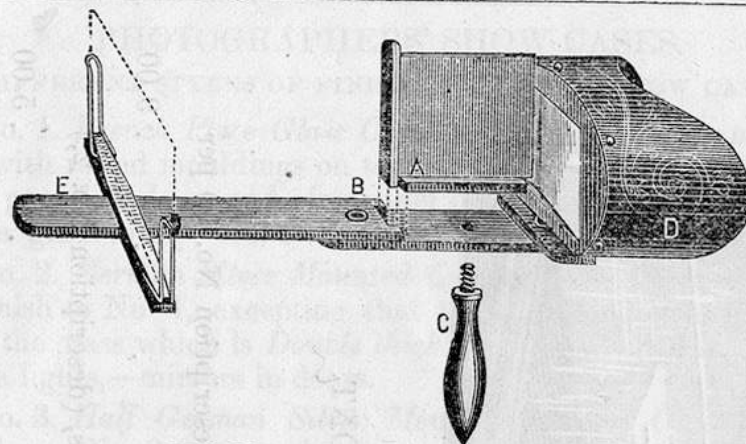
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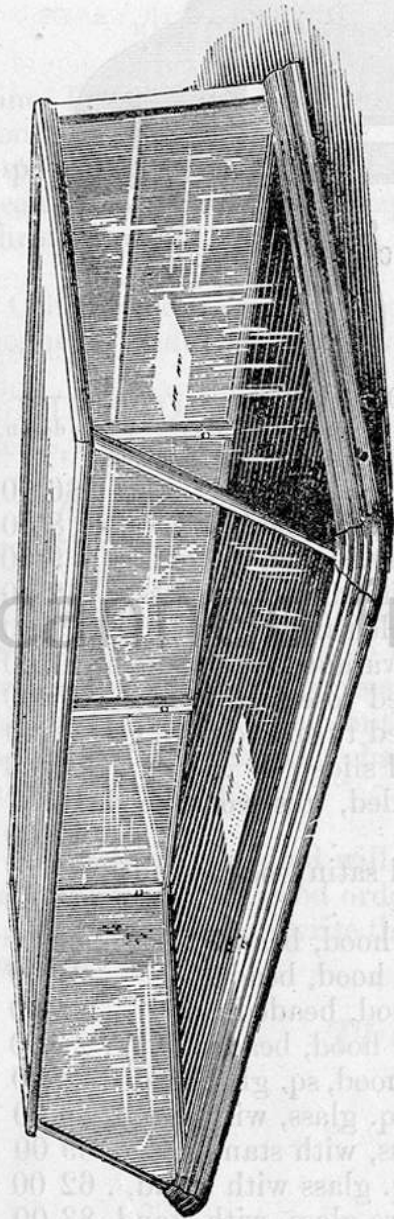


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7½—Satin wood, oval, satin wood hood, beaded,	24 00
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9—Tulip wood, oval, tulip wood hood, beaded,	27 00
9½—Mahogany, oval, tulip wood hood, sq. gls., beaded	26 00
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