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RETOUCHING VARNISH



Illustrated Catalogue

No. IIII

OF PROFESSIONAL
AND AMATEUR

Photographers' Supplies



Wm. F. Uhlman

ST. JOSEPH,
MISSOURI



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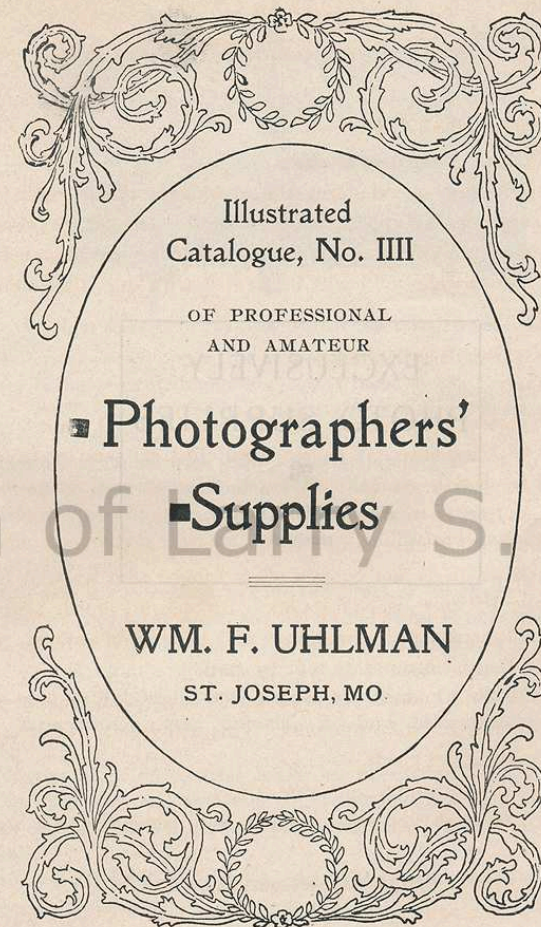
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BAUSCH & LOMB UNIVERSAL PORTRAIT LENS.

Series A. Speed f—4.

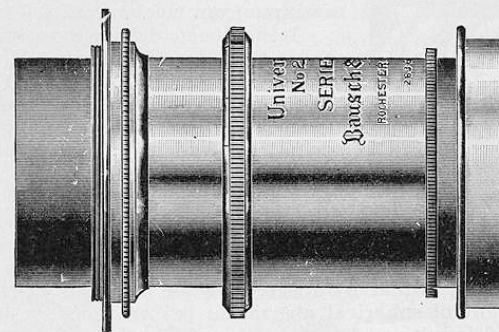


Figure shows the No. 2 Universal Portrait Lens, one-fourth actual size.

These lenses are composed of two systems, the elementary lenses of the front system being cemented together, while those of the back system are separated. The rear lens is mounted in an adjustable mounting, permitting correction of the lens by the operator.

All sizes are provided with improved iris diaphragm.

The speed of these lenses being f—4, they are suited for the most rapid studio work. Optically they possess those special requisites which make a portrait lens, and which exist only to a very indifferent degree in lenses constructed for other work.

These lenses are corrected to give the greatest sharpness, as required for small portraits. For large portraits, where the sitter is near the lens, a greater depth and equality of definition is obtained by separating the back lenses by means of the adjustable mounting. In this manner any desired softness, roundness or distribution of focus may be obtained. In addition to the above qualities, these lenses have unusual freedom from distortion, and even illumination.

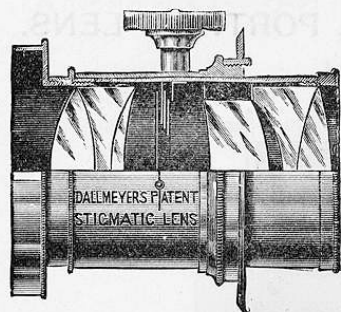
For portrait work only, these lenses are unequalled. They were designed solely for this purpose, and the favorable reception they have had at the hands of the most expert and well-known photographers, proves that they meet the requirements.

The number three of this series is especially recommended for cabinet work.

No.	Size	Diameter of Lenses	Back Focus	Price
1	4 x 5 in.	2 $\frac{3}{4}$ in.	6 $\frac{1}{2}$ in.	\$ 65.00
2	5 x 8 "	3 $\frac{1}{2}$ "	8 $\frac{1}{2}$ "	90.00
3	6 $\frac{1}{2}$ x 8 $\frac{1}{2}$ "	4 $\frac{1}{6}$ "	11 $\frac{1}{2}$ "	135.00
4	8 x 10 "	4 $\frac{1}{2}$ "	13 $\frac{1}{2}$ "	190.00

DALLMEYER'S STIGMATIC PORTRAIT LENS.

Series I, f-4.



This lens is composed of two triple combinations, the whole of the glasses used being of exceptionally white and clear quality, and free from mechanical defects.

It has been designed to include a larger angle than existing forms of rapid portrait lenses. At the full aperture F 4, it is absolutely free from spherical aberration, *i. e.*, gives a perfectly defined image. It is non-distorting, and gives a flat field with equal definition from edge to centre, and with but very slight traces of astigmatism. It covers altogether an angle of about 60°, hence is

particularly adapted for short operating rooms, and has greater equality of illumination than existing portrait lenses. It possesses the same advantage as the patent portrait lens, in that by unscrewing the back cell a turn, or part of a turn, a certain amount of spherical aberration is introduced, resulting in more equal distribution of definition over the planes focused.

These lenses will be furnished, at present, in four sizes only, as follows:

No.	Largest Dimensions of Plate		Equivalent Focus.	Back Focus.	Rack and Pinion	
	Covered at Full Aperture Inches.	Diam. of Lens. Inches.			With Central Stops.	With Iris Diaphragm
1	3 1/4 x 4 1/4	1.6	5 1/2	4	\$56.00	\$60.00
2	4 x 5	2	6 3/4	5 1/4	96.00	102.00
3	4 3/4 x 6 1/2	2.4	8 1/4	6	144.00	154.00
4	6 1/2 x 8 1/2	3.2	11	8 1/4	200.00	212.00

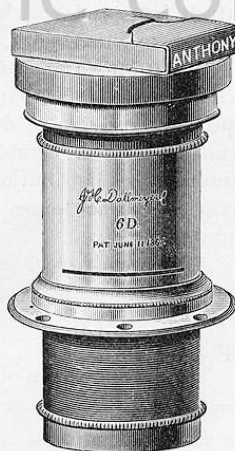
Distance between subject and lens for full length cabinet, No. 3, 12 to 13 feet; No. 4, 17 feet. Head and bust pictures, about half these distances.

DALLMEYER'S PATENT PORTRAIT AND GROUP LENSES. (D).

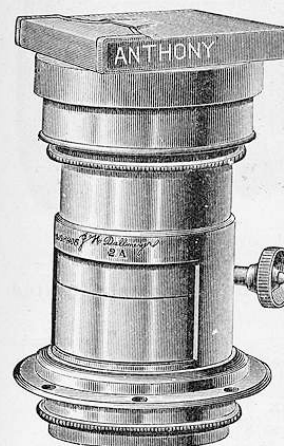
These lenses are perhaps the most generally useful instruments a photographer can be possessed of. Thus, with the full opening, they are well adapted to portraiture in the studio (as for groups, studies, large heads, etc.), possessing four times greater intensity than the well-known Triple Achromatic Lens; and, when used with smaller stops, these new lenses answer equally well for outdoor 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.

No.	Diameter of Lenses. Inches.	Equivalent Focus. Inches.	Size of Group. Inches.	Size of View. Inches.	Price.
2 D patent	1 1/2	9	4 3/4 x 6 1/2	6 1/2 x 8 1/2	\$ 54.00
3 D "	2 1/8	12 1/2	6 1/2 x 8 1/2	8 x 10	72.00
4 D "	2 7/8	17	8 x 10	10 x 12	104.00
5 D "	3 1/4	19	10 x 12	12 x 15	133.00
6 D "	4	24	12 x 15	16 x 18	202.00
7 D "	5	30 1/2	16 x 18	20 x 22	366.00
8 D "	6	37	20 x 22	21 x 25	444.00



DALLMEYER'S PATENT PORTRAIT LENSES (A).



- No. 1 A*. PATENT LENS, with rack and pinion movement. Diameter of front and back combinations, 2 3/4 and 2 5/8 in. respectively, and 10 in. equivalent focus. For pictures 4x5 in. \$100.00
- No. 2 A*. Same as above. Diameter of front and back combinations, 3 1/4 and 3 1/2 in. respectively; equivalent focus 13 1/2 in. For pictures 4 3/4 x 6 1/2 in. 136.00
- No. 3 A*. Same as above. Diameter of lenses 4 in., equivalent focus 16 in. For pictures 6 1/2 x 8 1/2 in. and cabinets, 208.00
- No. 4 A. Same as above. Diameter of lenses 4 1/2 in., equivalent focus 18 in. For pictures 8x10. 292.00

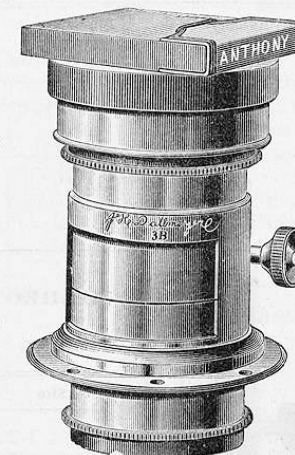
- No. 5 A. IN RIGID MOUNT. Diameter of lenses 5 in., equivalent focus 21 in. For pictures 15x15 in. 380.00
- No. 6 A. Same as above. Diameter of lenses 6 in., equivalent focus 28 in. For pictures 20x16 in. 456.00

*These lenses are well adapted for 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 feet; and No. 3 A, 21 feet.

DALLMEYER'S PATENT PORTRAIT LENSES (B).

Quick Acting Lenses.

- No. 1 B. PATENT LENS, with rack and pinion movement. Diameter of lenses 2 in., and equivalent focus 6 in. For Carte de Visite Portraits, distance between subject and lens for standing figure, 12 to 13 ft. \$ 56.00
- No. 2 B. PATENT LENS, with rack and pinion movement. Diameter of lenses 2 3/4 in., and equivalent focus 8 1/2 in. Especially constructed for Carte de Visite Portraits. Distance between subject and lens for standing figure, 18 ft. 102.00
- No. 3 B. Ditto, ditto. Diameter of lenses 3 1/2 in., and equivalent focus 10 1/2 in. Especially constructed for Cabinet Portraits. Distance between subject and lens for standing figure, 18 ft. 152.00
- No. 4 B. Ditto, ditto. Diameter of lenses 4 1/2 in., and equivalent focus 14 in. For pictures 8 1/2 x 6 1/2 in. Distance for a Cabinet Portrait, 25 ft. 304.00



VOIGTLAENDER & SON'S NEW PORTRAIT EURYScope.

The Ideal Lens for Portraits, Groups and Figures.

SECOND SERIES.

SHORT FOCUS. RATIO, 1 to 4, or $\frac{F}{4}$.

Specially adapted to general portrait work in very short or dimly-lighted studios.

Number	Diameter	Equivalent Focus	Size of Plate	Price
3	2 in.	7 $\frac{3}{4}$ in.	4 $\frac{1}{2}$ x 6 $\frac{1}{2}$	\$ 62.00
4	2 $\frac{1}{2}$ "	9 $\frac{3}{4}$ "	6 $\frac{1}{2}$ x 8 $\frac{1}{2}$	86.00
5	3 "	11 $\frac{1}{2}$ "	8 x 10	116.50
6	3 $\frac{1}{2}$ "	14 "	10 x 12	145.00
7	5 "	17 $\frac{1}{2}$ "	12 x 15	175.00

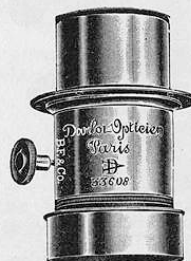
Nos. 3, 4 and 5 have rack and pinion. Nos. 6 and 7 mounted in rigid settings.

THIRD SERIES.

LONGER FOCUS. RATIO, 1 to 4 $\frac{1}{2}$, or $\frac{F}{4.5}$.

Unrivalled for general portrait work. Excellent for groups in short studios.

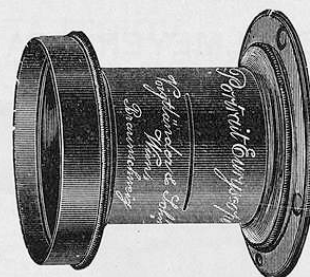
Number	Diameter	Equivalent Focus	Size of Plate	Price
1A	1 $\frac{1}{2}$ in.	6 $\frac{1}{2}$ in.	3 $\frac{1}{2}$ x 4 $\frac{1}{2}$	\$ 45.00
2A	1 $\frac{3}{4}$ "	7 $\frac{1}{2}$ "	4 $\frac{1}{2}$ x 6	55.00
3A	2 "	8 $\frac{3}{4}$ "	5 x 8	70.00
4A	2 $\frac{1}{2}$ "	10 $\frac{3}{8}$ "	6 $\frac{1}{2}$ x 8 $\frac{1}{2}$	95.00
5A	3 "	13 "	10 x 12	130.00
6A	3 $\frac{1}{2}$ "	15 $\frac{1}{2}$ "	11 x 14	186.50
7A	4 "	19 $\frac{1}{2}$ "	14 x 17	226.50
8A	5 "	25 "	17 x 20	426.50



DARLOT QUICK-WORKING PORTRAIT LENSES.

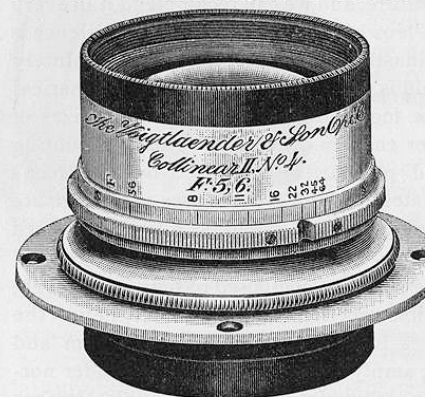
WITH RACK AND PINION, AND CENTRAL STOPS.

Size	Diameter	Focus	Size of Plate	Price
1-2	2 $\frac{1}{4}$ in.	6 in.	3 $\frac{1}{2}$ x 4 $\frac{1}{2}$ in.	\$24.50
2-3	2 $\frac{1}{2}$ "	7 "	5 x 7 "	36.00
4-4	3 "	8 "	6 $\frac{1}{2}$ x 8 $\frac{1}{2}$ "	48.00
Extra 4-4	4 "	11 "	8 x 10 "	95.00



VOIGTLAENDER'S COLLINEARS.

Series II. Extra Rapid. F 5.6 for Small Sizes. F 6.3 for Large Sizes.



The Collinear Lenses are a new type of Double Anastigmats, consisting of two symmetrical anastigmatic halves. Each of these halves is made up of 3 glasses, the contiguous surfaces of which are permanently cemented together. These lenses are made of the new Jena Glass.

The advantages are: Flatness of field and sharpness of definition; Large covering power with comparatively short focus, large aperture, and depth of focus.

FOR HAND CAMERA WORK.

The small sizes are the most valuable lenses known. With absolute sharpness, depth of focus and brilliant, uniform illumination they show twice as much speed as other Anastigmats at 7, 7.

FOR STUDIO WORK.

The large sizes meet all the demands of the studio for large portrait work and groups. High speed, brilliant illumination, excellent covering power and depth of focus for groups. Those soft effects that we all like, and above all, the speed that a good studio lens ought to have are all found in the Collinear II.

No. 7 is a splendid lens for cabinet work, 8x10 heads, 10x12 or even 11x14 groups. Nos. 9 and 10 are choice lenses for 14x17 to 18x22 heads and groups. Note the low prices of the large sizes compared with other makes.

The sizes of plates, listed below, do not represent the maximum covering power or utmost capacity.

FULL APERTURE F 5.6.

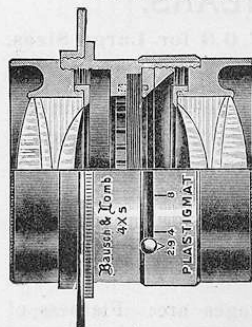
No.	Equivalent Focus	Size of Plates Sharply Covered.			Price with Iris Diaphragm
		F 5.6	F 8	F 32	
	Inches	Inches	Inches	Inches	
1	3 $\frac{1}{2}$	3 $\frac{1}{4}$ x 4 $\frac{1}{4}$	3 x 4	3 $\frac{1}{4}$ x 4 $\frac{1}{4}$	\$35.00
2	4 $\frac{1}{4}$	3 $\frac{1}{4}$ x 4 $\frac{1}{4}$	4 $\frac{1}{4}$ x 6 $\frac{1}{2}$	5 x 7	40.00
3	5 $\frac{1}{2}$	4 $\frac{1}{4}$ x 6 $\frac{1}{2}$	5 x 7	6 $\frac{1}{2}$ x 8 $\frac{1}{2}$	45.00
4	7 $\frac{1}{8}$	5 x 7	6 $\frac{1}{2}$ x 8 $\frac{1}{2}$	8 x 10	60.00

FULL APERTURE, F 6.3.

No.	Equivalent Focus	F 6.3	F 8	F 32	Price
5	9 $\frac{7}{8}$	6 x 8	6 $\frac{1}{2}$ x 8 $\frac{1}{2}$	9 x 11	77.50
6	11 $\frac{1}{4}$	6 $\frac{1}{2}$ x 8 $\frac{1}{2}$	8 x 10	10 x 12	105.00
7	14 $\frac{1}{2}$	8 x 10	10 x 12	12 x 15	140.00
8	17	11 x 14	12 x 15	16 x 20	187.50
9	20	12 x 15	14 x 17	20 x 24	235.00
10	23 $\frac{3}{8}$	14 x 17	18 x 22	22 x 28	325.00

The back combination of this series can be used separate, forming an anastigmatic lens with largest aperture of F 11.3, possessing double the focal length of the original.

BAUSCH & LOMB PLASTIGMAT, f-6.8.



4x5 Plastigmat. Actual size.

The Plastigmat is an ideal lens for general photography and portraiture, and we can recommend it in every respect where a lens of the highest optical excellence is desired. The anastigmatic corrections are absolutely perfect. The field is flat and without a trace of spherical distortion. The foci chosen for the various sizes of plates are longer than in other anastigmats, obviating the exaggerated perspective produced by short-focus lenses. The plates for which the lenses are rated are perfectly covered at the full opening, a working speed of f-6.8.

The separate systems, composed of four lenses each, have the same aplanatic and anastigmatic corrections as the doublet, hence the rear system, when used separately, gives images free from astigmatism and spherical distortion at a speed of f-13.5, amply rapid for snap shots under normal conditions. The focal length being nearly twice that of the doublet, images twice the size at the same distance or the same size at twice the distance are obtained.

With the Plastigmat one obtains speed—speed for moving objects, speed for dark days, speed for rainy-day pictures, speed for portraits in-doors.

Covering power, so that when sharp, clear pictures showing perhaps miles of landscape, are desired, the sharpness will extend from corner to corner of the plate, or where a mere shadowy suggestiveness, an out of focus fuzziness, is the desideratum, the effect will be uniform.

Brilliance, so that the real high lights will be clear and the half-tones retain their values.

Correct perspective, so that the dimensions of near-by objects will not be exaggerated in reverse proportion, and the general perspective rendered falsely.



An Ideal Combination—Plastigmat f-6.8 and Iris Diaphragm Shutter.

PRICE LIST OF PLASTIGMATS.

No.	Equivalent Focus of Doublet, Inches.	Equiv. Focus of Rear System, Inches.	Plate Covered by Doublet at f-6.8.	Plate covered by Rear System at f-13.5.	Free Diameter of Lenses, Inches.	* Distance of Flange from Ground Glass Focus, 100 ft.	* Length of Lens Mount, Front to Flange	Price Plastigmat Only	Plastigmat Fitted with Iris Diaphragm Shutter	Plastigmat Fitted with Uncum Shutter
1	5 1/4	9 1/2	3 1/4 x 4 1/4	5 x 7	1 1/8	5 1/8	1 1/8	\$34.00	\$48.00	\$42.00
2	6 1/4	11	4 x 5	6 1/2 x 8 1/2	1 1/8	6 1/8	1 1/8	40.00	54.00	48.00
3	7 3/4	13	5 x 7	8 x 10	1 1/8	7 1/8	1 1/8	48.00	62.00	56.00
4	9 1/4	16	5 x 8	10 x 12	1 1/8	8 1/8	1 1/8	55.00	70.00	64.00
5	11	19	6 1/2 x 8 1/2	11 x 14	1 1/8	10 1/8	1 1/8	75.00	91.00	85.00
6	13	22	8 x 10	12 x 16	1 1/8	12 1/8	1 1/8	90.00	107.50	
7	15	26	10 x 12	13 x 16	1 1/8	14 1/8	1 1/8	120.00		

These mountings are made especially compact and can be used on any hand camera. Focusing scale for any Plastigmat, 50c.

*These distances include shutter mounting.

GUNDLACH, SERIES VII—RAPID RECTIGRAPHIC.

With Iris Diaphragm.



These lenses are perfectly achromatic and rectilinear, and of superior covering power and definition. The two combinations are of different focal length, the back lens having much shorter focus than the front lens, and the relative curvatures are so calculated as to secure perfect optical symmetry of the compound, and at the same time to form perfect achromatic and aplanatic objectives for themselves if used singly. This novel plan offers the important advantage that these lenses, in fact, consist of three objectives of different focal lengths, in the following approximate proportions:

Equivalent of compound (both lenses).....	2
Back lens alone.....	3
Front lens alone.....	4

thus giving, on the same plate, pictures differing in size about as 2 to 3 to 4.

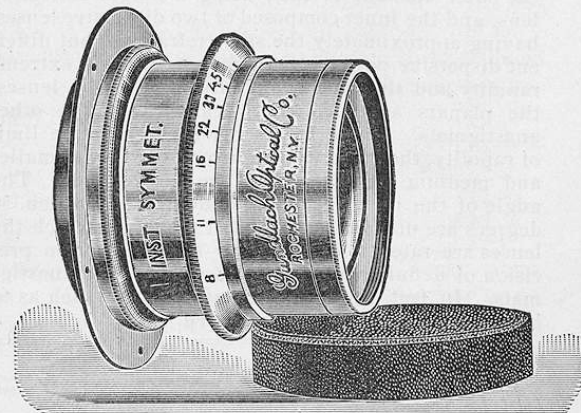
No.	Size of Plate	Diameter of Lenses	Equivalent Focus	Focus of Back Lens	Focus of Front Lens	Price with Iris Diaphragm
0	3 1/4 x 4 1/4	1 3/16 in.	5 in.	8 in.	11 in.	\$ 14.00
1	4 x 5	1 1/8 "	6 1/4 "	10 "	13 1/4 "	18.00
1 1/2	4 1/4 x 6 1/2	1 1/4 "	7 "	11 "	14 3/4 "	20.00
1 3/4	5 x 7	1 3/16 "	8 "	12 1/2 "	17 "	22.00
2	5 x 8	1 1/4 "	8 1/2 "	13 1/4 "	18 "	24.00
3	6 1/2 x 8 1/2	1 1/2 "	11 "	17 "	23 "	30.00
4	8 x 10	1 5/8 "	13 "	20 1/4 "	28 "	38.00
5	10 x 12	2 "	16 "	25 1/4 "	34 "	45.00
6	11 x 14	2 1/4 "	18 1/4 "	29 1/4 "	39 1/2 "	60.00
7	14 x 17	2 3/4 "	22 "	34 3/4 "	47 "	85.00
8	17 x 20	3 1/4 "	26 "	41 "	56 "	100.00

GUNDLACH, SERIES IX—INSTANTANEOUS SYMMETRICAL.

This is an aplanatic rectilinear of the symmetrical type, i. e., both combinations are of the same focal length. It has a working aperture of f-8, and is corrected for chromatic and spherical aberration to as high a degree as possible in this type of lens.

This lens is suitable for all kinds of general photographic work, including portraiture and groups.

Iris diaphragms are supplied with these lenses.



No.	Size of Plate	Diam. of Lenses	Equivalent Focus	Price
1	4 x 5	1 in.	6 1/4 in.	\$10.00
1 1/4	5 x 7	1 1/8 "	8 "	15.00
2	5 x 8	1 1/4 "	8 1/2 "	18.00
3	6 1/2 x 8 1/2	1 1/2 "	11 "	22.50
4	8 x 10	1 5/8 "	13 "	28.00
5	10 x 12	2 "	16 "	40.00
6	11 x 14	2 1/4 "	18 1/4 "	53.00
7	14 x 17	2 3/4 "	22 "	70.00
8	17 x 20	3 1/4 "	26 "	80.00

SERIES III—TURNER-REICH ANASTIGMAT F-7.5.



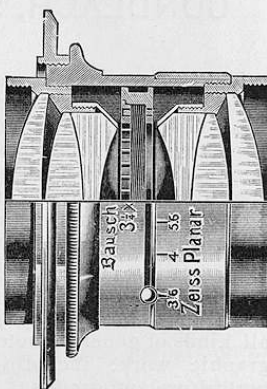
With Iris Diaphragm.

For general use in the studio and all kinds of outdoor photography this series is unequaled.

No.	Equivalent Focus	Diam. of Lenses	Plate covered sharply with opening of			Price with Brass Mounting	Price with Aluminum Mounting
			F-7.5	F-15	F-60		
1	6 in.	7/8 in.	4 x 5	5 x 7	5 x 8	\$ 35.00	\$ 38.00
2	7 1/4 "	1 1/4 "	5 x 7	5 x 8	6 1/2 x 8 1/2	40.00	44.00
3	8 1/4 "	1 1/4 "	5 x 8	6 1/2 x 8 1/2	8 x 10	50.00	55.00
4	10 1/2 "	1 1/2 "	6 1/2 x 8 1/2	8 x 10	10 x 12	75.00	80.00
5	12 "	1 3/4 "	8 x 10	10 x 12	11 x 14	85.00	90.00
6	14 "	2 "	10 x 12	11 x 14	14 x 17	110.00	115.00
7	17 "	2 1/2 "	11 x 14	14 x 17	17 x 20	160.00	166.00
8	21 "	3 1/4 "	14 x 17	17 x 20	18 x 22	250.00	257.00
9	26 "	3 3/4 "	17 x 20	18 x 22	22 x 25	350.00	358.00

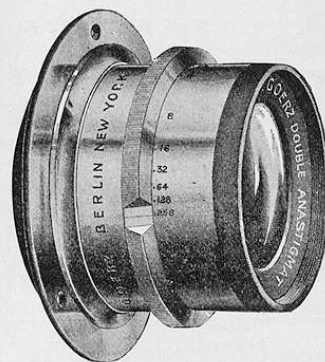
BAUSCH & LOEB-ZEISS PLANAR LENS. Series Ia. Speed F-3.6.

These objectives are composed of two systems, the outer element of each being a single collective lens, and the inner composed of two dispersive lenses, having approximately the same refractive, but different dispersive power. On account of their extreme rapidity and the consequent large size of the lenses, the planars are somewhat heavier than the other anastigmats. These lenses reach the extreme limit of rapidity, the speed varying from f-3.6 in the smaller and medium sizes to f-5 in the larger sizes. The angle of the image circle is 72 degrees, of which 50 degrees are utilized on the small plates for which the lenses are rated. The Planars are superior in precision of defining power to any of the other anastigmats. In fact, the results obtainable are such as to leave nothing further to be desired.



No.	Size of Plate Covered with Largest Stop. Inches.	Equivalent Focus. Inches.	Diameter of Lens. Inches.	Speed	Angle. Degree.	Price.
9	2 1/2 x 3 1/4	4 1/2	1 1/4	f-3.6	70	\$ 53.00
10	3 1/4 x 4 1/4	5	1 1/4	f-3.8	70	63.00
11	3 1/4 x 4 1/4	6 1/4	1 3/4	f-3.8	70	77.00
12	4 1/4 x 6 1/2	8	2	f-4.	65	109.00
13	5 x 8	10	2 1/4	f-4.	65	150.00
14	6 1/2 x 8 1/2	12	2 3/4	f-4.2	62	192.00
15	7 x 9	14 1/2	3 1/4	f-4.5	72	241.00
16	8 x 10	16 3/4	3 3/4	f-4.5	72	300.00
17	10 x 12	18 1/2	3 3/4	f-5.	68	349.00
18	12 x 16	24	4 3/4	f-5.	68	698.00

SERIES III, GOERZ'S DOUBLE ANASTIGMAT F-7.7.



This is a Universal Extra-Rapid Lens, for portraits, groups, instantaneous photography, landscapes, architecture, interiors and enlargements.

The lenses of this series are universal instruments in the full sense of the word. At full aperture, they admit of instantaneous photographs embracing an angle of 70° being taken, even on dull days. By the use of small stops the photograph may be made to include an angle of 90°. The Double Anastigmats of series III satisfy, therefore, the highest requirements and are eminently adapted for all-around purposes, in and out of doors. As the image is perfectly sharp, even with large apertures, the definition, brilliancy, and depth of every point of the field is absolutely uniform. Hence perfectly sharp wide-angle instantaneous photographs may be taken. The back lens, the focus of which is about the double of that of the entire objective, may, by itself, be used as a landscape lens.

No.	Equivalent Focus	Free Aperture	Size of Plate Sharply Covered at			Price with Iris Diaphragm
			F-7.7	F-15.5	F-6.2	
	Inches	Inches	Inches	Inches	Inches	
2	7	1	4 3/4 x 6 1/2	5 x 8	7 x 9	51.50
3	8 1/4	1 1/4	5 x 8	6 1/2 x 8 1/2	8 x 10	62.50
4	9 3/4	1 5/8	6 1/2 x 8 1/2	7 x 9	10 x 12	75.50
5	10 3/4	1 3/4	7 x 9	8 x 10	12 x 15	91.00
6	12	1 3/8	8 x 10	10 x 12	16 x 18	107.00
7	14	2	10 x 12	12 x 15	18 x 22	140.00
7a	16 1/2	2 3/8	11 x 14	13 x 17	21 x 25	182.00
8	19	2 3/4	12 x 15	16 x 18	22 x 25	219.00
9	24	3 5/8	16 x 18	18 x 22	24 x 30	325.00
10	30	4 1/4	18 x 22	22 x 25	28 x 36	539.00
11	35	5	22 x 25	24 x 30	34 x 44	1070.00

Nos. 2 to 5 are particularly adapted for hand and field cameras. The higher numbers will be found of great service for large portraits and group photography and similar work. The size of plate indicated sub F-7.7 represents the area which is sharply covered up to the edge. It is, however, advisable to select a higher number than that actually required in all cases where the lens is largely used at full aperture, and where, at the same time, it is important that the entire plate should be uniformly illuminated when the camera front is moved out of its central position.

For stereoscopic views the lenses are "paired" at an extra charge of \$2.50.

SERIES III—TURNER-REICH ANASTIGMAT F-7.5.



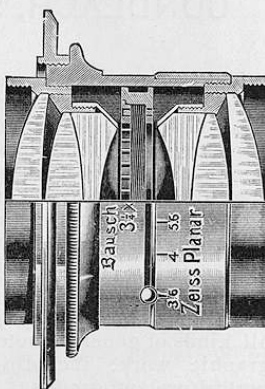
With Iris Diaphragm.

For general use in the studio and all kinds of outdoor photography this series is unequaled.

No.	Equivalent Focus	Diam. of Lenses	Plate covered sharply with opening of			Price with Brass Mounting	Price with Aluminum Mounting
			F-7.5	F-15	F-60		
1	6 in.	$\frac{7}{8}$ in.	4 x 5	5 x 7	5 x 8	\$ 35.00	\$ 38.00
2	$7\frac{1}{4}$ "	1 "	5 x 7	5 x 8	$6\frac{1}{2} \times 8\frac{1}{2}$	40.00	44.00
3	8 "	$1\frac{1}{4}$ "	5 x 8	$6\frac{1}{2} \times 8\frac{1}{2}$	8 x 10	50.00	55.00
4	$10\frac{1}{2}$ "	$1\frac{1}{2}$ "	$6\frac{1}{2} \times 8\frac{1}{2}$	8 x 10	10 x 12	75.00	80.00
5	12 "	$1\frac{3}{4}$ "	8 x 10	10 x 12	11 x 14	85.00	90.00
6	14 "	2 "	10 x 12	11 x 14	14 x 17	110.00	115.00
7	17 "	$2\frac{1}{2}$ "	11 x 14	14 x 17	17 x 20	160.00	166.00
8	21 "	3 "	14 x 17	17 x 20	18 x 22	250.00	257.00
9	26 "	$3\frac{3}{4}$ "	17 x 20	22 x 25	22 x 25	350.00	358.00

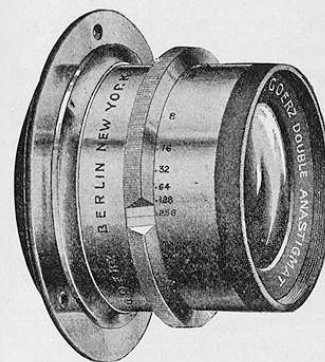
BAUSCH & LOEB-ZEISS PLANAR LENS. Series Ia. Speed F-3.6.

These objectives are composed of two systems, the outer element of each being a single collective lens, and the inner composed of two dispersive lenses, having approximately the same refractive, but different dispersive power. On account of their extreme rapidity and the consequent large size of the lenses, the planars are somewhat heavier than the other anastigmats. These lenses reach the extreme limit of rapidity, the speed varying from f-3.6 in the smaller and medium sizes to f-5 in the larger sizes. The angle of the image circle is 72 degrees, of which 50 degrees are utilized on the small plates for which the lenses are rated. The Planars are superior in precision of defining power to any of the other anastigmats. In fact, the results obtainable are such as to leave nothing further to be desired.



No.	Size of Plate Covered with Largest Stop. Inches.	Equivalent Focus. Inches.	Diameter of Lens. Inches.	Speed	Angle. Degree.	Price.
9	$2\frac{1}{2} \times 3\frac{1}{4}$	$4\frac{1}{2}$	$1\frac{1}{4}$	f-3.6	70	\$ 53.00
10	$3\frac{1}{4} \times 4\frac{1}{4}$	5	$1\frac{1}{2}$	f-3.8	70	63.00
11	$3\frac{1}{4} \times 4\frac{1}{4}$	$6\frac{1}{4}$	$1\frac{3}{4}$	f-3.8	70	77.00
12	$4\frac{1}{4} \times 6\frac{1}{2}$	8	2	f-4.	65	109.00
13	5 x 8	10	$2\frac{1}{4}$	f-4.	65	150.00
14	$6\frac{1}{2} \times 8\frac{1}{2}$	12	$2\frac{3}{4}$	f-4.2	62	192.00
15	7 x 9	$14\frac{1}{2}$	$3\frac{1}{4}$	f-4.5	72	241.00
16	8 x 10	$16\frac{3}{4}$	$3\frac{3}{4}$	f-4.5	72	300.00
17	10 x 12	$18\frac{1}{2}$	$3\frac{3}{4}$	f-5.	68	349.00
18	12 x 16	24	4 $\frac{1}{4}$	f-5.	68	698.00

SERIES III, GOERZ'S DOUBLE ANASTIGMAT F-7.7.



This is a Universal Extra-Rapid Lens, for portraits, groups, instantaneous photography, landscapes, architecture, interiors and enlargements.

The lenses of this series are universal instruments in the full sense of the word. At full aperture, they admit of instantaneous photographs embracing an angle of 70° being taken, even on dull days. By the use of small stops the photograph may be made to include an angle of 90°. The Double Anastigmats of series III satisfy, therefore, the highest requirements and are eminently adapted for all-around purposes, in and out of doors. As the image is perfectly sharp, even with large apertures, the definition, brilliancy, and depth of every point of the field is absolutely uniform. Hence perfectly sharp wide-angle instantaneous photographs may be taken. The back lens, the focus of which is about the double of that of the entire objective, may, by itself, be used as a landscape lens.

No.	Equivalent Focus	Free Aperture	Size of Plate Sharply Covered at			Price with Iris Diaphragm
			F-7.7	F-15.5	F-6.2	
	Inches	Inches	Inches	Inches	Inches	
2	7	1	$4\frac{3}{4} \times 6\frac{1}{2}$	5 x 8	7 x 9	51.50
3	$8\frac{1}{4}$	$1\frac{1}{4}$	5 x 8	$6\frac{1}{2} \times 8\frac{1}{2}$	8 x 10	62.50
4	$9\frac{1}{2}$	$1\frac{5}{8}$	$6\frac{1}{2} \times 8\frac{1}{2}$	7 x 9	10 x 12	75.50
5	$10\frac{3}{4}$	$1\frac{3}{4}$	7 x 9	8 x 10	12 x 15	91.00
6	12	$1\frac{1}{2}$	8 x 10	10 x 12	16 x 18	107.00
7	14	2	10 x 12	12 x 15	18 x 22	140.00
7a	$16\frac{1}{2}$	$2\frac{3}{8}$	11 x 14	13 x 17	21 x 25	182.00
8	19	$2\frac{3}{8}$	12 x 15	16 x 18	22 x 25	219.00
9	24	$3\frac{5}{8}$	16 x 18	18 x 22	24 x 30	325.00
10	30	$4\frac{1}{4}$	18 x 22	22 x 25	28 x 36	539.00
11	35	5	22 x 25	24 x 30	34 x 44	1070.00

Nos. 2 to 5 are particularly adapted for hand and field cameras. The higher numbers will be found of great service for large portraits and group photography and similar work. The size of plate indicated sub F-7.7 represents the area which is sharply covered up to the edge. It is, however, advisable to select a higher number than that actually required in all cases where the lens is largely used at full aperture, and where, at the same time, it is important that the entire plate should be uniformly illuminated when the camera front is moved out of its central position.

For stereoscopic views the lenses are "paired" at an extra charge of \$2.50.

THE LENS COMBINATION, "SERAPH."

Consisting of Four Finely Ground Achromatic Lenses, and Making Sixteen different Combinations for Portraits, Groups, Reproductions, Projections, Landscapes, Instantaneous Exposures, Etc.



The Lens Combination, "SERAPH," when used as a rapid rectilinear lens, covers plates from 4x5 up to 8x10; when used as a wide angle lens, it covers plates 5x7 up to 10x12; and when used as a landscape lens (posterior lens only), covers plates 5x7 up to 12x16, with perfect sharpness. The price of the combination, which practically means sixteen separate lenses, is \$25.00.

COMBINATION SETS OF VOIGTLAENDER'S Collinear Double Anastigmats. Series II. "Extra Rapid."

In view of the large number of focal lengths which are obtained by combining in the various possible manners the separate anastigmatic lenses of these combination sets, these sets will be seen to offer, at a comparatively low figure, all the combined advantages of a large number of separate individual lenses.

Set A, consisting of the glasses of Nos. 2, 3, 4, of Series II Collinears, focus 5 1/6 to 14 inches.

No.	Focus of		Combinat. Focus	Largest Opening	Angle of View on 5x7 Plate	Size of Plates Covered		
	Front	Back				Full Aperture	F 16	F 32
1	.. in.	14 in.	14	F 12.5	35°	8 x 10	8 x 10	10 x 12
2	.. "	10 1/4 "	10 1/4	F 12.5	48°	6 1/2 x 8 1/2	6 1/2 x 8 1/2	8 x 10
3	.. "	8 3/4 "	8 3/4	F 12.5	53°	5 x 7	5 x 7	6 1/2 x 8 1/2
4	14 "	10 1/4 "	6 3/4	F 7.2	65°	5 x 7	6 x 8	7 x 9
5	14 "	8 3/4 "	6 1/4	F 8	70°	4 1/4 x 6 1/4	5 x 7	6 x 8
6	10 1/4 "	8 3/4 "	5 1/4	F 9	80°	4 x 5	4 1/4 x 6 1/2	5 x 7

Price, including Leather Case, \$75.00.

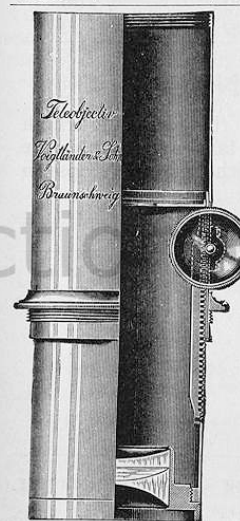


Bausch & Lomb Optical Co.'s Tele-Photo Lenses.

The purpose of the Tele-Photo lenses is to give enlarged images of distant objects. Their advantages are that they give detail in the picture not discernible to the naked eye, and with a camera extension which is very considerably less than would be required by a single lens of the same power.

DISTANCE FROM THE FRONT BOARD TO THE GROUND GLASS.

Size	Equivalent Focus	POWER						Brass Mounting Price.
		3	4	5	6	7	8	
4 x 5	6 1/2 in.	6 3/4 in.	9 3/4 in.	12 7/8 in.	16 1/8 in.	19 3/8 in.	22 5/8 in.	\$16.00
5 x 8	8 3/4 "	8 1/2 "	13 "	17 1/2 "	22 "	26 3/4 "	31 "	18.00
6 1/2 x 8 1/2	11 1/2 "	10 1/2 "	16 1/2 "	22 1/2 "	28 1/2 "	34 1/2 "	40 1/2 "	20.00
8 x 10	13 1/2 "	13 1/4 "	20 3/4 "	27 1/2 "	34 1/4 "	41 1/2 "	48 1/2 "	24.00
CIRCLE OF LIGHT								
4 x 5		5 1/4 in.	7 1/4 in.	9 1/4 in.	12 in.	15 in.	17 1/2 in.	
5 x 8		6 3/4 "	9 3/4 "	12 3/4 "	16 1/4 "	19 3/8 "	22 3/4 "	
6 1/2 x 8 1/2		8 "	11 "	14 1/4 "	18 "	22 "	26 "	
8 x 10		9 "	12 3/4 "	16 3/4 "	20 3/4 "	26 "	30 "	



Voigtlaender's New Tele-Photo Lenses.

We supply four Telephoto attachments to fit Collinear lenses 3 1/2-8 in. focus of Series II, F 5.6, and Series III, F 7.7. Larger sizes are made to order. Telephoto attachments can be fitted to lenses, high class only, by other makers. The attachment consists of an inside tube holding the negative lens, and sliding by means of rack and pinion motion within an outer tube, to the front of which is fitted the positive element.

For the same length of bellows, the Telephoto lenses will make a picture three-fourth times as large as an ordinary lens.

On the other hand, the Telephoto lens will make ten times as large a picture as the positive element alone would produce without the Telephoto attachment.

It should be understood that the degree of enlargement can be varied by increasing or decreasing the extension of the bellows.

SUITABLE POSITIVE LENSES

Collinear Series II.			Collinear Series III			Telephoto Attachment	
No.	Focus in Inches	Price	No.	Focus in Inches	Price	No.	Price
1	3 1/2	\$ 35.00	1	3 1/2	\$ 27.50	1	\$ 30.00
2	4 1/4	40.00	2	4 3/4	32.50	2	35.00
3	5 1/2	45.00	3	5 3/4	40.00	3	35.00
			3a	7	50.00		
4	7 7/8	60.00	4	7 7/8	55.00	4	40.00
5	9 1/2	77.50	5	9 3/4	72.50	5	45.00
6	11 1/2	105.00	6	11 3/4	100.00	6	55.00
7	14 1/2	140.00	7	14 3/4	130.00	7	70.00
8	17	187.50	8	17	165.00	8	90.00

PEERLESS RECTILINEAR LENSES.

These lenses are of the symmetrical rectilinear type. They are carefully made, and are superior to any of the cheaper grade of lens now on the market. They are suitable for portraiture, architectural and all kinds of outdoor work, with a speed equal to all shutter work. The back combination may be used separately. The mountings are of the "black band" type, neatly finished and lacquered, and provided with morocco cap, and a set of diaphragms in morocco case. Fitted with Waterhouse stops.

No.	Size of Plate	Diameter of Lenses	Back Focus	Price	Price with Iris Diaphragm
1	4 x 5	1 in.	5 $\frac{3}{4}$ in.	\$10.00	\$13.00
2	5 x 8	1 $\frac{1}{2}$ "	8 "	15.00	18.50
3	6 $\frac{1}{2}$ x 8 $\frac{1}{2}$	1 $\frac{3}{4}$ "	10 $\frac{1}{4}$ "	20.00	23.50
4	8 x 10	2 "	13 "	25.00	29.00
5	10 x 12	2 $\frac{3}{4}$ "	15 $\frac{1}{2}$ "	35.00	39.00
6	12 x 15	3 "	18 "	50.00	55.00
7	16 x 20	3 $\frac{1}{4}$ "	22 $\frac{1}{2}$ "	70.00	75.00
8	18 x 22	3 $\frac{3}{4}$ "	28 "	90.00	96.00

PEERLESS WIDE ANGLE LENSES.

These lenses have an angular aperture of about 80° on the plate for which they are listed, but have an angle of about 90° on the next larger size plate; the larger stop is f-16. They give good results when used with suitable stops on interior and architectural work, and can be commended for a cheap lens.

No.	Size of Plate	Back Focus	Equivalent Focus	Price
1	4 x 5	3 $\frac{1}{4}$ in.	3 $\frac{1}{2}$ in.	\$10.00
2	5 x 8	4 $\frac{1}{8}$ "	5 $\frac{1}{4}$ "	15.00
3	6 $\frac{1}{2}$ x 8 $\frac{1}{2}$	6 $\frac{1}{16}$ "	6 $\frac{1}{2}$ "	18.00
4	8 x 10	7 $\frac{1}{2}$ "	8 "	22.00
5	11 x 14	9 $\frac{1}{2}$ "	10 $\frac{1}{2}$ "	28.00
6	14 x 17	13 $\frac{1}{8}$ "	14 "	35.00
7	16 x 20	16 "	17 "	45.00
8	20 x 24	20 $\frac{3}{4}$ "	22 "	60.00

Sizes up to and including 8x10 are fitted with revolving diaphragm, larger sizes with improved Iris diaphragm.

SINGLE ACHROMATIC LENSES.

These lenses are carefully made up of a positive crown and negative flint glass lens. They give the best possible spherical correction of this construction, and make the photographic image coincident with the ground glass.

No.	Size of Plate	Diameter of Lens	Focus	Price Unmounted	Price Mounted
1	3 $\frac{1}{4}$ x 4 $\frac{1}{4}$	1 $\frac{1}{8}$ in.	5 $\frac{1}{4}$ in.	\$1.20	\$2.75
2	4 x 5	1 $\frac{1}{4}$ "	6 $\frac{1}{4}$ "	1.50	3.00
3	5 x 8	1 $\frac{3}{8}$ "	9 "	2.00	4.50
4	6 $\frac{1}{2}$ x 8 $\frac{1}{2}$	1 $\frac{7}{8}$ "	11 "	2.50	6.00
5	8 x 10	1 $\frac{7}{8}$ "	13 "	2.50	7.00

DARLOT'S FERROTYPE GEM LENSES.

For Ferrotypes, Postage Stamp and Button Pictures.

1-9 size, each, \$2.50. 1-4 size, each, \$4.00. 1-4 size, in sets of 4, per set, \$15.00

These we can furnish in sets of 4, 6, 8, 9 or more—all perfectly matched.

Brass Plates for 4 1-9 tubes, each, \$1.10. Brass Plates for 4 1-4 tubes, each, \$1.30.

THE IDEAL ENLARGING AND COPYING LENS.



Sectional View

The Ideal Enlarging and Copying Lens is made to be used in combination with any photographic objective lens, increasing its power for copying to at least twice its capacity. It will enable those possessing cameras that are not long focus instruments to photograph small articles to their full size or even larger, if it is desired. It will be found invaluable for copying pictures, making lantern slides by reduction with a short bellows hand camera, and photographing small objects. Some idea of the value of this lens can be learned when two photographs taken with and without the lens are compared as to size. A 4x5 photograph, when copied with an ordinary camera, will produce a picture about the size of a postage stamp, and when this enlarging and copying lens is attached, the photograph can be copied full size, or can be enlarged beyond its natural size. Full directions for use are supplied with each lens.

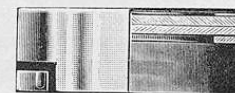
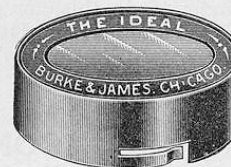
PRICES.

Diam. in Inches	For Cameras	Diam. in Inches	For Cameras
No. 1. 1 $\frac{5}{16}$	4x5....\$1.50	No. 8. 1 $\frac{3}{4}$	any size.. 2.00
No. 2. 1 $\frac{1}{8}$	5x7.... 1.50	No. 9. 2.....	" .. 2.50
No. 3. For Box Cameras....	1.50	No. 10. 2 $\frac{1}{4}$	" .. 2.75
No. 4. 1 $\frac{7}{16}$	4x5.... 1.50	No. 11. 2 $\frac{3}{8}$	" .. 3.00
No. 5. 1 $\frac{1}{4}$	5x7... 1.50	No. 12. 2 $\frac{3}{4}$	" .. 3.25
No. 6. 1 $\frac{1}{2}$	4x5.... 1.50	No. 13. 3.....	" .. 3.50
No. 7. 1 $\frac{1}{2}$	5x7.... 1.50		

THE IDEAL PORTRAIT LENS.

This lens is made especially for portrait work with hand cameras. It is especially adapted for making large heads and bust pictures with short bellows cameras, also box and magazine cameras. They increase the working

speed from about 20 to 25 per cent, as the relative aperture of the camera lens is increased when the portrait lens is applied, making a shorter focus combination lens. The lens is mounted in a neat brass cell, polished and plated, with adjustable springs or cork lining to fit over the hood of the lens like a cap.



Sectional View.

PRICES.

Diam. in Inches	For Cameras	Diam. in Inches	For Cameras
No. 1. 1 $\frac{5}{16}$	4x5....\$1.50	No. 8. 1 $\frac{3}{4}$	any size.. 2.00
No. 2. 1 $\frac{1}{8}$	5x7.... 1.50	No. 9. 2.....	" .. 2.50
No. 3. For Box Cameras....	1.50	No. 10. 2 $\frac{1}{4}$	" .. 2.75
No. 4. 1 $\frac{7}{16}$	4x5.... 1.50	No. 11. 2 $\frac{3}{8}$	" .. 3.00
No. 5. 1 $\frac{1}{4}$	5x7.... 1.50	No. 12. 2 $\frac{3}{4}$	" .. 3.25
No. 6. 1 $\frac{1}{2}$	4x5.... 1.50	No. 13. 3.....	" .. 3.50
No. 7. 1 $\frac{1}{2}$	5x7.... 1.50		

GUNDLACH'S FOCUSING GLASS.



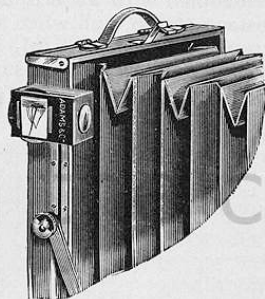
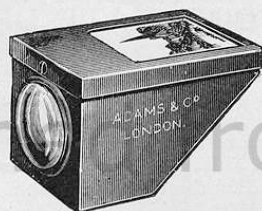
This lens is an achromatic combination of novel construction, consisting of a double convex crown-glass lens and a negative miniscus flint-glass lens, cemented together and mounted in brass, with adjustment to focus. The lens is perfectly aplanatic. Price, \$3.00.

THE IDEAL FOCUSING GLASS.



These focusing glasses are fitted with two lenses, which gives a flat field. They are fitted with screw adjustments. Finely finished in brass and lacquered. They are of great service to those who find difficulty in focusing on the ground glass. Price, each, \$1.00.

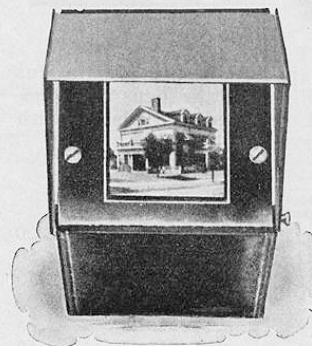
ADAMS' "BRILLIANT" VIEW FINDERS.



This finder produces a brilliant and distinct image, absolutely without the protection of a hood, even if direct sunlight shines upon it. It is the only finder to do this, for in all others supplied with ground glass, unless the latter is shaded, nothing at all can be seen. The Adams' brilliant finder has a rotating cut-out of inestimable value for use on reversing back cameras.

Size	Size of Image	Price
No. 1	$\frac{5}{8} \times \frac{3}{4}$	\$4.50
No. 2	$\frac{3}{4} \times 1$	5.50
No. 3	$1 \times 1\frac{1}{4}$	6.50

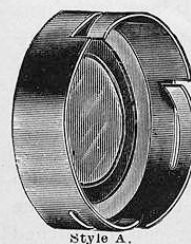
ICONOSCOPE.



The perfect finder. Attachable to any camera, suits any lens. The only finder made giving an erect, non-reversed image of the object just as it appears to the eye. An ingenious combination of prisms and lenses reproduces the view with greater brilliancy than the original, so that even in dark interiors there is no trouble in seeing just what is included in the picture and how it "composes." It works just as well in brightest sunlight. Made in three sizes:

No. 1, Small	\$5.00
No. 2, Medium	5.50
No. 3, Large	6.00

THE IDEAL RAY FILTER.



The Ray Filter is made of two optically worked parallel plates with a film between spectroscopically correct, and the whole cemented together. The plates are thin optical crown glass, ground and polished perfectly plane and parallel on both sides. They are mounted in brass cells, beautifully buffed and oxidized and lined with cork, so that they fit snugly over the lens like a cap, also with adjustable springs, so that they can be fitted over different size lenses.

Style A are made with adjustable springs, and can readily be fitted to any lens their full size or smaller.

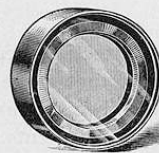
PRICES.

No.	Diam. in inches	Price	No.	Diam. in inches	Price
1.....	$1\frac{5}{16}$	\$1.00	8.....	$2\frac{1}{8}$	\$2.00
2. For Box Cameras.....	1.00	1.00	9.....	$2\frac{3}{4}$	2.25
3.....	$1\frac{7}{16}$	1.00	10.....	3	2.50
4.....	$1\frac{1}{2}$	1.00	11.....	$3\frac{1}{4}$	3.00
5.....	$1\frac{3}{4}$	1.25	12.....	$3\frac{1}{2}$	3.50
6.....	2	1.50	13.....	4	4.25
7.....	$2\frac{1}{4}$	1.75	14.....	$4\frac{1}{2}$	5.00

BAUSCH & LOMB'S BICHROMATE OF POTASH RAY FILTER.

This Ray Filter is, as its name implies, a light filter for the purpose of absorbing, from the light which reaches the lens, certain rays the presence of which would render the making of a natural picture with true color values, clouds, and perspective impossible. The Ray Filter prevents over-exposure of the sky, and gives not only the correct gradation of shading from zenith to horizon, but reproduces clouds and the detail in the clouds as well.

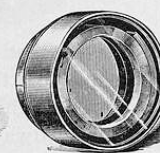
The ray filter gives the true color value of all objects in the picture.



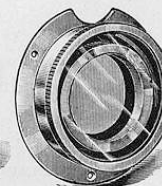
Style A.



Style B.



Style 1 P.



Style 1 FF.

PRICE LIST OF BICHROMATE OF POTASH RAY FILTERS.

Each filter is packed in a neat box, with a bottle of fluid, and pipette for refilling.

No.	Inside diam. in inches	Price	Price of Morocco cap	No.	Inside diam. in inches	Price	Price of Morocco cap
1P.....	$1\frac{1}{8}$	\$3.25	\$.70	5.....	$2\frac{1}{8}$	\$4.50	\$.90
1FF.....	1	3.25	.75	6.....	$3\frac{1}{8}$	5.00	1.00
1.....	$1\frac{1}{8}$	3.25	.70	7.....	$3\frac{3}{8}$	5.50	1.10
2.....	$1\frac{1}{4}$	3.50	.70	8.....	$4\frac{1}{8}$	6.00	1.20
3.....	$2\frac{3}{16}$	3.50	.75	9.....	$4\frac{3}{8}$	8.00	1.35
4.....	$2\frac{9}{16}$	4.00	.80	10.....	$5\frac{1}{8}$	10.00	1.50

When ordering style "A" Ray Filter, send strip of good paper just reaching around the hood of the lens.

THE IDEAL DUPLICATOR.



By attaching this instrument to the lens of any camera, any person or persons can be photographed in two positions on the same plate, without showing any division line where the two exposures meet on the plate. Many humorous pictures can be obtained in this way. Two persons can be photographed together in a group without either one having ever seen the other. The holder is slipped over the hood of the lens, and the duplicator can be turned around so that the image can be thrown on any part of the plate. Made in the following sizes:

PRICES.

No. 1.	Diameter	$1\frac{5}{8}$ inches	.....	\$0.25
No. 2.	"	$1\frac{7}{8}$ "	.....	.25
No. 3.	"	$1\frac{1}{2}$ "	.....	.25
No. 4.	"	$1\frac{3}{4}$ "	.....	.30
No. 5.	"	2 "	.....	.30
No. 6.	"	$2\frac{1}{4}$ "	.....	.35
No. 7.	"	$2\frac{1}{2}$ "	.....	.35
No. 8.	"	$2\frac{3}{4}$ "	.....	.40
No. 9.	"	3 "	.....	.40

THE PERFECTION CAMERA LEVEL.

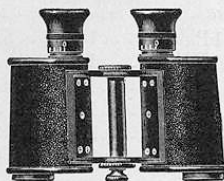


This level is made double so that the plane in two directions can be obtained with accuracy. The spirit bottles are so constructed that there is no leak of the fluid, as is the case in other levels, which soon become useless.

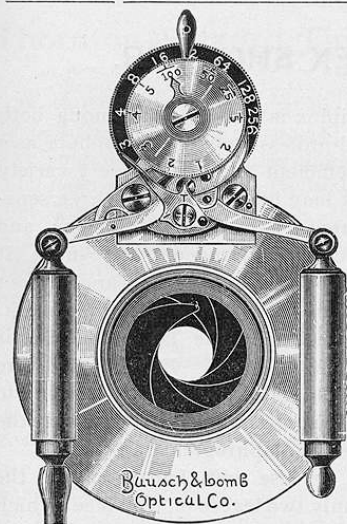
These are permanent and will always remain accurate instruments. We guarantee each and every Perfection Level. Price, 50 cents.

BAUSCH & LOMB-ZEISS STEREO FIELD GLASS.

The photographer will find a good field glass a very agreeable companion. It will save him many a hard climb and time-consuming journey, besides adding greatly to the pleasure of every trip. The new Stereo Field Glass is superior to all others in power, field, range, stereoscopic effect, compactness, lightness and elegance of appearance. Indispensable when touring, yachting, cycling, racing, at the games, and for military observation. Booklet postpaid.



BAUSCH & LOMB OPTICAL CO.'S IRIS DIAPHRAGM SHUTTER.



The Diaphragm Shutter was designed for those amateur and professional photographers who desire a strictly first-class, high grade shutter, for both in-door and out-door work. It is constructed on the most scientific principles, the leaves of the diaphragm not only regulating the size of the aperture, but serving as the shutter, the diaphragm opening to the required aperture and closing automatically.

The front dial is for regulating exposures, the shutter working automatically and making an exposure of from three seconds to one one-hundredth part of a second, and by simply moving a small lever, it may be set for time exposures of any desired duration.

SPECIFICATIONS AND PRICE OF SHUTTER ONLY.

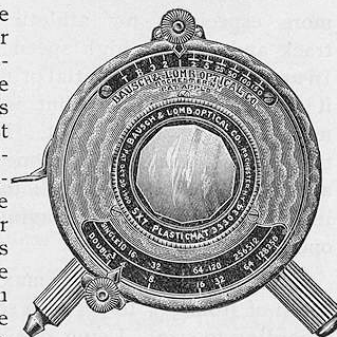
When fitted to Bausch & Lomb Lenses.

Size 4 x 5,	opening of largest stop,	$\frac{1}{2}$ inches,	Price.....	\$14.00
" 5 x 8,	"	$1\frac{1}{2}$ "	"	15.00
" $6\frac{1}{2}$ x $8\frac{1}{2}$,	"	$1\frac{3}{4}$ "	"	16.00
" 8 x 10,	"	1 "	"	17.50

When fitted to lenses of other manufacture, 50 cents additional.

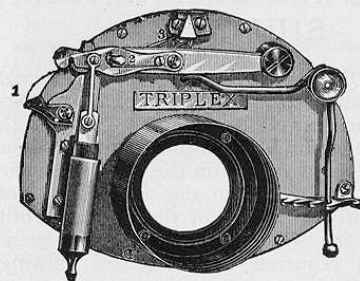
THE BAUSCH & LOMB VOLUTE SHUTTER.

Heretofore it has been impossible to produce an Iris Diaphragm Shutter rapid enough for photographing athletes, race horses, etc., satisfactorily. In the new Volute shutter an absolute speed of one one-hundred-and-fiftieth second has been attained, rapid enough for all kinds of fast work with images of reasonable size. The shutter is opened and closed with one lever. Whatever the duration of the exposure is to be, the shutter opens instantly and closes instantly, after remaining open the desired length of time, thus giving the maximum exposure. At the same time all the advantages of the older construction have been retained, and in addition the entire mechanism rendered dust-proof, all the parts being enclosed in the highly polished case. It can be fitted between the combinations of regular lenses, and of Plastigmat F: 6 8.



Size	Size of Largest Diaphragm	Fitted to Plastigmat or Zeiss	Fitted to Lenses of Other Manufacture
4 x 5	1 inch	\$17.00	\$18.00
5 x 7	1 "	17.00	18.00
$6\frac{1}{2}$ x $8\frac{1}{2}$	$1\frac{1}{2}$ "	18.50	20.00
8 x 10	2 "	20.00	22.00

THE PROSCH TRIPLEX SHUTTER.



The Triplex is well known among both amateur and professional photographers as a thoroughly efficient shutter for every variety of work. It may be adjusted for three separate movements—time, instantaneous and bulb or “slow instantaneous” exposure. It operates with perfect smoothness, and without jar, even when set for the most rapid work. An especial feature of the Triplex shutter is its wide range of speed. Four springs are furnished with each shutter, by means of which the speed may be varied from $\frac{1}{150}$ to $\frac{1}{150}$ of a second. The Triplex works between the combinations of the lens, at the diaphragm, which is the correct position. Rotary diaphragms are fitted.

This shutter is particularly well adapted for use with lenses, having the combinations placed close together, as it has only two leaves of thin steel which require but little space.

No.....	1	2	3	4	5	6	7	8	9	10
Aperture..	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$
Price..	\$14.00	15.00	15.50	16.00	16.50	17.00	18.00	18.50	19.00	20.00

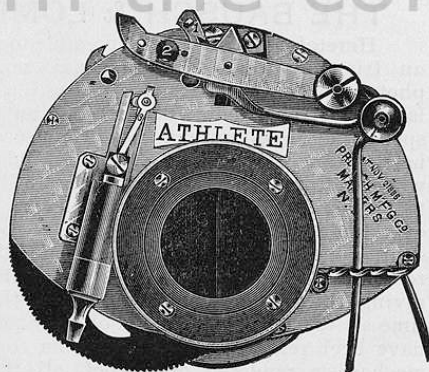
THE PROSCH ATHLETE SHUTTER.

The Athlete Shutter is intended more especially for athletic, race track and general high speed work. In appearance and essential principles it is like the Triplex, but is built more strongly throughout. It has two springs, one front and one back, and is fitted with rotating diaphragm inside the shutter case, having four openings.

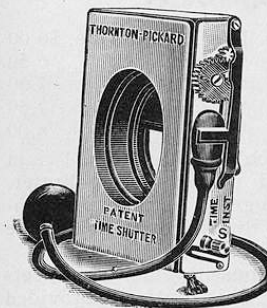
The Athlete attains a maximum speed of from $\frac{1}{300}$ to $\frac{1}{400}$ of a second, according to size. Using one spring on front, the speed is, closely enough for all practical purposes, that of the Triplex.

Using both springs the speed is more than twice that of the Triplex Shutter. The Athlete works at the diaphragm, same as the Triplex.

No.....	2	3	4	5	6	7	8
Aperture...	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$
Price.....	\$20.00	21.00	22.00	23.00	24.00	25.00	26.00



Thornton-Pickard Time and Instantaneous Shutter.



The introduction of the Patent Time and Instantaneous Shutter make it possible to give any exposure, from fractions of a second up to a minute or hours, without vibration, and therefore to dispense with the use of the lens cap entirely. This shutter is used for all kinds of work, both by professional and amateur photographers. The merits of the Thornton-Pickard Time and Instantaneous Shutter are so widely known that it is unnecessary to dwell upon them here.

The shutter is simplicity itself. There is no complicated mechanism to get out of order. It is a perfect substitute for the lens cap, and much more handy and reliable.

MAHOGANY SHUTTER. Speed up to $\frac{1}{30}$ of a second. Dimensions, $3\frac{3}{8} \times 2\frac{1}{4} \times \frac{7}{8}$ inches. Weight, $4\frac{1}{2}$ oz. The same shutter may be used with any number of lenses, of different sizes, by the use of Patent Adapters.

Size, inches,....	$1\frac{1}{2}$	$1\frac{5}{8}$	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	$4\frac{1}{2}$	5
Mahogany, Price,	\$9.00	9.00	9.75	11.00	12.75	14.75	16.75	18.75	20.75

Fitted with time exposure valve, extra, \$1.25.

FOCAL PLANE SHUTTER. WITH PATENT ADJUSTABLE SLIT.

Particulars of the smallest size: Speed (all sizes), $\frac{1}{20}$ up to $\frac{1}{1000}$ of a second. Dimensions, $5\frac{1}{2} \times 6\frac{1}{2} \times 1\frac{1}{4}$ inches (not including adapters). Weight, 10 ounces.

For those who desire to obtain instantaneous photographs of subjects having an extremely rapid movement, such as flying birds, animals and men leaping, jumping, etc., this is the best shutter. It gives a shorter exposure and passes a larger percentage of light than any other form.

The Focal Plane Shutter is made upon the roller blind principle. It fits at the back of the camera, and the dark slide fits into the back of the shutter. The shutter blind, therefore, works just in front of the plate and has a narrow slit in it the full width of the plate, which gives the exposure as it passes rapidly across. The speed is regulated by means of a small knob that winds up the driving spring, and also by altering the width of the adjustable slit. The speed indicator is always fitted to this shutter unless otherwise ordered.

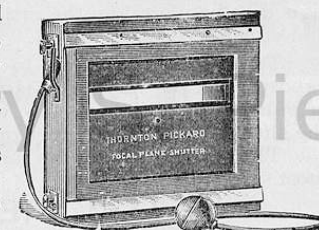
Size, inches,	$3\frac{1}{4} \times 4\frac{1}{4}$	4x5	5x7	5x8	$6\frac{1}{2} \times 8\frac{1}{2}$	8x10	10x12	12x15
Price,	\$15.75	18.00	22.00	25.00	26.00	30.00	38.00	46.50

LENS FLANGES.

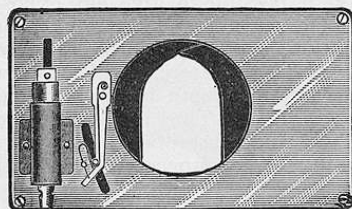
Number,	1	2	3	4	5	6	7	8	9	10	11
Diam., inches,	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	5	$5\frac{1}{2}$	6
Price, each	\$.50	.50	.75	1.00	1.00	1.25	1.50	1.75	2.00	2.50	3.00

LENS CAPS.

Number,	1	2	3	4	5	6	7	8	9	10	11	12
Diam., inches,	$1\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{7}{8}$	$2\frac{1}{8}$	$2\frac{3}{8}$	$2\frac{1}{2}$	$2\frac{3}{4}$	$3\frac{1}{8}$	$3\frac{3}{8}$	$4\frac{1}{8}$	$4\frac{3}{8}$	$5\frac{1}{8}$
Price, each,	\$.60	.60	.65	.70	.70	.75	.80	.90	1.00	1.10	1.20	1.25



LOW "KAZOO" SHUTTER, No. 1.



1 1/2 in. opening, 4 in. long, 2 3/4 in. wide, \$6.00
1 3/4 " " " 4 3/4 " " 2 3/4 " " 6.50
2 " " " 4 3/4 " " 3 1/2 " " 7.00
2 1/4 " " " 5 3/8 " " 3 3/8 " " 7.50
2 3/2 " " " 6 " " 4 1/2 " " 8.00

The Low "Kazoo" Shutter, No. 1, is a handsomely finished nickel-plated shutter. Can be instantly changed from time to instantaneous exposures, by simply moving the small lever to one side.

It requires no setting after either time or instantaneous movement, as it sets itself after every exposure without opening the wings. This shutter is provided with an adjustable spring back that will fit any size of lens tube.

LOW "KAZOO" SHUTTER, No. 2.

1 1/2 in. opening, 4 in. by 2 3/4 outside....\$6.00
1 3/4 " " 4 3/4 " " 2 3/4 " " 6.50
2 " " 4 3/4 " " 3 1/2 " " 7.00
2 1/4 " " 5 3/8 " " 3 3/8 " " 7.50
2 3/2 " " 6 " " 4 1/2 " " 8.00

The Low "Kazoo" Shutter, No. 2, is designed to be placed on the inside of a camera and attached to front board.

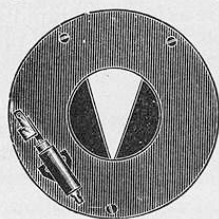
To change from time to instantaneous exposures it is only necessary to push in or pull out a small brass pin, which passes through the front board and into the shutter. It will balance open for any length of time while focusing.

The "Kazoo" gives the correct exposure, lighting the drapery or foreground most.

LOW VIEW SHUTTER, No. 8.

Price, \$4.00 each.

1 $\frac{1}{2}$ inch opening, 3 $\frac{7}{8}$ inches round.	2 inch opening, 4 $\frac{3}{4}$ inches round.
1 $\frac{3}{4}$ " " " 4 $\frac{1}{2}$ " " "	2 $\frac{1}{2}$ " " " 5 " " "



The Low View Shutter, No. 8, is designed to make only time exposures.

It is simply constructed and is a very practical shutter. It is nicely finished with japan front, with brass trimmings and cherry finished back.

LOW VIEW SHUTTER, No. 10.

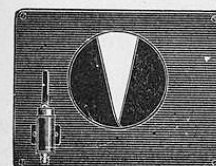
Price, \$6.00 each.

1½ inch opening, 3⅞ inches round.	2 inch opening, 4¾ inches round.
1¾ " " 4¼ " "	2½ " " 6 " "

The Low Shutter, No. 10, is the same as No. 8, with the addition of the instantaneous attachment. They can be readily changed from time to instantaneous exposures by moving the brass lever to one side.

LOW SHUTTER, No. 3.

Price, \$4.00 each.



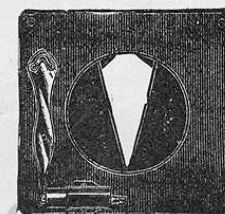
1 1/2 in. opening.....by 2 3/4 in. wide.....by 3 7/8 in. long
1 3/4 " " " 3 1/2 " " " 4 1/2 " " "
2 " " " 3 3/4 " " " 4 3/4 " " "
2 1/2 " " " 4 3/8 " " " 5 3/8 " " "
3 1/4 " " " 5 3/8 " " " 7 1/4 " " "
3 3/2 " " " 6 1/4 " " " 7 3/4 " " "
4 " " " 7 1/2 " " " 9 " " "

The Low Shutter, No. 3, is designed to be attached to the front board on the inside of the camera. It opens so as to light the drapery and foreground most. Will balance open while focusing. It is very simple in its construction and will not easily get out of order.

LOW SHUTTER, No. 6.

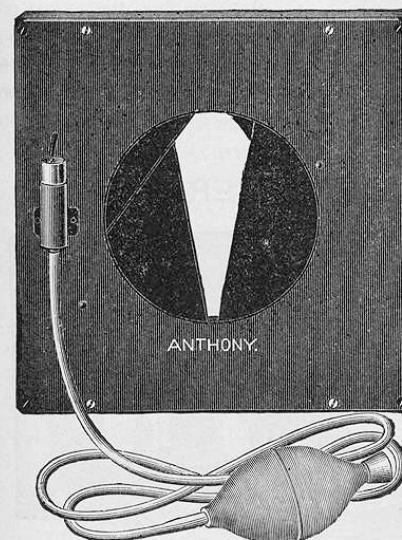
1 1/2 in. opening, 3 in. square.....\$5.50
1 3/4 " " 3 1/2 " " 5.50
2 " " 4 " " 6.00
2 1/2 " " 4 3/4 " " 6.00

The Low Shutter, No. 6, is exactly the same as No. 5; with the addition of an instantaneous attachment, which can only be applied to the four smallest sizes. To change from time to instantaneous exposures it is only necessary to push in or pull out a small brass pin, which passes through the front board into the shutter.



THE LOW SHUTTER, No. 5.

FOR STUDIO WORK.



The Low Shutter, No. 5, is the very best studio shutter made. Its general features are indicated in the accompanying cut, and it works lightly and easily. It has the special advantage of having a very large opening in a very small shutter, and is well adapted for cameras having small front boards.

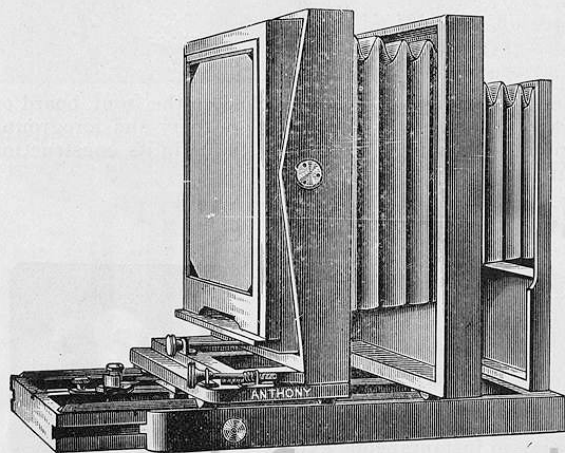
While not admitting of fast instantaneous work, this shutter, in small sizes, serves excellently for time view work.

1 1/2 in. opening, 3 in. square.....\$4.00
1 3/4 " " 3 1/2 " " 4.00
2 " " 4 " " 4.50
2 1/2 " " 4 3/4 " " 4.50
3 " " 5 3/8 " " 5.00
3 1/2 " " 6 1/4 " " 5.50
4 " " 7 1/4 " " 6.00
4 1/2 " " 8 1/4 " " 6.50
5 " " 9 " " 7.00

PORTRAIT CAMERAS.

CLIMAX PORTRAIT CAMERAS.

Fitted with the "Benster" Plate Holders.



No. 14B Climax Camera, with Telescopic Bed and Benster Holder.

Have double swing back, tangent screw motion and telescopic bed. These cameras are manufactured in the most substantial manner from the best of mahogany, and handsomely finished with all the late improvements, and are supplied with a lever attachment, by which the most minute adjustment of the focus may be instantly obtained. Anthony's Automatic Cabinet Attachments can be

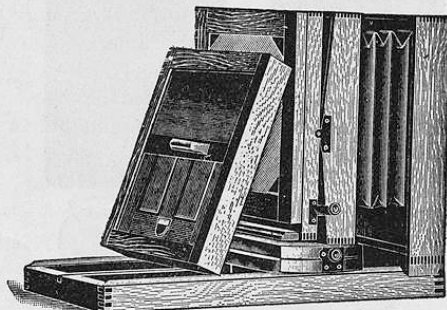
used with these cameras at additional prices quoted for same. Smaller size Benster Holders can also be used by means of an adapter, at small additional cost.

No. 13B.	11x14 and under; length of bed, 49 inches.....	Price \$64.00
" 14B.	14x17 " " 60 "	76.00
" 15B.	17x20 " " 65 "	90.00
" 16B.	18x22 " " 77 "	100 00
" 17B.	20x24 " " 77½ "	110.00

EUREKA PORTRAIT CAMERA.

Made of the best seasoned cherry, shellac finish, has double swing back, focus screw, best rubber bellows, and fitted with curtain slide Bonanza holder.

No. 26.	8x10.....	\$15.40
No. 27.	11x14.....	21.00



NEW YORK STUDIO OUTFIT.

Part I. 11C, 8x10 Mahogany Portrait Camera, of newest design, fitted with double swing back and patent lever focusing attachment; fitted also with curtain slide Benster Holder, the most perfect plate holder in existence..\$23.00

13C, 11x14 Camera, same as above55.00

Part II. Anthony's Automatic Cabinet Attachment, with one curtain slide holder, by means of which, in one movement, the ground glass is pushed aside and holder placed in position with slide automatically drawn, ready for exposure.....10.00

Extra holders, with curtain slide, 4¼x6½, 5x7 or 5x8, each..... 1.50

Attachment to fit 8x10 No. 11 C Camera, fitted with one 5x7 reversible holder (curtain

slide) for 5x7 vertical or horizontal, or two on 5x712.50

Extra 5x7 Reversible Holders, each..... 2.00

Same as above, but fitted to 11x14 Camera.....14.50

Part III. No. 1 New York Camera Stand, the most modern studio stand, having only one hand wheel for raising, lowering and tilting the top 18.50

Part IV. Holder Rack, carried on the side of the stand, and having

thirteen grooves for twelve plate holders..... 1.25

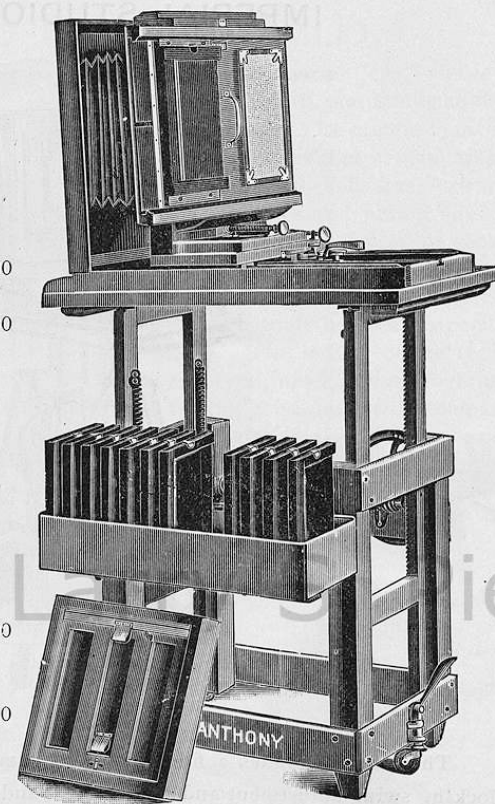
8x10 Outfit.....50.00

8x10 Outfit, with 5x7 Reversible Holder.....52.50

11x14 Outfit.....75.00

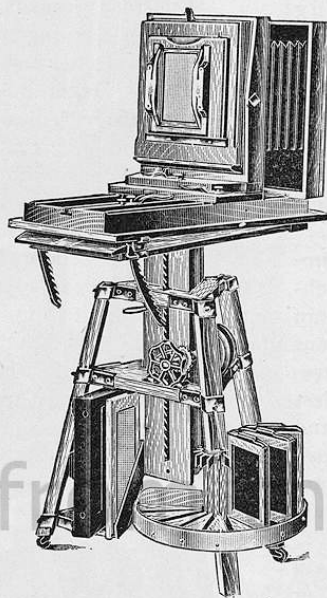
11x14 Outfit, with 5x7 Reversible Holder.....77.50

NOTE—The 13C Camera, which forms a part of the 11x14 outfit, has the telescopic bed.



8x10 New York Outfit.

IMPERIAL STUDIO OUTFIT.

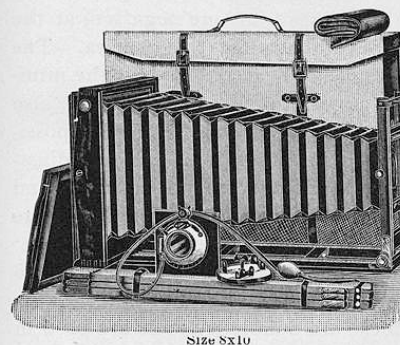


This outfit includes a finely polished camera, fitted with a patented self-locking swing adjustment and focus lever, and the Nelson Automatic Holder. It also includes reversible cabinet attachment, and Twentieth Century Stand, No. 4, fitted with circular rack to hold twelve 5x7 holders, as well as with plain rack for the 8x10 holder and ground glass. It is fitted with $6\frac{1}{2} \times 8\frac{1}{2}$, $4\frac{1}{4} \times 6\frac{1}{2}$ and $3\frac{1}{4} \times 4\frac{1}{4}$ kits, so that it is complete for all kinds of studio work from 8x10 down to $3\frac{1}{4} \times 4\frac{1}{4}$.

This outfit is very portable, as the stand may be taken apart and put together again without the use of any tools whatever, and when taken apart packs in smallspace. Despite this compactness the stand is very rigid and strong.

Price, \$43.00.

THE UNION PORTRAIT AND VIEW OUTFIT.



Consists of camera, lens, shutter, tripod, focusing cloth, one double holder and carrying case. The camera is made of selected mahogany and its trimmings are nickel polished. It has forward focus with fine rack and pinion adjustment. It is fitted with reversible back, and has both vertical and horizontal swings. The bellows is made of select Russia leather, and the focal capacity is 24 inches. The lens is of the rapid rectilinear type, of superior covering power and definition. It is not a cheap lens in any sense, and will compare favorably with lenses at double the price. The shutter is arranged for time, instantaneous and bulb exposure, and is fitted with iris diaphragm. The tripod is strong and durable, and the focusing cloth, a yard and a half long, is of superior quality.

Price, complete, 8x10 size, \$35.00. Same in $6\frac{1}{2} \times 8\frac{1}{2}$ size, \$34.00.

THE UNIVERSAL OUTFIT.

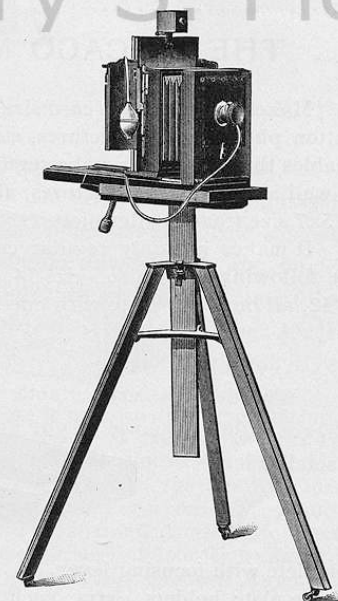
Comprises a 5x7 Portrait and Penny Photo Outfit in one, and is thus universal in the nature of the work it does. Has reversible back and is arranged to make 1, 2, 4, 6, 8, 9, 12, 15, 18, 20, 24 and 28 separate exposures on a 5x7 plate, using but one lens.

Outfit consists of camera, finder, lens, shutter, stand and one double holder.

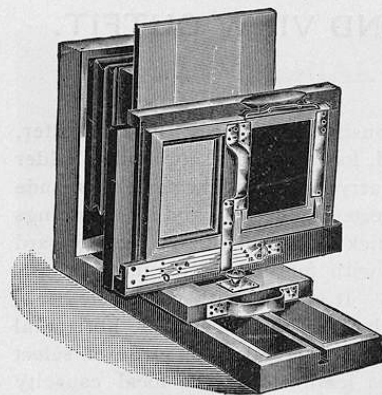
Price, complete, - - \$45.00.

Extra double holders, each, 1.35.

Four one-quarter size gem tubes, set in brass plate, one wet plate holder and diaphragms for four on a 5x7 plate, fitted to above camera, for \$10.00.



THE COLUMBIAN MULTIPLYING CAMERA.



For button pictures, stamp photos, penny pictures, etc. This is an entirely new camera, designed for those desiring to use an instrument for making a number of small pictures from one negative, at the minimum of cost for the camera. The mechanism has been reduced to the minimum in its simplicity, and the price also has been brought down to the lowest possible notch. The back is, of course, adjustable both vertically and horizontally, and the stops for making the several sizes are as simple as it is possible to produce.

The camera is made in two sizes, to accommodate all classes, and is fully warranted. The plate holders furnished with these are double, such as are used in the popular hand cameras, and have rubber slides. The 4x5 size takes one full size of plate, upright; also 4, 9 or 12 on the plate, with one lens, and of as many different subjects as there are exposures. The 5x7 takes one 5x7 or cabinet; also 4, 9, 12 or 24 on the plate, and of as many different subjects as there are exposures on the plate.

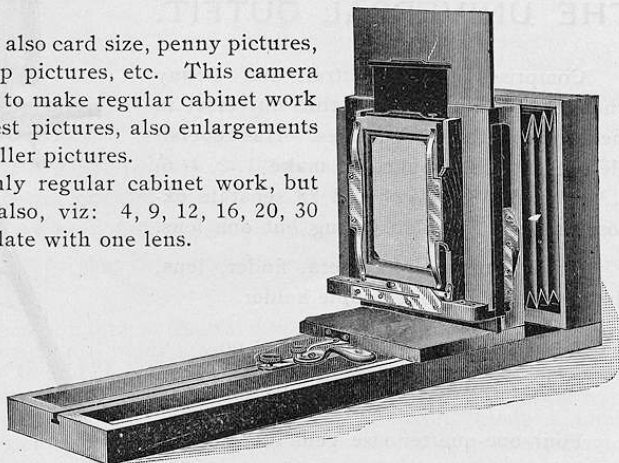
PRICE (Without Lens) Including One Double Plate Holder.

4x5.....	\$10.00	4x5 Extra Double Plate Holders..	1.00
5x7.....	12.00	5x7 " "	1.25

THE CHICAGO MULTIPLYING CAMERA.

Makes cabinets, also card size, penny pictures, button photos, stamp pictures, etc. This camera enables the operator to make regular cabinet work as well as the smallest pictures, also enlargements to 5x7 size from smaller pictures.

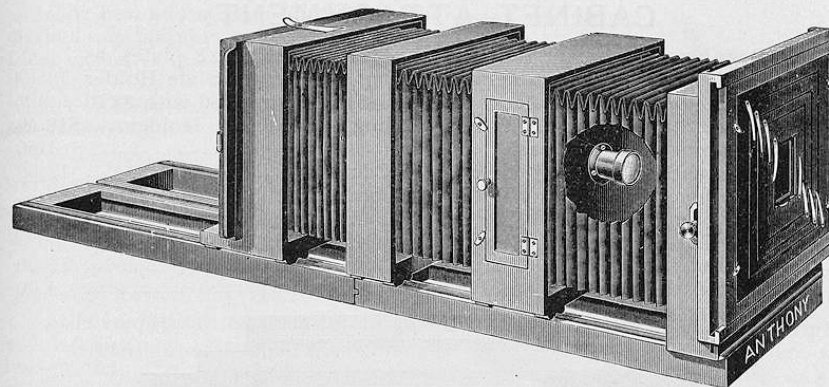
It makes not only regular cabinet work, but the following sizes also, viz: 4, 9, 12, 16, 20, 30 or 42, all on a 5x7 plate with one lens.



PRICE.

Complete with focusing lever.....	\$18.75
Double plate holders, extra, each.....	1.25

Climax Enlarging, Reducing and Copying Camera.



An important feature in this camera, that is found in no other, is that the center-board with lens can be used in the end of the camera, converting it at once into an extra-long copying camera. This will be found very advantageous in enlarging small pictures by one operation.

Size, 8x10.....	\$35.00	Size, 17x20.....	90.00
" 10x12.....	48.00	" 18x22.....	100.00
" 11x14.....	60.00	" 20x24.....	110.00
" 14x17.....	72.00		

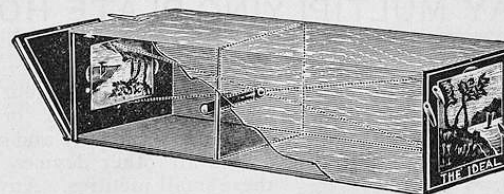
Both the outside kits and the holder kits are fitted with springs and are interchangeable, thus making possible any transposition of sizes desired.

Holder Kits for 8x10—4½x5½, 5x7, 5x8, 6½x8½.

" " 10x12, same as above, with addition of 8x10.	
" " 11x14, " " 10x12.	
" " 14x17, " " 11x14.	

Outside Kits, the same as above, in all sizes, with the addition of 3¼x4, 3¼x4½ and 4x5.

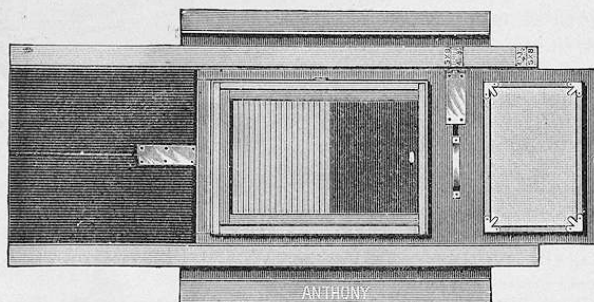
The Ideal 4x5 Lantern Slide Camera.



With the Ideal Lantern Slide Camera there is no focusing or centering to be done; all that is necessary is to slip the negative in at one end and the lantern slide plate at the other, and make the exposure. As it is a fixed focus camera, sharp slides can be the only result. The kit in the front is made reversible so as to accommodate vertical or horizontal negatives. The shutter is simple and cannot get out of order. The lens is the finest Achromatic Meniscus combination, which for depth of focus and sharpness of definition cannot be excelled. The boxes are strongly made of thoroughly seasoned wood, and make a handsome appearance. Price, \$5.00.

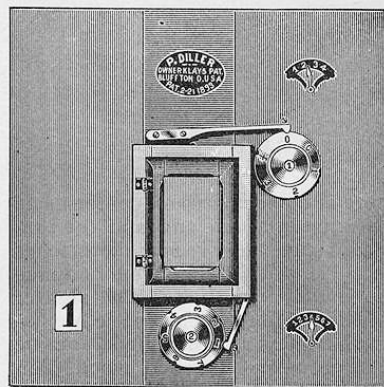
THE ANTHONY IMPROVED AUTOMATIC CABINET ATTACHMENT.

- No. 1. Regular Attachment (for one on $4\frac{1}{2} \times 6\frac{1}{2}$, 5x7 or 5x8 plates, as preferred), to fit on 8x10 camera, including one Curtain Slide Holder for either of above size plates. (This is same as supplied with 8x10 New York Studio Outfit.) Price including one Cabinet Holder....\$10.00
Extra Cabinet Holders, each..... 1.50
- No. 2. Same as No. 1, but fitted to 11x14 Camera..... 12.00
- No. 3. Attachment to fit 8x10 No. 11C Camera, with 8x10 Horizontal (Curtain Slide) Holder and Kits for 7x10 and $6\frac{1}{2} \times 8\frac{1}{2}$, for two exposures on 8x10, 7x10 or $6\frac{1}{2} \times 8\frac{1}{2}$ plate, or two each of 5x8, 5x7 or $4\frac{1}{2} \times 6\frac{1}{2}$ plates can be used in same..... 13.00
Extra 8x10 Holders, each 4.00



- No. 4. Same as No. 3, but fitted to 11x14 Camera..... 15.00
- No. 5. Attachment to fit 8x10 No. 11C Camera, fitted with one 5x7 Reversible Holder (Curtain Slide) for 5x7 Vertical or Horizontal, or two on 5x7..... 12.50
Extra 5x7 Reversible Holders, each..... 2.00
- No. 6. Same as No. 5, but fitted to 11x14 Camera..... 14.50
- No. 7. Attachment to fit 11x14 Camera, fitted with $6\frac{1}{2} \times 8\frac{1}{2}$ Reversible Holder, with Curtain Slide..... 16.50
Extra $6\frac{1}{2} \times 8\frac{1}{2}$ Reversible Holders, each..... 3.00

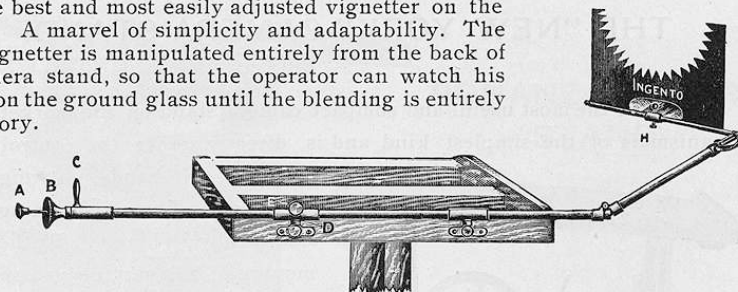
THE KLAY MULTIPLYING PLATE HOLDER



is a unique patented device for producing from 1 to 28 different pictures on a single plate, $4\frac{1}{2} \times 6\frac{1}{2}$ or 5x7 inches. For variety, novelty and convenience, it excels all other devices for producing these small pictures. Any photographer who once sees the Holder and its work wants one immediately. The engraving shown herewith is a proof of the efficiency of the Holder. If desired, a pamphlet showing full size cabinet half-tones will be sent on application. Will fit any 8x10 camera or larger. Price of Holder, \$15.00.

THE INGENTO VIGNETTER.

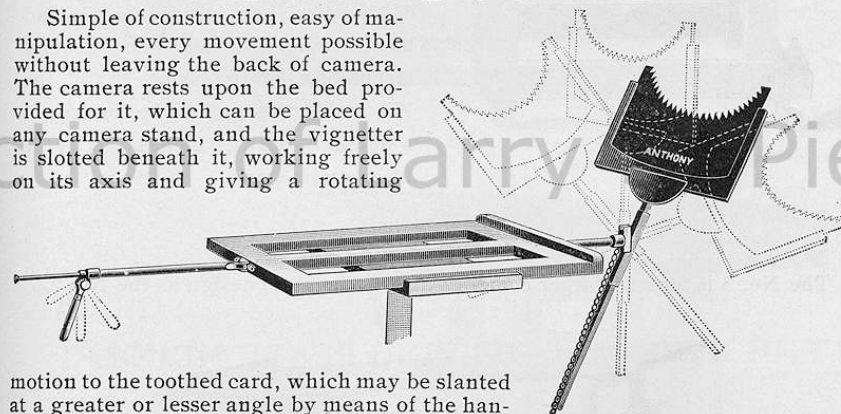
The best and most easily adjusted vignetter on the market. A marvel of simplicity and adaptability. The Ideal vignetter is manipulated entirely from the back of the camera stand, so that the operator can watch his subject on the ground glass until the blending is entirely satisfactory.



It is adapted to movements, forward and back, up and down, tips to right and left and can be slanted outward or inward to any degree. There are no rods or chains to catch, or any mechanism whatsoever to get out of order, as all movements work perfectly free and can be adjusted quickly. It is made of brass, beautifully nickel-plated, and is a handsome addition to any gallery outfit. When not in use the Vignetter can be removed instantly and hung up. Price, \$7.50.

THE FARRAND VIGNETTER.

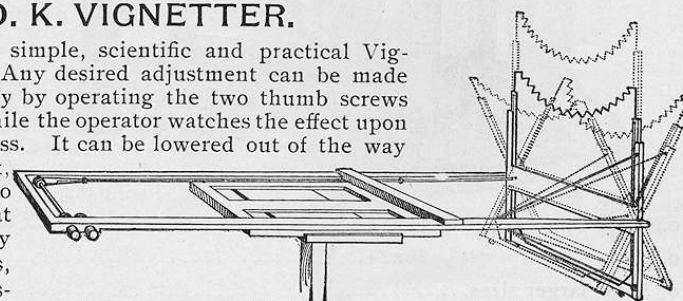
Simple of construction, easy of manipulation, every movement possible without leaving the back of camera. The camera rests upon the bed provided for it, which can be placed on any camera stand, and the vignetter is slotted beneath it, working freely on its axis and giving a rotating



motion to the toothed card, which may be slanted at a greater or lesser angle by means of the handle behind the camera, or may be raised or lowered by the small rod that runs through its axis and works upon the chain. Price, \$10.00.

O. K. VIGNETTER.

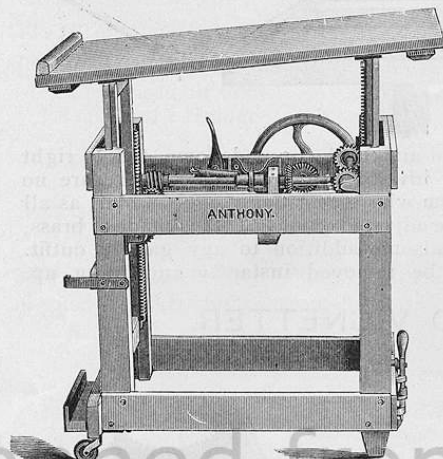
The most simple, scientific and practical Vignetter made. Any desired adjustment can be made almost instantly by operating the two thumb screws at the rear, while the operator watches the effect upon the ground glass. It can be lowered out of the way for group work, etc. It is so constructed that it will fit any make cameras, and without disturbing its adjustments. Finely finished in natural wood. Price, No. 1 for 8x10 camera, \$4.00; No. 2, for 11x14 camera, \$5.00.



THE "NEW YORK" CAMERA STAND.

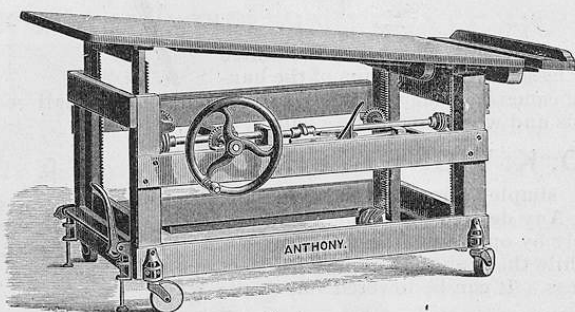
Is at once the most useful and compact camera stand on the market. The mechanism is of the simplest kind and is directly under the control of the operator. No bands, no weights, no set screws. The wheel, being at the side, is always handy. By the simple moving of a lever the gearing is so changed that the same wheel that elevates the stand also tilts the top. By the foot the rear castor may be thrown out of action, leaving the stand absolutely rigid and immovable.

The No. 2 "New York Stand" is designed to carry larger cameras, and has an extension top. The general mechanism is the same as in the No. 1, and the top may be lowered to a height of only 21 inches. It is the ideal studio stand.



No. 2.

The No. 3 is for still larger cameras, and of the same design as the No. 2.

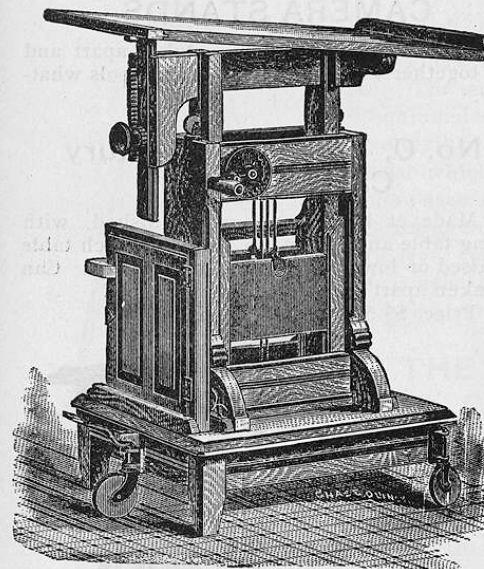


No. 3.

No. 1, for cameras up to 11x14.....	\$18.50
No. 2, " 20x24.....	26.50
No. 3, for larger sizes.....	38.00

BONANZA CAMERA STAND.

For cameras 8x10 to 11x14.
Finished in ash. Price, \$15.00.



"GEM CITY" LEVER CASTER

as shown in cut. For making camera stand rigid when in position. Price, \$1.00.

WIZARD CAMERA STAND.

Adjustable to any height by slightest pressure of hand. Automatic balance spring adjustable to any weight of camera. For cameras 8x10 to 11x14.

Price, \$16.50.



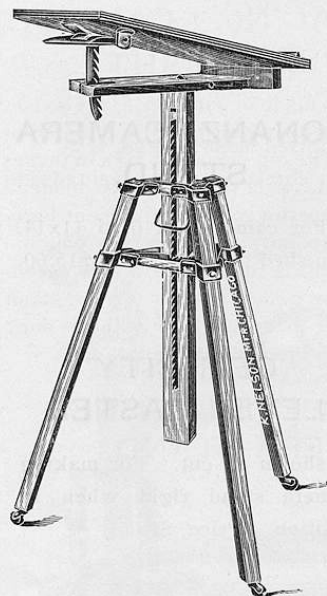
TWENTIETH CENTURY CAMERA STANDS.

This line of stands may be taken apart and put together without the use of any tools whatever.

No. 0, Twentieth Century Camera Stand.

Made of hard wood, well finished, with tilting table and automatic lock by which table is raised or lowered. Top 11x19 inches. Can be taken apart and set up without tools.

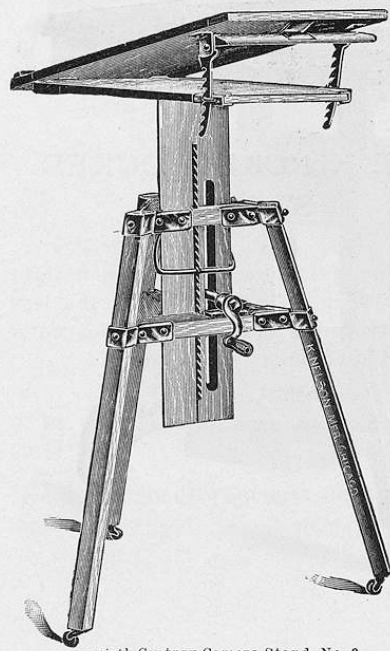
Price, \$3.50.



No. 0, Twentieth Century Camera Stand.

Twentieth Century, No. 1.

For cameras up to 8x10. Has automatic catch and tilts easily. Top 11x21.....\$5.00



Twentieth Century Camera Stand, No. 2.



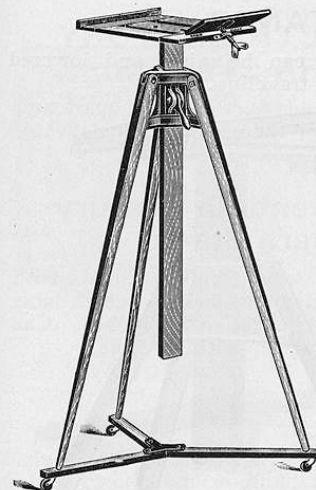
Twentieth Century Camera Stand, No. 1.

Twentieth Century, No. 2.

Similar to No. 1, but with handle for raising and lowering. Have automatic catch. For cameras up to 8x10. Top 14x22\$8.00

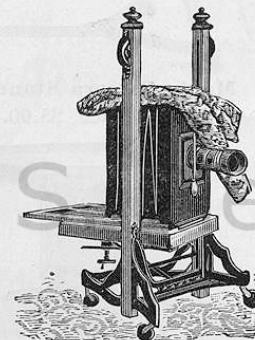
THE IDEAL No. 1 CAMERA STAND.

This stand is made of ash and finely finished. The metal parts are either nickel plated or aluminized. The top measures 14 $\frac{1}{2}$ x16 inches and is tilted by means of a worm-screw made of metal, which is superior to any attachment heretofore used for this purpose. Another original feature of this stand is that it has a new eccentric lever clamping device. By its use the stand is clamped tighter than by a screw, and is done in half the time. Price, \$3.00.



THE SEMI-CENTENNIAL CAMERA STAND.

The Semi-Centennial Camera Stand can be lowered to within 13 inches of the floor, this being lower than any other stand will admit of. It is the only stand using rubber wheels as casters, therefore it is perfectly noiseless. By means of coiled springs and a key, you can make it counterbalance any weight of camera from 8x10 to 11x14 inclusive. Price, \$25.00.

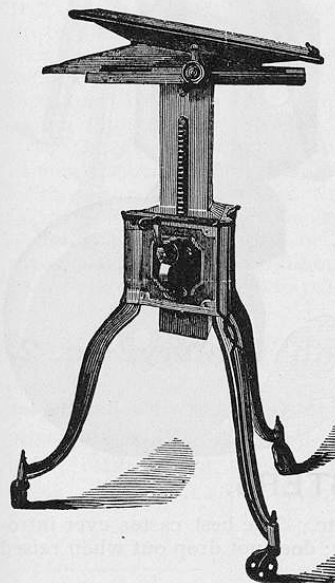


THE KNICKERBOCKER STAND.

The tops are attached to the upright with screws, in metallic ears, and the legs are firmly fastened with screws to the center piece, and are removed when packed.

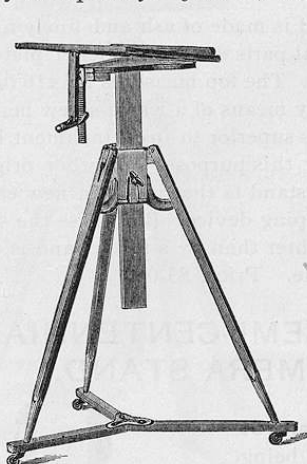
With Acme Top.

- | | |
|---|---------|
| No. 2, for 8x10 camera..... | \$9.50 |
| " 3, " 8x10 " | 12.00 |
| No. 4, for 8x10 camera, with Stoddard
Top..... | \$15.00 |

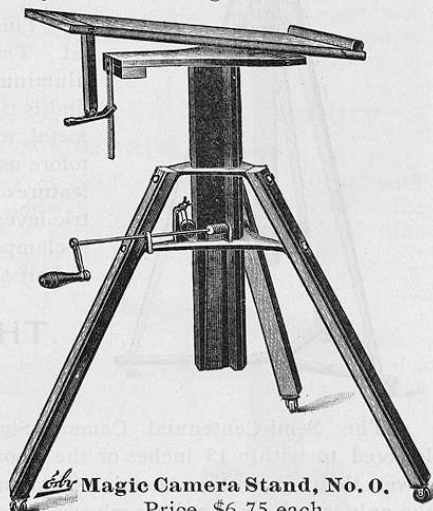


MAGIC CAMERA STANDS.

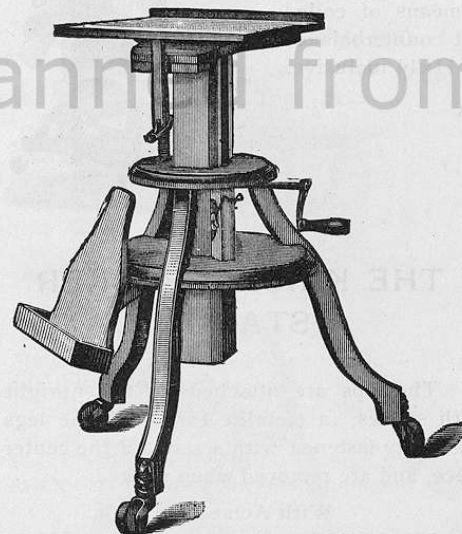
Polished oak, strongly made, knocks down, can be raised and lowered easily and quickly. Just the thing where you are traveling.



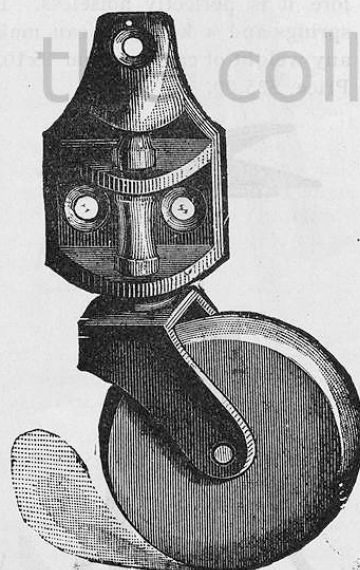
Magic Camera Stand, No. 00.
Price, \$3.00.



Magic Camera Stand, No. 0.
Price, \$6.75 each.



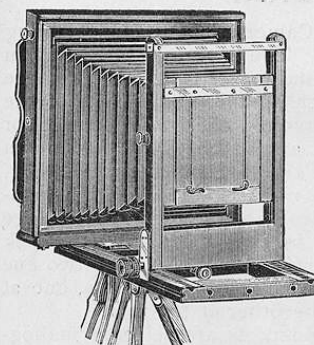
Magic Camera Stand, No. 1.
Price, \$9.00.



THE MAGIC CASTERS.

For backgrounds, camera stands, screens, etc. The best caster ever introduced for studio purposes. Wood wheel, 3 in.; does not drop out when raised off the floor. Price, per set of four, \$1.00.

KORONA VIEW CAMERA.



As its name implies, this is a camera for outdoor work. It is beautifully finished in mahogany with nickel plated metal work. Its range of movements are double swing-back, rising and falling front, reversible back, rack and pinion, and in addition to these it has exceptional bellows capacity. The bed is hinged in three parts so that wide angle lenses may be used without interfering.

Specifications.

Size	Weight	Focal Capacity	Dimen. when Folded
6½ x 8½	6 lbs.	19½ in.	11 x 11 x 3½ in.
8 x 10	7½ "	23 "	12½ x 12½ x 3½ "
10 x 12	10 "	28 "	

PRICE

includes canvas carrying case, one Korona holder, but no tripod. A short case to hold camera and six holders is supplied, but a long case to hold camera, six holders and tripod will be substituted at a small extra cost. Korona View, without lens and shutter, 6½ x 8½, \$22.00; 8x10, \$24.00; 10x12, \$35.00.

THE NEW EMPIRE STATE CAMERA.

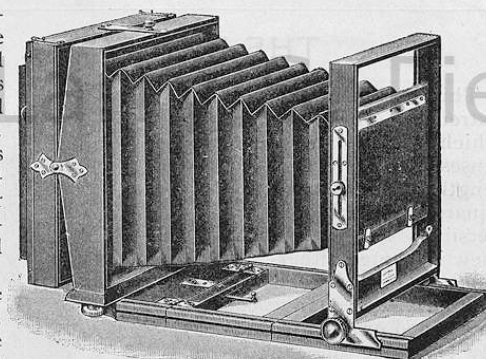
A thoroughly serviceable instrument, possessing all the adjustment requisite for general work, is the Empire State. It is made of selected mahogany and its trimmings are of solid brass. It has both front and rear focus up to and including the 11x14 size, larger sizes having the rear focus only. The focus is manipulated by a fine rack and pinion adjustment.

In the construction of the camera the bed is made to hinge, folding completely under the instrument, thus allowing lenses of extremely short foci to be used. The instrument has a rack and pinion, rising and falling front. The front board is made wide enough to permit the use of stereo lenses. It has also a double swing operating from the center.

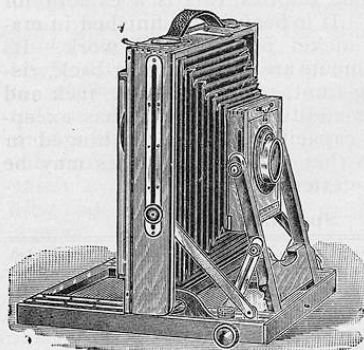
PRICE

includes canvas carrying case and Perfection holder. With sizes above 11x14 English book holders are supplied. The carrying case will contain two extra plate holders.

Size of View	Focal Capacity	Weight of Camera	Price
5 x 7	22½ inches	5 lbs.	\$19.00
6½ x 8½	26½ "	5¾ "	20.00
8 x 10	29½ "	7¾ "	22.00
11 x 14	37 "	11¾ "	34.00
14 x 17	48 "	23¾ "	50.00



KING VIEW CAMERA.



The King Camera has a double swing back and front. The back may be swung in either a horizontal or vertical direction, the front in a vertical plane. The back of the camera may be racked close to the front for the use of wide angle lenses. The camera box is square, the back being reversible, so that when a view is wanted either horizontally or vertically on the plate, the change may be effected by simply reversing the back instead of the entire camera. It has two fine rack and pinion focusing movements, one at the front and the other at the rear.

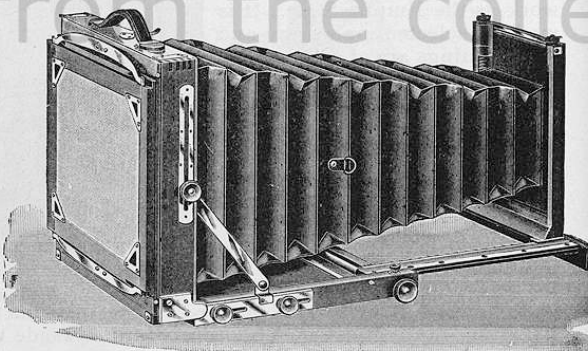
All the wood parts are selected mahogany, highly polished, and all metal parts are made of brass, polished and lacquered. The bellows is made of the best Russia leather. The price of the King includes one holder and canvas case.

PRICE.

Size of View	Focal Capacity	Weight of Camera	Price
5 x 7	17 inches	4 lbs.	\$36.00
6½ x 8½	21 "	5 "	40.00
8 x 10	24½ "	5½ "	45.00
11 x 14	33¼ "	11¼ "	55.00

THE UNIVERSAL CAMERA.

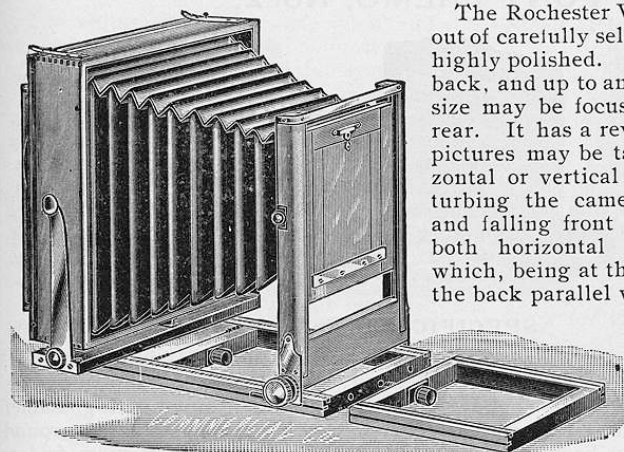
This instrument has an extremely long draw, which permits the use of lenses of extreme focal length. The camera box is square, the back being reversible, so that when a view is wanted either horizontally or vertically on the plate, the change can be effected quickly by simply reversing the back instead of the entire camera box. The ground glass frame is held to the camera back by two springs which allow it to recede so as to insert the holder between the ground glass and camera back.



Price includes canvas carrying case, one Perfection holder and Combination tripod. With sizes above 11x14 we send English book holder. Universal cameras, up to and including 8x10, are supplied with either a short or long canvas case. The former carries the camera and three holders. The latter holds camera, six holders and combination tripod, and in sizes up to 6½x8½ inclusive there is a space for lenses. In ordering, specify style of case desired.

Size of View	Focal Capacity	Weight of Camera	Price
5 x 7	17 inches	3½ lbs.	\$36.00
6½ x 8½	20¼ "	5¼ "	40.00
8 x 10	24 "	7½ "	45.00
11 x 14	30¾ "	13¼ "	55.00
14 x 17	36 "	21½ "	75.00
17 x 20	43 "	34 "	100.00

ROCHESTER VIEW CAMERA.



The Rochester View is made throughout of carefully selected mahogany, very highly polished. It has a double swing back, and up to and including the 11x14 size may be focused from the front or rear. It has a reversible back, so that pictures may be taken in either a horizontal or vertical position without disturbing the camera. It has a rising and falling front and is equipped with both horizontal and vertical swings, which, being at the center, always keep the back parallel with the lens.

The bellows is black and is made in the best possible manner of selected imported leather.

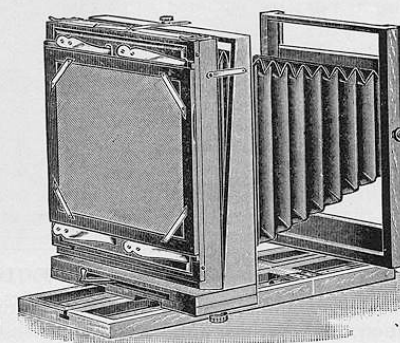
Price includes canvas carrying case and one dry plate holder. Other sizes to order.

PRICE.

Size of View	Focal Capacity	Weight of Camera	Price
5 x 7	16½ inches	4½ lbs.	\$17.00
6½ x 8½	17¼ "	5½ "	18.00
8 x 10	20 "	7 "	20.00
11 x 14	22½ "	10 "	31.00
14 x 17	28¼ "	11 "	45.00

THE FAVORITE CAMERA.

The Favorite Camera is fitted with reversible back, allowing the view to be taken in either a vertical or horizontal position without reversing the camera. The back focus allows any length or angle of lens to be used without the front obstructing the view. The adjustments also include the rising and falling front for regulating sky and foreground in the view, and double swing back, thereby obtaining the required position when photographing objects at a higher or lower level than the camera. A neat plumb or leveling device is attached to the side of the Favorite, insuring perfect pictures, as the camera can be leveled in an instant.

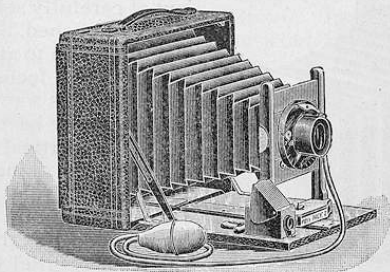


PRICE

Includes camera, carrying case and one double dry plate holder.

Size of View	Focal Capacity	Weight of Camera	Price
5 x 7	13¼ inches	4 lbs.	\$14.00
5 x 8	15½ "	4½ "	14.00
6½ x 8½	15½ "	5 "	14.00
8 x 10	18¼ "	6¼ "	15.50
11 x 14	23¾ "	10 "	24.00
14 x 17	28¾ "	17 "	35.00

PONY PREMO, No. 2.



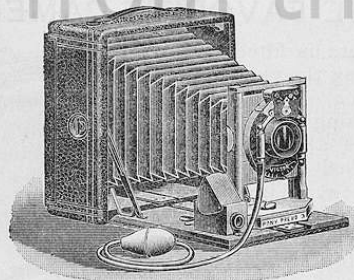
SPECIFICATIONS.

Dimensions, 6x6x2½; draw, 7 inches; box, solid mahogany, highly polished, dovetailed and covered with seal grain leather, and handle; metal equipment, polished and lacquered brass; bellows, red Russia leather, lined with gossamer cloth; front, rising and falling; back, reversible, with spring actuated ground glass screen; panel in back for focusing; finder, hooded brilliant view finder; level, double spirit pattern; tripod socket; shutter, Gem Automatic, with bulb and hose attachment; lens, Rapid Rectilinear; carrying case, one plate holder.

PRICES.

Camera complete, \$11.00. Premo Plate Holder, \$1.00. Shoulder Strap, 25c.

PONY RREMO, No. 3.



SPECIFICATIONS.

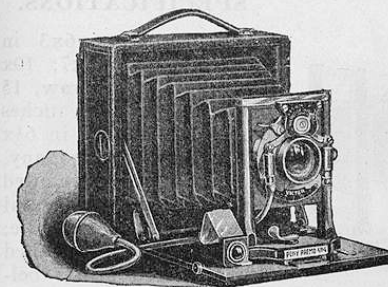
Dimensions, 6x6x2½; draw, 7 inches; box, solid mahogany, highly polished, dovetailed and covered with seal grain leather, and handle; metal equipment, polished and lacquered brass; bellows, red Russia leather, lined with gossamer cloth; front, rising and falling; back, reversible, with spring actuated ground glass screen; panel in back for focusing; swing back, operating from center; finder, hooded brilliant view finder; level, double spirit pattern; tripod socket; shutter, Victor, with bulb and hose attachment; lens, Rapid Rectilinear; carrying case, one plate holder.

PRICES.

Camera complete, \$15.00. Premo Double Plate Holder, \$1.00. Shoulder Strap, 25c.

PONY PREMO, No. 4.

SPECIFICATIONS.



Dimensions, 6x6x2½ for 4x5; 8x8x3 for 5x7; draw, 9 inches for 4x5, 13 inches for 5x7; box, solid mahogany, highly polished, dovetailed and covered with seal grain leather, and handle; metal equipment, polished and lacquered brass; bellows, red Russia leather, lined with gossamer cloth; front, rising and falling; rack and pinion; back, reversible, with spring actuated ground glass screen; panel in back for focusing; swing back, central; finder, hooded brilliant view finder; level, double spirit pattern; tripod socket; shutter, Victor with Iris diaphragms and finger and pneumatic release, bulb and hose attachment; lens, Rochester Symmetrical; removable lens board; carrying case, one plate holder.

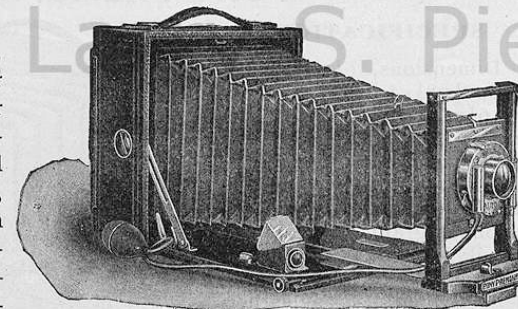
PRICES.

	4x5	5x7		4x5	5x7
Camera complete.....	\$20.00	\$27.00	Premo Plate Holder....	\$1.00	\$1.25
Wide Angle Lens.....	10.00	12.00	Shoulder Strap .....	.25	.25

PONY PREMO, No. 5.

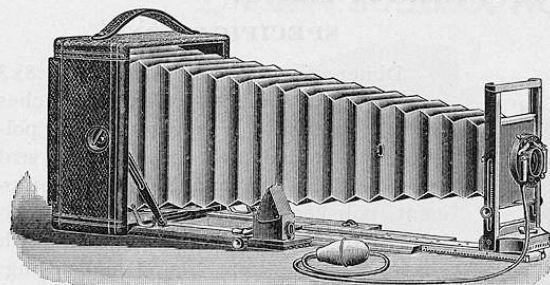
SPECIFICATIONS.

Dimensions, 6x6x3 for 4x5, 8x8x3½ for 5x7, 10x10x4 for 6½x8½; draw, 11 inches for 4x5, 15 inches for 5x7, 18 inches for 6½x8½; box, solid mahogany, highly polished, dovetailed and covered with seal grain leather, and handle; metal equipment, polished and lacquered brass; bellows, red Russia leather, lined with gossamer cloth, with rings; front rising and falling; removable lens board; rack and pinion; back, reversible, with spring actuated ground glass screen; panel in back for focusing; central swing back; finder, brilliant hooded reversible; level, double spirit pattern; tripod socket; shutter, Auto, with bulb and hose attachment; lens, Planatograph; carrying case, one plate holder.



PRICES.

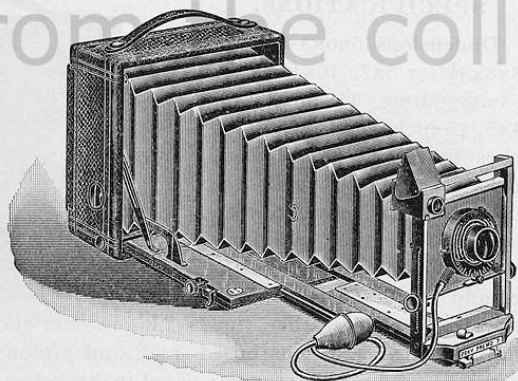
	4x5	5x7	6½x8½
Camera complete.....	\$27.00	\$35.00	\$45.00
Camera complete, with B. & L. Plastigmat Lens...	62.00	75.00	109.00
Wide Angle Lens.....	10.00	12.00	15.00
Premo Plate Holder.....	1.00	1.25	1.75
Shoulder Strap.....	.25	.25	.35

PONY PREMO, No. 6.**SPECIFICATIONS.**

Dimensions, 6x6x3 in 4x5; 8x8½x4 in 5x7; 10x10x5 in 6½x8½; draw, 15 inches in 4x5; 20 inches in 5x7; 24 inches in 6½x8½; box, solid mahogany, highly polished, dovetailed and covered with seal grain leather, with handle; metal equipment, polished and lacquered brass; bellows, red Russia leather, lined with gossamer cloth, with rings; front, rack and pinion adjustment, also rising and falling; focusing adjustment, rack and pinion, double acting, automatic, with screw clamping device; back, reversible, with spring actuated ground glass screen, panel in back for focusing; central swing back; finder, hooded brilliant view finder; level, double spirit pattern; removable lens board; two tripod sockets; shutter, Auto, with bulb and hose attachment; lens, Planatograph; sole leather carrying case, and one plate holder.

PRICES.

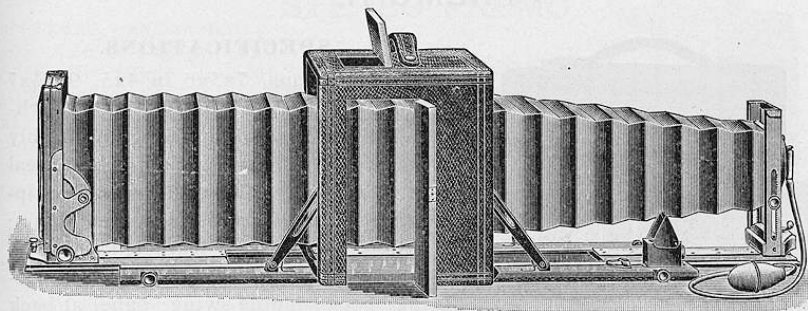
	4x5	5x7	6½x8½
Camera complete	\$33.00	\$42.00	\$55.00
Wide Angle Lens	10.00	12.00	15.00
Premo Plate Holder	1.00	1.25	1.75
Shoulder Strap25	.25	.35

PONY PREMO, No. 7.**SPECIFICATIONS.**

Dimensions, 6½x6½x3½ in 4x5, 8½x8½x4 in 5x7, 9½x9½x5 in 6½x8½; draw, 14½ inches in 4x5, 20 inches in 5x7, 24½ inches in 6½x8½; box, solid mahogany, highly polished, dovetailed and covered with elephant grain leather, with handle; metal equipment, polished and lacquered brass; bellows, red Russia leather, lined with gossamer cloth, with rings; front, rack and pinion, rising and falling; focusing adjustment, rack and pinion, double acting, automatic, with screw clamping device; bed, split and drop, with additional sectional bed; back, reversible, with spring actuated ground glass screen; panel for focusing; central swing back operated by rack and pinion; finder, hooded brilliant view finder; level, double spirit pattern; removable lens board; two tripod sockets; shutter, Auto, Iris diaphragm, with bulb and hose attachment; lens, Planatograph; sole leather carrying case, velvet lined; one plate holder.

PRICES.

	4x5	5x7	6½x8½
Camera Complete	\$45.00	\$60.00	\$80.00
With Wide Angle, extra	10.00	12.00	15.00
Premo Plate Holders	1.00	1.25	1.75
Shoulder Straps .....	.25	.25	.35

THE LONG FOCUS PREMO.**SPECIFICATIONS.**

Dimensions, 7½x7x8 in 4x5, 10x7½x10½ in 5x7, 11½x9x12 in 6½x8½, 13½x10x14 in 8x10; draw, 25 inches in 4x5, 33 inches in 5x7, 41 inches in 6½x8½, 47 inches in 8x10; box, solid mahogany, highly polished and dovetailed, covered with the best seal grain leather, with handle; metal equipment, polished and lacquered brass; bellows, red Russia leather, lined with gossamer cloth; front, rising and falling, operated by rack and pinion; back, reversible, with spring actuated ground glass screen; swing back, rack and pinion operation; panel in back for focusing; rack and pinion both at front and rear; clamping device both at front and rear; extension bed both at front and rear, drop bed for use with wide angle lenses; view finder, brilliant hooded; level, double spirit pattern; shutter, Auto, bulb and hose attachment; lens, Tele-Photo three focus; one plate holder.

PRICES.

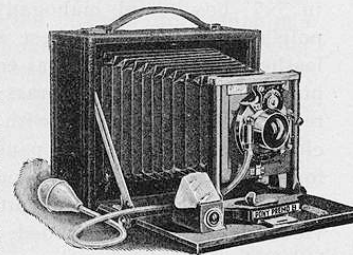
	4x5	5x7	6½x8½	8x10
Camera complete	\$45.00	\$60.00	\$80.00	\$100.00
Wide Angle Lens	10.00	12.00	15.00	18.00
Premo Plate Holder	1.00	1.25	1.75	2.00
Black Sole Leather Case	3.00	4.00	5.50	6.50
Shoulder Strap25	.25	.35	.35

PONY PREMO B.**SPECIFICATIONS.**

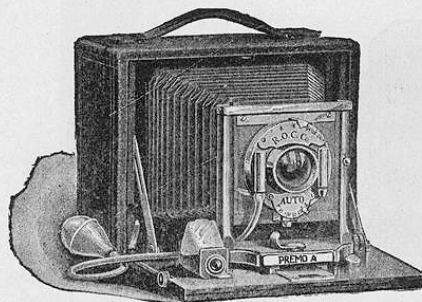
Dimensions, 5½x4½x2½ in 3½x4½, 6x3½x2½ in 4x5, 8½x6½x3 in 5x7; draw, 5½ inches in 3½x4½, 6½ inches in 4x5, 8 inches in 5x7; box, solid mahogany, highly polished and dovetailed, covered with best seal grain leather, and handle; metal equipment, lacquered brass; bellows, red Russia leather, lined with gossamer cloth; front, rising and falling; rack and pinion focusing attachment; panel in rear for focusing; finder, hooded brilliant view finder; level, double spirit pattern; removable lens board; tripod socket; shutter, Victor, with Iris diaphragm, bulb and hose attachment; lens, Symmetrical; carrying case, one plate holder.

PRICES.

	3½x4½	4x5	5x7
Camera complete	\$18.00	\$18.00	\$25.00
Wide Angle Lens	10.00	10.00	12.00
Premo Plate Holder	1.00	1.00	1.25
Shoulder Strap .....	.25	.25	.25



PREMO A.



SPECIFICATIONS.

Dimensions, 7x5x6 in 4x5, 9x5½x7 in 5x7; draw 10 inches in 4x5, 12 inches in 5x7; box, solid mahogany, highly polished and covered with best seal grain leather, with handle; metal equipment, polished and lacquered brass; bellows, red Russia leather, lined with gossamer cloth; front, rising and sliding; back, double swing; panel at back for focusing; rack and pinion focusing attachment; back, space for accommodation of plate holders; finder, reversible brilliant view; level, double spirit pattern; removable lens board; two tripod sockets; shutter, Auto, with bulb and hose attachment; lens, Planatograph; one plate holder.

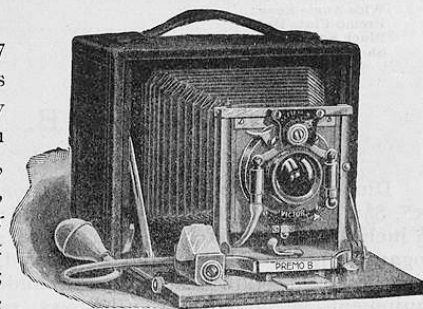
PRICES.

	4x5	5x7
Camera complete.....	\$27.00	\$35.00
Wide Angle Lens.....	10.00	12.00
Premo Plate Holder.....	1.00	1.25
Black Sole Leather Case.....	2.50	3.50
Shoulder Strap.....	.25	.25

PREMO B.

SPECIFICATIONS.

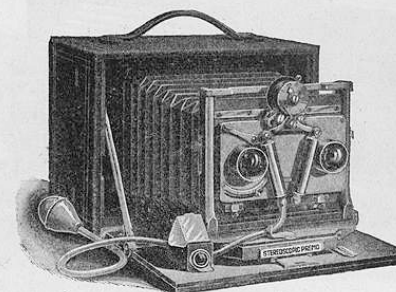
Dimensions, 6x5x6 in 4x5, 9x5½x7 in 5x7; draw, 9½ inches in 4x5, 12 inches in 5x7; box, solid mahogany, highly polished, covered with best seal grain leather, with handle; metal equipment, polished and lacquered brass; bellows, red Russia leather, lined with gossamer cloth; back, single swing; panel in back for focusing; front, rising and sliding; rack and pinion focusing attachment; view finder, brilliant hooded; back, space for accommodation of plate holders; level, double spirit pattern; removable lens board; two tripod sockets; shutter Victor; lens, Symmetrical; one plate holder.



PRICES.

	4x5	5x7
Camera complete.....	\$30.00	\$35.00
Wide Angle Lens, extra.....	10.00	12.00
Premo Plate Holder.....	1.00	1.25
Black Sole Leather Carrying Case.....	2.50	3.50
Shoulder Strap.....	.25	.25

STEREO PREMO.

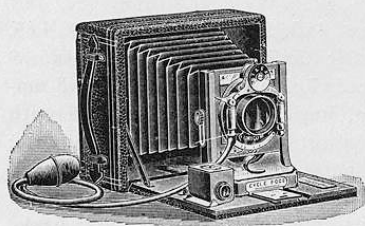


Increased interest, not only on the part of the beginner, but the advanced amateur and professional as well, has been manifested in stereoscopic photography during the past year. Stereoscopic photography may be made not only a source of pleasure, but profit also. The real object in the stereo photograph is to produce what is called "binocular vision." In other words, Stereo Premo A or B will produce pictures which, when mounted and viewed through a stereoscope, give to the observer the same realistic view of the object that the two eyes of a person see in nature. The Stereo Premo, which we list in two styles, identical with Premo A and Premo B, with the exception of the wide front and stereo partition, are easily the leading stereo cameras of the world. They possess the general features of excellence which characterize the individual styles just indicated. Both Stereo Premo A and Stereo Premo B are equipped with the Bausch & Lomb stereo shutter. This shutter possesses all the desirable features which characterize the perfect single shutter. The opening and closing of the leaves is absolutely synchronous, making both pictures exactly alike. The speed regulator gives all speeds required, from one one-hundredth of a second to three seconds. In each camera particular care is exercised in inspecting and matching the lenses, so that perfect results are obtained. Both Stereo Premo A and Stereo Premo B are made only in 5x7 sizes. Specifications same as Premo A and Premo B, except shutter and lenses.

PRICES.

Stereo Premo A, with lens and shutter.....	\$55.00
Stereo Premo A, without lens and shutter.....	31.00
Stereo Premo B, with lens and shutter.....	48.00
Stereo Premo B, without lens and shutter.....	24.00
Auto Lens and Shutter, extra with stereo.....	12.00
Victor Lens and Shutter, extra with stereo.....	10.00
Premo Plate Holders.....	1.25
Black Sole Leather Case.....	3.50
Shoulder Strap.....	.25

CYCLE POCO, No. 3.



DETAIL OF EQUIPMENT.

Sizes, 4x5, 5x7; measurements, 4x5, 6x 5½x2½; 5x7, 8½x6½x3; draw, 4x5, 9 inches, 5x7, 10½ inches; box, solid mahogany, highly polished, covered with best seal grain leather, with handle; metal parts, polished and lacquered brass; bellows, red Russia leather, lined with gossamer cloth; front, rising; back, detachable, with spring actuated ground glass screen, and panel in back for focusing; lens board, removable; shutter, Unicum, with bulb and hose attachment; lens, Rapid Rectilinear; finder, Poco view finder and level combined; tripod sockets, two; carrying case, olive sole leather; plate holder, one.

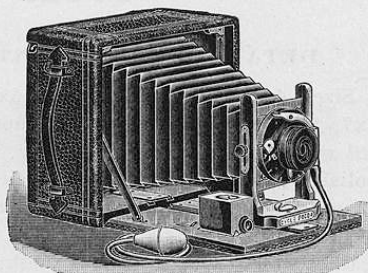
PRICES.

	4x5	5x7
Camera complete.....	\$18.50	\$19.00
Poco Plate Holder.....	1.00	1.25
Shoulder Strap.....	.25	.25

CYCLE POCO, No. 4.

DETAIL OF EQUIPMENT.

Sizes, 4x5, 5x7; measurements, 4x5, 6x5½x2½; 5x7, 8½x6½x3; draw, 4x5, 9 inches; 5x7, 10½ inches; box, solid mahogany, highly polished, covered with best seal grain leather, with handle; metal parts, polished and lacquered brass; bellows, red Russia leather, lined with gossamer cloth; front, rising and falling; back, detachable, with spring actuated ground glass screen; panel in back for focusing; shutter, Gem, with bulb and hose attachment; lens, Rapid Rectilinear; finder, Poco view finder and level combined; tripod sockets, two; carrying case, olive sole leather; plate holder, one.

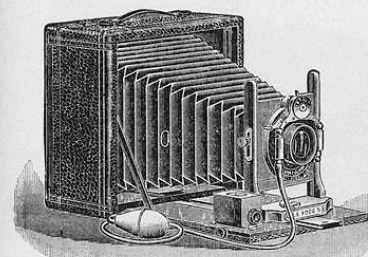


PRICES.

	4x5	5x7
Camera complete.....	\$10.00	\$15.00
Poco Plate Holder.....	1.00	1.25
Shoulder Strap.....	.25	.25

CYCLE POCO, No. 5.

DETAIL OF EQUIPMENT.



Sizes, 4x5, 5x7; measurements, 4x5, 6x6x3; 5x7, 8½x8½x3; draw, 4x5, 12 inches; 5x7, 15½ inches; box, solid mahogany, highly polished, covered with best seal grain leather, with handle; metal parts, polished and lacquered brass; bellows, red Russia leather, lined with gossamer cloth, with rings; front, rising and falling, lens board detachable; back, reversible, with spring actuated ground glass screen; panel in back for focusing; rack and pinion, single; finder, Poco view finder and level combined; tripod sockets, one; shutter, Wollensak, automatic, with bulb and hose attachment; lens, Rochester Symmetrical; carrying case, olive sole leather; plate holder, one.

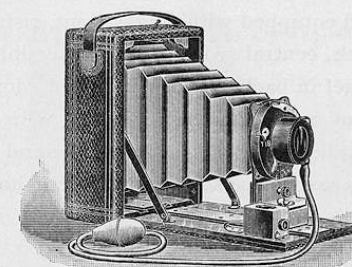
PRICES.

	4x5	5x7
Camera complete.....	\$20.00	\$27.00
Poco Plate Holder.....	1.00	1.25
Shoulder Strap.....	.25	.25

THE POCKET POCO.

DETAIL OF EQUIPMENT.

The Pocket Poco is equipped with a Rapid Rectilinear lens and Gem Shutter, insuring perfect definition and the complete covering of the plate or film at any exposure. The instrument is made entirely of mahogany, covered with seal grain leather of the finest quality, and has a Brilliant View Finder. It has also a ground glass screen for focusing.

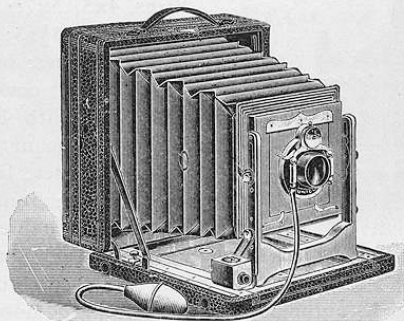


As will be noted by the illustration, it has convenient carrying strap, and is in all ways a complete and perfect instrument. With it is furnished a carrying case which will hold, besides the camera, six plate holders. We also furnish a case for six single holders, as well as a separate case for carrying twelve holders. Each of these cases is equipped with a carrying strap.

PRICES.

	3¼x4¼
Camera complete.....	\$9.00
Pocket Holder.....	.35
Carrying case.....	1.75

TELE-PHOTO CYCLE POCO B.



DETAIL OF EQUIPMENT.

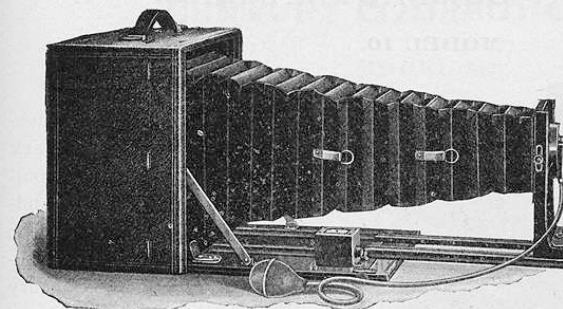
Sizes, 4x5, 5x7, $6\frac{1}{2} \times 8\frac{1}{2}$, 8x10; measurements, 4x5, $6\frac{1}{2} \times 6\frac{1}{2} \times 3\frac{3}{8}$; 5x7, $8\frac{1}{2} \times 8\frac{1}{2} \times 3\frac{3}{8}$; $6\frac{1}{2} \times 8\frac{1}{2}$, $9\frac{7}{8} \times 9\frac{7}{8} \times 3\frac{3}{8}$; 8x10, $11\frac{3}{4} \times 11\frac{3}{4} \times 4$; draw, 4x5, 12 inches; 5x7, 18 inches; $6\frac{1}{2} \times 8\frac{1}{2}$, 21 inches; 8x10, 24 inches; box, solid mahogany, highly polished, covered with best seal grain leather, with leather handle; metal parts, polished and lacquered brass; bellows, red Russia leather, lined with gossamer cloth and equipped with rings; front, rising; lens board removable; front, swinging; back, central swing; back, reversible, with spring actuated ground glass screen; panel in back for focusing; bed, double extension; rack and pinion, double at front and rear; shutter, Auto, with bulb and hose attachment; lens, Planatograph; finder, Poco view finder and level combined; tripod sockets, two; carrying case, olive sole leather; plate holder, one.

PRICES.

	4x5	5x7	$6\frac{1}{2} \times 8\frac{1}{2}$	8x10
Camera complete	\$33.00	\$42.00	\$ 54.00	\$ 68.00
Camera complete, with Bausch & Lomb Plagmat, No. 2.	66.50	No. 3, 80.50	No. 5, 115.50	No. 6, 140.50
Camera complete, Voigt, Collinear, Series II.....	No. 2, 66.50	No. 4, 92.50	No. 6, 145.50	No. 7, 190.50
Camera complete, Zeiss, Series VIIa	No. 3, 86.00	No. 8, 107.50	No. 12, 116.00	No. 17, 218.00
Camera complete, Goetz Double Anastigmat, Ser. III, No. 1.	71.50	No. 2, 84.00	No. 4, 116.00	No. 6, 157.50
Extra, Volute Shutter in place of Auto.....	9.00	10.00	12.00	14.00
Wide Angle Lens, extra.....	10.00	12.00	15.00	18.00
Poco Plate Holder.....	1.00	1.25	1.75	2.00
Shoulder Strap.....	.25	.25	.35	.35

TELE-PHOTO CYCLE POCO, C.

DETAIL OF EQUIPMENT.



Sizes, 4x5, 5x7, $6\frac{1}{2} \times 8\frac{1}{2}$, 8x10; measurements, 4x5, $6\frac{1}{2} \times 6\frac{1}{2} \times 3\frac{3}{8}$; 5x7, $8\frac{1}{2} \times 8\frac{1}{2} \times 3\frac{3}{8}$; $6\frac{1}{2} \times 8\frac{1}{2}$, $10\frac{1}{2} \times 10\frac{1}{2} \times 4$; 8x10, $11\frac{3}{4} \times 11\frac{3}{4} \times 4$; draw, 4x5, 12 inches; 5x7, 17 $\frac{1}{2}$ inches; $6\frac{1}{2} \times 8\frac{1}{2}$, 21 inches; 8x10, 24 inches; box, solid mahogany, highly polished, covered with best seal grain leather, with handle; metal parts, polished and lacquered brass; bellows, red Russia leather, lined with gossamer cloth, equipped with rings; front, rising and falling; lens board removable; rack and pinion, double, operating extension beds; back, reversible, with spring actuated ground glass screen; panel in back for focusing; back, central swing; bed, triple extension; level, Poco ball level; finder, hooded brilliant view finder; tripod sockets, two; shutter, Auto, with bulb and hose attachment; lens, Planatograph; carrying case, olive sole leather; plate holder, one.

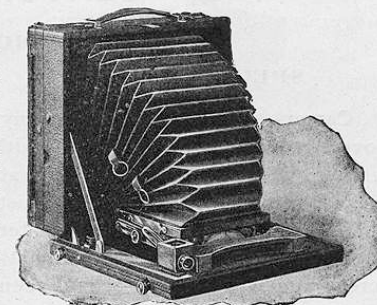
PRICES.

	4x5	5x7	$6\frac{1}{2} \times 8\frac{1}{2}$	8x10
Camera complete.....	\$32.00	\$40.00	\$52.00	\$65.00
Wide Angle Lens, extra.....	10.00	12.00	15.00	18.00
Poco Plate Holder.....	1.00	1.25	1.75	2.00
Shoulder Strap.....	.25	.25	.35	.35

TELE-PHOTO CYCLE POCO D.

DETAIL OF EQUIPMENT.

Sizes, 4x5, 5x7, $6\frac{1}{2} \times 8\frac{1}{2}$, 8x10; measurements, 4x5, $6\frac{1}{2} \times 6\frac{1}{2} \times 3\frac{3}{8}$; 5x7, $8\frac{1}{2} \times 8\frac{1}{2} \times 3\frac{3}{8}$; $6\frac{1}{2} \times 8\frac{1}{2}$, $10\frac{1}{2} \times 10\frac{1}{2} \times 3\frac{3}{8}$; 8x10, $11\frac{3}{4} \times 11\frac{3}{4} \times 3\frac{3}{8}$; draw, 4x5, 11 inches; 5x7, 16 inches; $6\frac{1}{2} \times 8\frac{1}{2}$, 18 inches; 8x10, 21 $\frac{1}{2}$ inches; box, solid mahogany, highly polished, covered with best seal grain leather, with handle; metal parts, polished and lacquered brass; bellows, red Russia leather, lined with gossamer cloth, with rings; front, rising and falling; rack and pinion, single, operating extension bed; back, reversible, with spring actuated ground glass screen; panel in back for focusing; back, central swing; bed, double extension; lens board, removable; tripod socket, one; shutter, Auto, with bulb and hose attachment; lens, planatograph; finder, Poco view finder and level combined; carrying case, olive seal leather; plate holder, one.

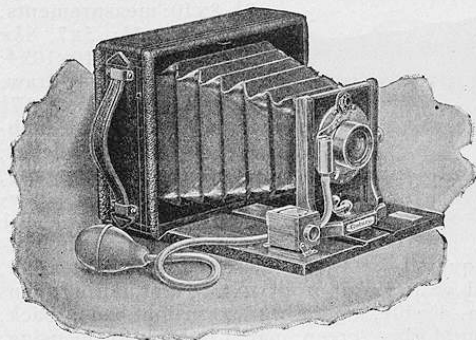


PRICES.

	4x5	5x7	$6\frac{1}{2} \times 8\frac{1}{2}$	8x10
Camera complete.....	\$37.00	\$35.00	\$45.00	\$58.00
Camera complete, with Plagmat Lens.....	62.00	75.00	109.00	131.50
Wide Angle Lens, extra.....	10.00	12.00	15.00	18.00
Poco Plate Holder.....	1.00	1.25	1.75	2.00
Shoulder Strap.....	.25	.25	.35	.35

CENTURY COMPACT CAMERA.

MODEL 10.



SPECIFICATIONS.

Camera box, mahogany, dove-tailed and covered with black leather; metal parts, brass, polished and lacquered; bed, handsomely polished, piano finish; front, adjustable above and below the center; lens, Century Rapid Rectilinear; shutter, Century Automatic, No. 3; operates for instantaneous, time and bulb exposures; finder, reversible; dimensions, 4x5, $5\frac{1}{4} \times 2 \times 6\frac{3}{8}$ inches; 5x7, $6\frac{1}{2} \times 2\frac{3}{4} \times 8\frac{1}{2}$ inches; weight, 4x5, 21 ounces; 5x7, 32 ounces.

PRICES

Including one double plate holder and carrying case with handle:

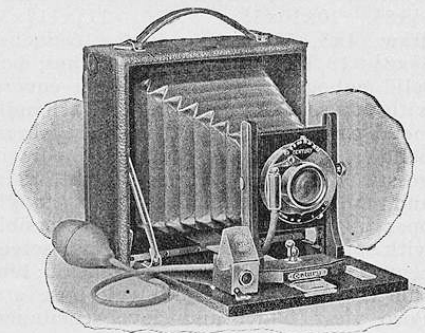
	4x5	5x7
Century Compact Camera, Model 10.....	\$9.00	\$13.00
Extra Double Plate Holders, each.....	.80	1.00

CENTURY CAMERA.

MODEL 11.

SPECIFICATIONS.

Camera box, solid mahogany, dovetailed joints and covered with leather; bed, polished mahogany, attached with piano hinge; front, adjustable above and below the center; back, reversible, with automatic screen and wooden panel; lens, Century Rapid Rectilinear; shutter, Century Automatic, No. 3, with triplicate movement; finder, reversible, brass bound and hooded; plates and film may be used.



PRICES.

	$3\frac{1}{4} \times 4\frac{1}{4}$	4x5	5x7
Century Camera, Model 11	\$11.00	\$11.00	\$16.00
Extra Plate Holders, each.....	.80	.80	1.00
Cartridge Roll Film Holder, fitted.....	5.00	5.00	6.50

CENTURY COMPACT CAMERA.

MODEL 11A.

SPECIFICATIONS.

This camera is Model 11 with swing back and swing bed added, and in place of the Rapid Rectilinear Lens with No. 3 Automatic Shutter, Model 11A has our Rapid Symmetrical Lens, and the No. 2 Automatic Shutter, making a most efficient and desirable equipment.

PRICES.

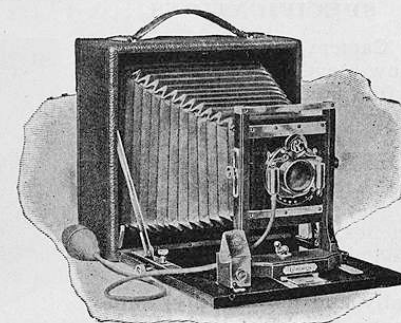
	$3\frac{1}{4} \times 4\frac{1}{4}$	4x5	5x7
Century Camera, Model 11A	\$14.00	\$14.00	\$20.00
Extra Plate Holders.....	.80	.80	1.00
Cartridge Roll Holder, fitted.....	5.00	5.00	6.50

CENTURY CAMERA,

MODEL 12.

SPECIFICATIONS.

Camera box, solid mahogany, dove-tailed and covered with fine black leather; bed, polished mahogany, attached with piano hinge; rack and pinion for focusing; front, adjustable, for regulating sky and foreground; back, reversible, with automatic screen and wooden panel; swing, both swing back and swing bed; lens, Century Rapid Symmetrical; shutter, Century Regular Double Valve, No. 4, triplicate movement; finder, three lens Brilliant, brass bound and hooded; plates and film may be used.



PRICES

Including one double plate holder and sole leather carrying case with handle:

	$3\frac{1}{4} \times 4\frac{1}{4}$	4x5	5x7
Century Camera, Model 12.....	\$18.00	\$18.00	\$24.00
Extra Plate Holders, each.....	.80	.80	1.00
Wide Angle Lens, extra.....	8.00	8.00	10.00
Cartridge Roll Film Holder, fitted.....	5.00	5.00	6.50

CENTURY CAMERA.**MODEL 14.****SPECIFICATIONS.**

Camera box, solid mahogany, dovetailed and covered with fine black leather; bed, polished mahogany, attached with piano hinge; bellows of sufficient length to use back combination of lens alone; focal capacity, 4x5, 11 inches; 5x7, 15½ inches; rack and pinion for focusing; front, adjustable, for regulating sky and foreground; back, reversible, with automatic screen

and wooden panel; swing, both swing back and swing bed; lens, Century Rapid Convertible; shutter, Century Automatic, No. 1, with triplicate movement; finder, three lens Brilliant, brass bound and hooded; plates and film may be used.

PRICES

Including one double plate holder, and sole leather carrying case with handle:

	4x5	5x7
Century Camera, Model 14.....	\$22.00	\$29.00
Extra Double Plate Holders, each.....	.80	1.00
Wide Angle Lens, extra.....	8.00	10.00
Cartridge Roll Film Holder, fitted.....	5.00	6.50

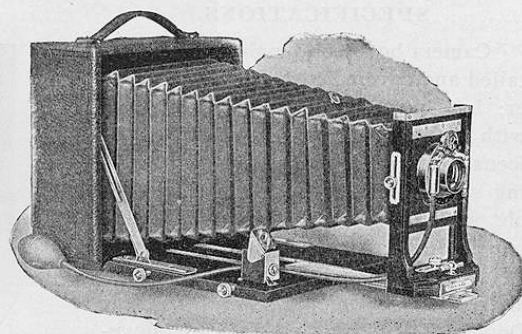
CENTURY CAMERA.**MODEL 15.****SPECIFICATIONS.**

Camera box, solid mahogany, dovetailed and covered with fine black leather; bed, polished mahogany, attached with brass piano hinge; bellows, of sufficient length to use back combination of lens alone; focal capacity, 4x5, 11 inches, 5x7, 15½ inches; rack and pinion for focusing; front, double sliding, moving vertically and horizontally; automatic bed lock; back, reversible, with automatic screen and wood panel; swing, both swing back and swing bed, operated by a pinion with Century patent lock; lens, Century Rapid Convertible, shutter, No. 1 Century Automatic, with triplicate movement; finder, three lens Brilliant, brass bound and hooded; plates and film may be used.

PRICES

Including one double plate holder and sole leather carrying case with handle:

	4x5	5x7
Century Camera, Model 15.....	\$27.00	\$34.00
Extra Double Plate Holders, each.....	.80	1.00
Wide Angle Lens, extra.....	8.00	10.00
Cartridge Roll Film Holder, fitted.....	5.00	6.50

**CENTURY CAMERA.****MODEL 16.****SPECIFICATIONS.**

Camera box, solid mahogany, dovetailed and covered with cowhide leather; bed, double extension, attached with brass piano hinge; bellows, of sufficient length to use back combination of lens alone; focal capacity, 4x5, 12½ inches; 5x7, 16½ inches; rack and pinion for focusing; Century patent bed lock; front, double sliding, moving vertically and horizontally; automatic bed clamp; back, reversible, with automatic wood

panel; swing, both swing back and swing bed, operated by a pinion, with Century patent lock; lens, Century Rapid Convertible; shutter, No. 1 Century Automatic, with triplicate movement; finder, three lens Brilliant, brass bound and hooded; plates and film may be used.

PRICES

Including one double plate holder and sole leather carrying case with handle:

	4x5	5x7
Century Camera, Model 16.....	\$29.00	\$36.00
Extra Double Plate Holders, each.....	.80	1.00
Wide Angle Lens, extra.....	8.00	10.00
Century Curtain Slide Shutter, fitted.....	15.00	20.00
Cartridge Roll Film Holder, fitted.....	5.00	6.50

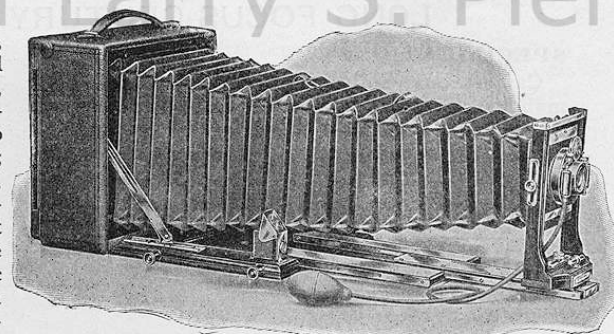
SPECIFICATIONS.

Camera box, mahogany, dovetailed and covered with black leather; bed, triple extension and telescopic, attached with piano hinge; focal capacity, 4x5; 17 inches; 5x7, 24 inches, Rack and pinion for focusing, with Century patent bed lock; front, double sliding, with automatic clamp and rack and pinion adjustment; back, reversible, with automatic focusing screen and wooden panel; swing, both swing back and swing bed, operated by rack and pinion; lens, Century Triple Convertible or Planatic, series III; shutter, Century Automatic, No. 1, has triplicate movement; finder, three lens Brilliant, brass bound and hooded.

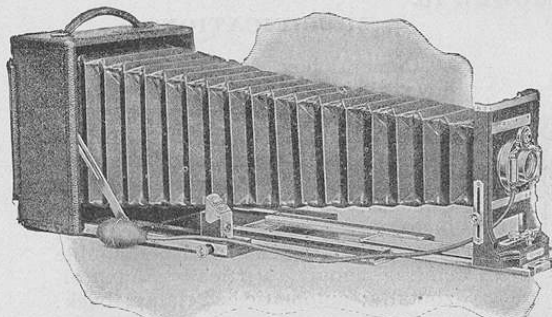
PRICES

Including one double plate holder and sole leather case with handle:

	4x5	5x7
Century Grand Junior, Triple Convertible Lens.....	\$32.00	\$41.00
Century Grand Junior, Planatic Lens, Series III.....	37.00	46.00
Extra Plate Holders, each.....	.80	1.00
Wide Angle Lens, extra.....	8.00	10.00
Cartridge Roll Film Holder, fitted.....	5.00	6.50
Century Curtain Slide Shutter, fitted.....	15.00	20.00



CENTURY CAMERA. MODEL GRAND.



SPECIFICATIONS.

Camera box, solid mahogany, dovetailed and covered with black cowhide; bed, triple extension, telescopic and brass bound, attached with brass piano hinge and operated by a single pinion; bellows, of sufficient length to use either the front or the back combination of the lens alone; focal capacity, 4x5, 17 inches; 5x7, 24 inches; 6½x8½, 28 inches; rack and pinion for focusing, with Century patent

bed lock; front, double sliding, with automatic clamp, rack and pinion adjustment; back, reversible, with automatic focusing screen and wooden panel; swing, both swing back and swing bed, operated by the focusing pinion; lens, Century Triple Convertible or Planatic, Series III; shutter, Century Automatic, No. 1, has triplicate movement; finder, three lens Brilliant, brass bound and hooded; plates and film may be used.

PRICES

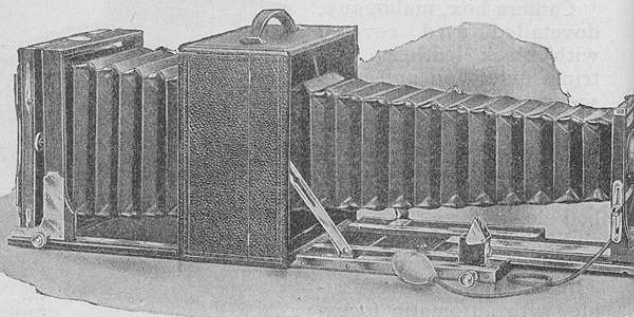
Including one double plate holder and handsome plush lined sole leather case:

	4x5	5x7	6½x8½
Century Grand, Triple Convertible Lens.....	\$35.00	\$45.00	\$60.00
Century Grand, Planatic Lens, Series III.....	40.00	50.00	67.00
Extra Plate Holders, each.....	.80	1.00	1.35
Wide Angle Lens, extra.....	8.00	10.00	12.00
Century Curtain Slide Shutter, fitted.....	15.00	20.00	26.00
Cartridge Roll Film Holder.....	5.00	6.50	not made

LONG FOCUS CENTURY GRAND.

SPECIFICATIONS

Camera box, solid mahogany, dovetailed and covered with black cowhide; bed, double extension front, single extension at the back; bellows, of sufficient length to use either the front or back combination of lens alone; focal capacity, 5x7, 28 inches; 6½x8½,



34 inches; rack and pinion, both front and back beds, with locking device; front, double sliding, rack and pinion adjustment, also automatic clamp; back, reversible, with automatic focusing screen and wooden panel; swing, both vertical and horizontal swings, with index—former is adjusted by the focusing pinion, the latter by a milled head at the back; lens, Century Triple Convertible or Planatic, Series III; shutter, Century Automatic, No. 1, with triplicate movement; finder, three lens Brilliant, brass bound and hooded; plates and film may be used.

PRICES

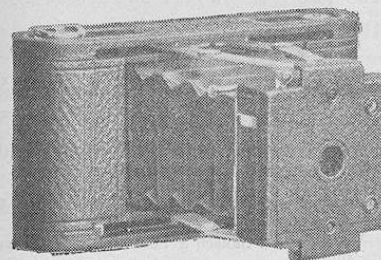
Including one double plate holder and handsome plush lined sole leather case.

	5x7	6½x8½
Long Focus Century Grand, Convertible Lens.....	\$50.00	\$65.00
With Planatic Lens, Series III.....	55.00	72.00
Extra Plate Holders, each.....	1.00	1.35
Wide Angle Lens, extra.....	10.00	12.00
Century Curtain Slide Shutter, fitted.....	20.00	26.00
Cartridge Roll Film Holder, fitted.....	6.50	not made

EASTMAN KODAKS.

FOLDING POCKET KODAKS, No. 1 and No. 1A.

FOLDING POCKET KODAK, No. 1.



For rectangular pictures, 2½x3¼ inches; capacity, 12 exposures without reloading; size of Kodak, 1½x3½x6¾ inches; weight, 15 ounces; length of focus of lens, 4 inches.

No. 1 Folding Pocket Kodak, with achromatic lens, not loaded.....\$10.00
Transparent Film Cartridge, 12 exposures, 2½x3¼......40
Do., 6 exposures......20
Kodak Portrait Attachment......50
Black Sole Leather Carrying Case.. 1.25

FOLDING POCKET KODAK, No. 1A.

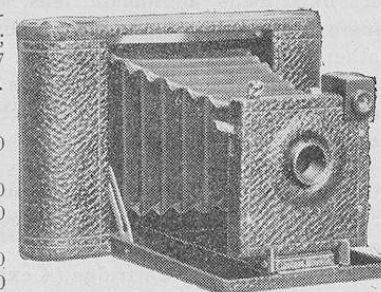
For rectangular pictures, 2½x4¼ inches; capacity, 12 exposures without reloading; size of Kodak, 1½x3½x7¾ inches; weight, 18 ounces; length of focus of lens, 5 inches.

Folding Pocket Kodak, No. 1A, with achromatic lens, not loaded.....\$12.00
Transparent Film Cartridge, 12 exposures, 2½x4¼......50
Do., 6 exposures......25
Kodak Portrait Attachment......50
Black Sole Leather Carrying Case..... 1.25

No. 2 FOLDING POCKET KODAK.

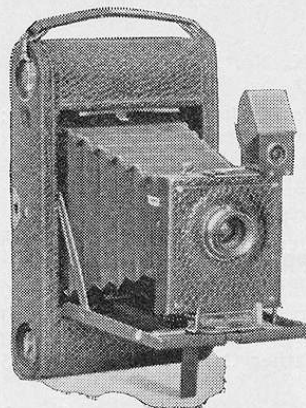
For square pictures 3½x3½ inches; capacity, 12 exposures without reloading; size of Kodak, 1½x4½x6¾ inches; weight, 17 ounces; length of focus of lens, 4½ inches.

No. 2 Folding Pocket Kodak, with achromatic lens, not loaded.....\$15.00
Transparent Film Cartridge, 12 exposures, 3½x3½......60
Do., 6 exposures......30
Do., "Double-Two" Cartridge (4 exposures)......20
Kodak Portrait Attachment......50
Black Sole Leather Carrying Case.. 1.25



No. 3 FOLDING POCKET KODAK.

For rectangular pictures, $3\frac{1}{4} \times 4\frac{1}{4}$ inches; capacity, 12 exposures without reloading; size of camera, $1\frac{3}{8} \times 4\frac{1}{2} \times 7\frac{1}{2}$ inches; weight, 22 ounces; length of focus of lens, 5 inches.



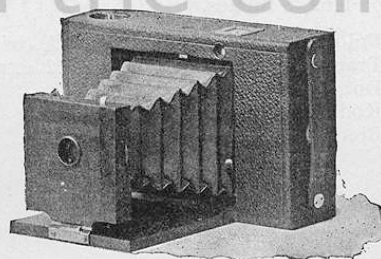
*No. 3 Folding Pocket Kodak, with rapid Rectilinear lens (not loaded).....	\$17.50
Transparent Film Cartridge, 12 exposures, $3\frac{1}{4} \times 4\frac{1}{4}$.....	.70
Do., 6 exposures.....	.35
Do., "Double-Two" Cartridge (4 exposures).....	.25
Kodak Portrait Attachment.....	.50
Black Sole Leather Carrying Case, with shoulder strap.....	1.25

*This Kodak can be furnished with a Bausch & Lomb Plagimat lens and with pneumatic shutter.

No. 2 FOLDING BULLS-EYE KODAK.

Being but $1\frac{1}{8}$ inches in thickness when closed, is very convenient to carry. Will go in an ordinary overcoat pocket. This instrument is an adaptation of the well-known Bulls-Eye camera to the folding form, and though not quite so compact as the Folding Pocket Kodaks, it is in every way an efficient and reliable camera, capable of the highest grade of work. Fitted with fixed focus, achromatic lens, set of three stops, socket for tripod screw, square finder and improved Rotary shutter. Handsomely finished with fine grain leather covering and nickel fittings.

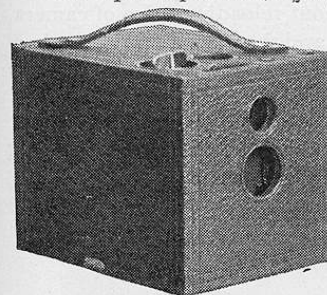
For square pictures $3\frac{1}{2} \times 3\frac{1}{2}$ inches; capacity, 12 exposures without reloading; size of camera, closed, $1\frac{3}{4} \times 4\frac{3}{8} \times 7\frac{1}{8}$ inches; weight, 16 ounces; length of focus of lens, $4\frac{1}{2}$ inches.



No. 2 Folding Bulls-Eye Kodak, for $3\frac{1}{2} \times 3\frac{1}{2}$ pictures.....	\$10.00
Transparent Film Cartridge, 12 exposures, $3\frac{1}{2} \times 3\frac{1}{2}$.....	.60
Do., 6 exposures.....	.30
Do., "Double-Two" Cartridge (4 exposures).....	.20
Black Sole Leather Carrying Case, with strap.....	1.25

No. 2 BULLS-EYE KODAK.

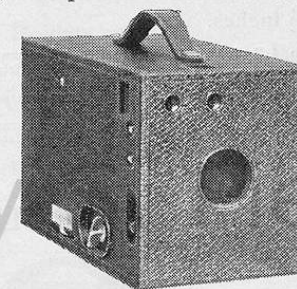
For square pictures, $3\frac{1}{2} \times 3\frac{1}{2}$ inches; capacity, 12 exposures without reloading; size of camera, $4\frac{1}{8} \times 4\frac{3}{8} \times 5\frac{3}{8}$ inches; weight, 22 ounces; length of focus of lens, $4\frac{1}{2}$ inches.



No. 2 Bulls-Eye Kodak, fitted with achromatic lens, not loaded.....	8.00
Transparent Film Cartridge, 12 exposures, $3\frac{1}{2} \times 3\frac{1}{2}$.....	.60
Do., 6 exposures.....	.30
Do., "Double-Two" Cartridge, (4 exposures).....	.20
Kodak Portrait Attachment.....	.50
Black Sole Leather Carrying Case, with shoulder strap.....	1.25

No. 4 BULLS-EYE KODAK.

For rectangular pictures, 4×5 inches; capacity, 12 exposures without reloading; size of camera, $5 \times 5\frac{3}{8} \times 9\frac{1}{4}$ inches; weight two pounds, 10 ounces; length of focus of lens, $6\frac{1}{4}$ inches.

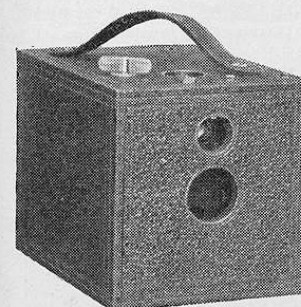


No. 4 Bulls-Eye Kodak, fitted with achromatic lens, not loaded.....	\$12.00
Transparent Film Cartridge, 12 exposures, 4×5.....	.90
Do., 6 exposures.....	.45
Do., "Double-Two" Cartridge (4 exposures).....	.30
Black Sole Leather Carrying Case, with shoulder strap.....	2.00

No. 2 FLEXO KODAK.

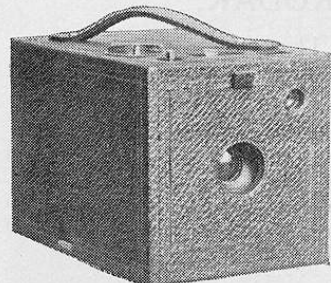
NOTE.—The prospective purchaser should bear in mind that the price of the Flexo Kodak includes every requisite for taking pictures, except the film, whereas the price of most of the so-called five dollar plate cameras includes only one plate holder, and a further expenditure of \$2.00 or \$3.00 is necessary if it is desired to make more than two exposures between each trip to the dark room.

For square pictures, $3\frac{1}{2} \times 3\frac{1}{2}$ inches; capacity, 12 exposures without reloading; size of camera, $4\frac{3}{8} \times 4\frac{3}{8} \times 5\frac{3}{8}$ inches; weight, 19 ounces; length of focus of lens, $4\frac{1}{2}$ inches.



No. 2 Flexo Kodak, with achromatic lens, not loaded.....	\$5.00
Transparent Film Cartridge, 12 exposures, $3\frac{1}{2} \times 3\frac{1}{2}$.....	.60
Do., 6 exposures.....	.30
Do., "Double-Two" Cartridge, (4 exposures).....	.20
Kodak Portrait Attachment.....	.50
Black Sole Leather Carrying Case, with shoulder strap.....	1.25

No. 2 BULLS-EYE SPECIAL KODAK.



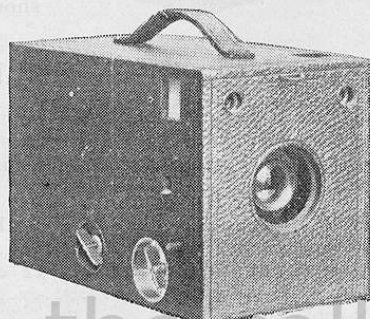
For square pictures, $3\frac{1}{2} \times 3\frac{1}{2}$ inches; capacity, 12 exposures without reloading; size of camera, $4\frac{1}{2} \times 4\frac{3}{8} \times 6\frac{3}{4}$ inches; weight, 28 ounces; length of focus of lens, $5\frac{3}{8}$ inches.

No. 2 Bulls-Eye Special Kodak, with rapid Rectilinear lens, not loaded	\$15.00
Transparent Film Cartridge, 12 exposures, $3\frac{1}{2} \times 3\frac{1}{2}$	.60
Do., 6 exposures	.30
Do., "Double-Two" Cartridge, 4 exposures	.20
Kodak Portrait Attachment	.50
Black Sole Leather Carrying Case, with shoulder strap	1.25

No. 4 BULLS-EYE SPECIAL KODAK.

For rectangular pictures, 4x5 inches; capacity, 12 exposures without reloading; size of camera, $5 \times 5\frac{5}{8} \times 8\frac{3}{8}$ inches; weight, 2 pounds, 12 ounces; length of focus of lens, $6\frac{1}{2}$ inches.

No. 4 Bulls-Eye Kodak, rapid rectilinear lens, Eastman Triple Action Shutter, with iris diaphragm stops, not loaded	\$20.00
Transparent Film Cartridge 12 exposures, 4x5	.90
Do., 6 exposures	.45
Do., "Double-Two" Cartridge, 4 exposures	.30
Black Sole Leather Carrying Case, with strap	2.00

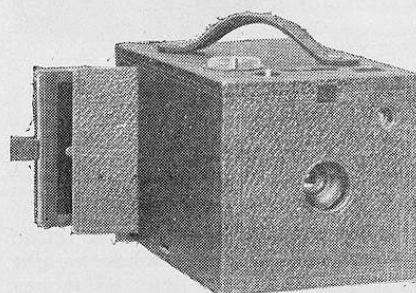


No. 2 BULLET SPECIAL KODAK.

FILMS AND PLATES.

For square pictures $3\frac{1}{2} \times 3\frac{1}{2}$ inches; capacity, 12 exposures without reloading; size of camera, $4\frac{3}{4} \times 4\frac{3}{4} \times 7\frac{1}{2}$ inches; weight, 2 pounds, 2 ounces; length of focus of lens, $5\frac{3}{8}$ inches.

No. 2 Bullet Special Kodak, with rapid rectilinear lens, not loaded	\$18.00
Transparent Film Cartridge, 12 exposures, $3\frac{1}{2} \times 3\frac{1}{2}$	.60
Do., 6 exposures	.30
Do., "Double-Two" Cartridge, 4 exposures	.20
Double Plate Holders, $3\frac{1}{4} \times 3\frac{1}{4}$, each	1.00
Kodak Portrait Attachment	.50
Black Sole Leather Carrying Case, shoulder strap	1.25



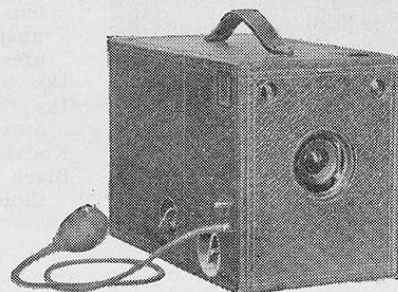
No. 4 BULLET SPECIAL KODAK.

FILMS AND PLATES.

For rectangular pictures, 4x5 inches; capacity, 12 exposures without reloading; size of camera, $5\frac{1}{2} \times 6\frac{3}{4} \times 9\frac{3}{4}$ inches; weight, 3 pounds, 12 ounces; length of focus of lens, $6\frac{1}{2}$ inches.

No. 4 Bullet Special Kodak, Model C, with rapid rectilinear lens, not loaded	\$22.50
*Transparent Film Cartridge, 12 exposures, 4x5	.90
*Do., 6 exposures	.45
*Do., "Double-Two" Cartridge, 4 exposures	.30
*Double Plate Holders, 4x5, each	1.00
*Black Sole Leather Carrying Case, with strap	2.25

*Be sure to specify Model C when ordering.

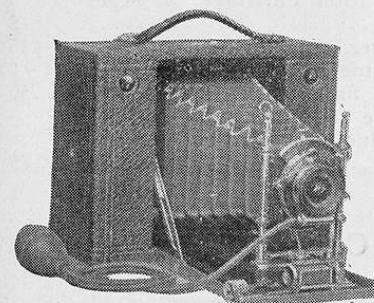


CARTRIDGE KODAKS.

PLATES AND FILMS.

No. 3 CARTRIDGE KODAK.

For rectangular pictures, $4\frac{1}{4} \times 3\frac{1}{4}$ inches; capacity, 12 exposures without reloading; size, closed, $3\frac{1}{4} \times 5\frac{3}{4} \times 7\frac{1}{2}$ inches; weight, 2 pounds, 12 ounces; length of focus of lens, 6 inches.



No. 3 Cartridge Kodak, rapid rectilinear lens, Eastman Triple Action Pneumatic Shutter, not loaded	\$20.00
Transparent Film Cartridge, 12 exposures, $4\frac{1}{4} \times 3\frac{1}{4}$	.70
Do., 6 exposures	.35
Do., "Double-Two" Cartridge, 4 exposures	.25
Glass Plate Adapter, with ground glass	2.00
Double Plate Holders, each	1.00

No. 4 CARTRIDGE KODAK.

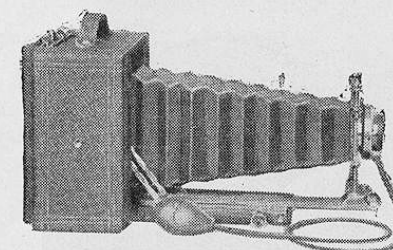
For rectangular pictures, 5x4 inches; capacity, 12 exposures without reloading; size of camera, $3\frac{1}{4} \times 6\frac{3}{8} \times 8\frac{1}{4}$ inches; weight, 3 pounds, 2 ounces; length of focus of lens, $6\frac{1}{2}$ inches.

No. 4 Cartridge Kodak, with rapid rectilinear lens and Eastman Triple Action Pneumatic Shutter (not loaded)	\$25.00
Transparent Film Cartridge, 12 exposures, 5x4	.90
Do., 6 exposures	.45
Do., "Double-Two" Cartridge, 4 exposures	.30
Glass Plate Adapter, with ground glass	2.50
Double Glass Plate Holders, each	1.00

No. 5 CARTRIDGE KODAK.

For rectangular pictures, 7x5 inches; capacity, 12 exposures without reloading; size of camera, $3\frac{3}{8} \times 8\frac{1}{2} \times 10$ inches; weight, 4 pounds, 8 ounces; length of focus of lens, $8\frac{1}{2}$ inches.

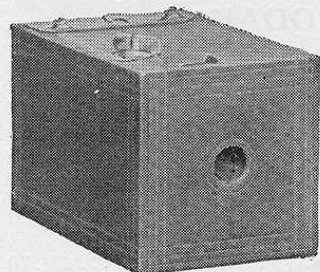
No. 5 Cartridge Kodak, with rapid rectilinear lens and Eastman Triple Action Pneumatic Shutter (not loaded)	\$35.00
Transparent Film Cartridge, 12 exposures, 7x5	1.60
Do., 6 exposures	.80
Do., "Double-Two" Cartridge, 4 exposures	.55
Glass Plate Adapter, with ground glass	3.00
Double Glass Plate Holders, each	1.25



Showing Bellows extended and Plate Adapter Attached.

No. 1 BROWNIE CAMERA.

For square pictures, $2\frac{1}{4} \times 2\frac{1}{4}$ inches; capacity, 6 exposures without reloading; size of camera, $3 \times 3\frac{1}{8} \times 4\frac{7}{8}$ inches; weight, 8 ounces; length of focus of lens, $3\frac{3}{4}$ inches.

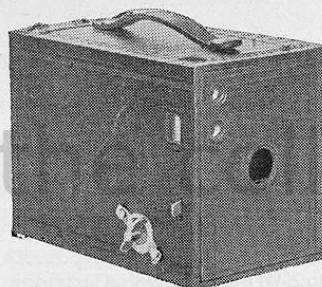


No. 1 Brownie Camera, for $2\frac{1}{4} \times 2\frac{1}{4}$ pictures.....	\$ 1.00
Transparent Film Cartridge, 6 exposures, $2\frac{1}{4} \times 2\frac{1}{4}$.....	.15
Brownie Finder, detachable.....	.25
No. 1 Brownie Carrying Case, holds camera and finder.....	.50
No. 1 Brownie Developing and Printing Outfit, including Dekko Paper for 24 prints.....	.75

No. 2 BROWNIE CAMERA.

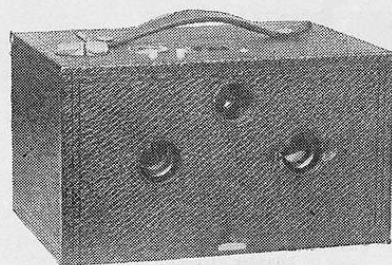
For rectangular pictures, $2\frac{1}{4} \times 3\frac{1}{4}$ inches; capacity, 6 exposures without reloading; size of camera, $3\frac{1}{4} \times 4 \times 5\frac{5}{8}$ inches; weight, 13 ounces; length of focus of lens, $4\frac{1}{2}$ inches.

No. 2 Brownie Camera, for $2\frac{1}{4} \times 3\frac{1}{4}$ pictures.....	\$ 2.00
Transparent Film Cartridge for 6 exposures, $2\frac{1}{4} \times 3\frac{1}{4}$.....	.20
No. 2 Brownie Carrying Case.....	.75
A B C Developing and Printing Outfit..	1.50



No. 2 STEREO KODAK.

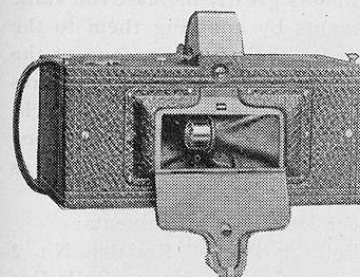
For standard size ($3\frac{1}{2} \times 6$ inches), stereoscopic pictures or single exposures, $3\frac{1}{2} \times 3\frac{1}{2}$ inches; capacity, 6 stereoscopic or 12 single exposures without reloading; size of Kodak, $4\frac{1}{2} \times 6 \times 8\frac{1}{8}$ inches; weight, 2 pounds, 3 ounces; length of focus of lens, $4\frac{3}{4}$ inches.



No. 2 Stereo Kodak, fitted with pair of rapid rectilinear lenses, not loaded.....	\$15.00
Transparent Film Cartridge, 6 stereo exposures (regular No. 2 Bulls-Eye 12 ex. cart.).....	.60
Do., 3 exposures (No. 2 Bulls-Eye 6 ex. cart.).....	.30
Do., 2 exposures (No. 2 Bulls-Eye "Double-Two" Cart.)....	.20
Black Sole Leather Carrying Case with shoulder strap.....	2.00

THE PANORAM-KODAKS.

No. 1 PANORAM-KODAK.



Uses No. 1 Folding Pocket Kodak cartridges. For pictures $2\frac{1}{4} \times 7$ inches; capacity, 6 exposures without reloading; size of camera, $3\frac{3}{8} \times 4\frac{1}{4} \times 7\frac{3}{8}$ inches; weight, 24 ounces; length of focus of lens, $3\frac{9}{16}$ inches; angle of view, 112° .

No. 1 Panoram-Kodak, not loaded, \$10.00	
Transparent Film Cartridge, 6 exposures, $2\frac{1}{4} \times 7$, (regular No. 1 Folding Pocket Kodak Cartridge).....	.40
Do., 3 exposures.....	.20
Black Sole Leather Carrying Case, with shoulder strap.....	1.75

No. 4 PANORAM-KODAK.

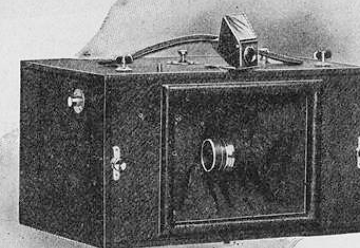
Uses No. 4 Bulls-Eye Film Cartridges. For pictures $3\frac{1}{2} \times 12$ inches; capacity, 5 exposures without reloading; size of camera, $4\frac{1}{2} \times 5\frac{1}{2} \times 10\frac{1}{8}$ inches; weight, 2 pounds, 14 ounces; length of focus of lens, 5 inches; angle of view, 142° .

No. 4 Panoram-Kodak, not loaded.....	\$20 00
Transparent Film Cartridge, 5 exposures, $3\frac{1}{2} \times 12$, (regular No. 4 Bulls-Eye Cartridges).....	.90
Do., 2 exposures.....	.45
Black Sole Leather Carrying Case.....	2.00

No. 4-B and No. 5-B

AL-VISTA PANORAMIC CAMERA.

Uses the regular daylight loading film cartridges, 4 and 5 inch respectively. Weight, about 3 pounds. With this camera the operator can make snap shot and time exposures at will; this feature is accomplished by a patent motor or mechanism, so the speed of the lens can be varied from snap shot to about a half minute or more, and the operator can accomplish good results in various kinds of light. It has a new attachment for making different length of negatives, viz: with the No. 4-B, 4×4 , 4×6 , 4×8 , 4×10 and 4×12 inches; with the No. 5-B, 5×4 , 5×6 , 5×8 , 5×10 and 5×12 inches. Has also a revolving view finder, spirit level, etc., covered with the finest black morocco leather and beautifully finished throughout.



Al-Vista, Style 5-B.

No. 4-B, Al-Vista Panoramic Camera, special ground, extra rapid rectilinear lens, with different size stops.....	\$30.00
No. 5-B, Ditto.....	35.00

KODAK PORTRAIT ATTACHMENTS.



Kodak Portrait
Attachment for No. 2
Bulls-Eye

The Kodak Portrait Attachments greatly increase the value of the small fixed focus instruments by adapting them to the making of large bust pictures. By their use any one of the Kodaks named below will make head and shoulder pictures equaling in size an ordinary mantello photograph. These attachments are simply extra lenses which slip on over the lens hood or are inserted in the opening in the front board of camera as the case may be.

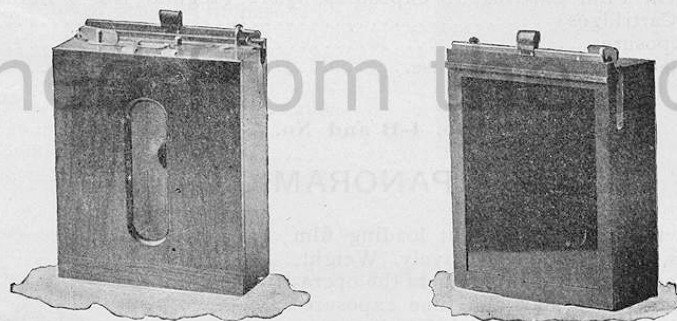
Kodak Portrait Attachments are made for the following instruments:

No. 1 Folding Pocket Kodaks, No. 1A Folding Pocket Kodaks, No. 2 Folding Pocket Kodaks, No. 3 Folding Pocket Kodaks, No. 2 Bulls-Eye Kodaks, No. 2 Bulls-Eye Special Kodaks, No. 2 Bullet Kodaks, No. 2 Bullet Special Kodaks, No. 2 Flexo Kodaks.

Price of attachment to fit either of above instruments, 50 cents.

Be sure to give exact designation of instrument when ordering.

THE CARTRIDGE ROLL HOLDER.



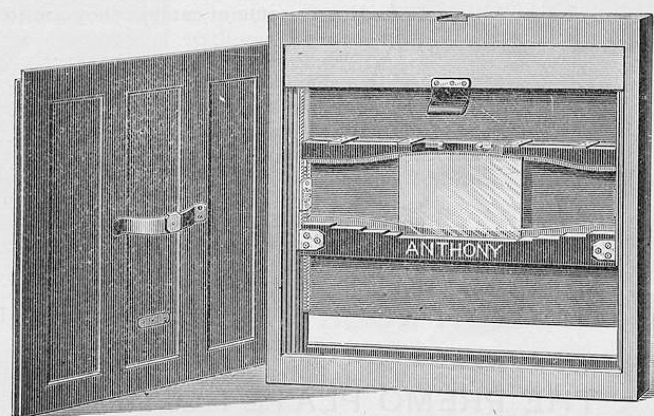
PRICE LIST.

No. 2, (3½x3½) Cartridge Roll Holder	\$5.00
No. 3, Vertical, for 4¼x3¼ pictures, ¼ inch spool.....	5.00
No. 4, (4x5) Cartridge Roll holder, (specify whether vertical or horizontal)	5.00
No. 5, Vertical, Cartridge Roll Holders, 7 inch spool.....	6.50

Transparent Film Cartridges.

3½ inch, for No. 2 Cartridge Roll Holder, 12 exposures.....	.60
4¼ inch, for No. 3 Cartridge Roll Holder, 12 exposures.....	.70
4 inch, for No. 4 Horizontal Cartridge Roll Holder, 12 exposures .....	.90
5 inch, for No. 4 Vertical Cartridge Roll Holder, 12 exposures.....	.90
7 inch, for No. 5 Cartridge Roll Holder, 12 exposures.....	1.60

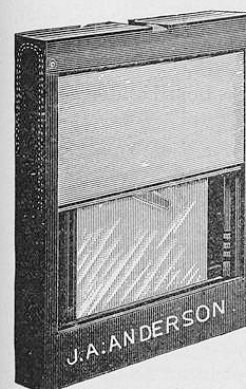
"BENSTER" CURTAIN SLIDE PLATE HOLDER.



The glass plate rests on a wooden ledge, notched for different sized plates. As the lower ledge is raised, the upper ledge descends, so that the center of the plate is at all times in the center of the holder. It adapts itself to any size of plate, from the largest the holder will admit to one not under 3 inches square.

For 8x10 plate and under, 12½ inches wide, 13¾ inches high	\$10.00
" 8x10 " 13¾ " 13¾ "	10.00
" 10x12 " 15 " 15¾ "	16.00
" 11x14 " 17 " 17¾ "	21.00
" 14x17 " 20½ " 21 "	24.00

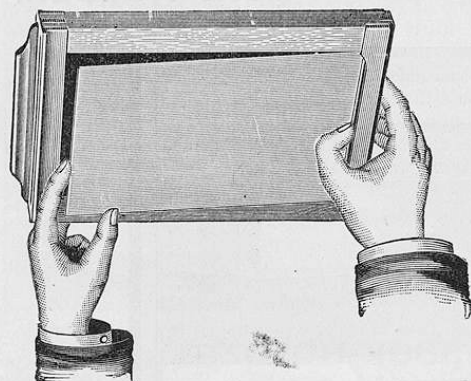
BONANZA CURTAIN SLIDE PLATE HOLDER.



Owing to the prominence in the photographic line that this holder has attained, a description will hardly be required. Any size holder for any size plate not quoted in list will be made to order at prices approximate to the nearest size of listed.

For 5 x 7 plate	Price, \$5.00
" 6½ x 8½ "	" 7.00
" 8 x 10 "	" 9.00
" 10 x 12 "	" 12.00
" 11 x 14 "	" 14.00
" 14 x 17 "	" 18.00
" 17 x 20 "	" 20.00
" 18 x 22 "	" 23.00
" 20 x 24 "	" 26.00

THE PERFECTION HOLDER.



In ordering holders, always give name of camera they are to fit.

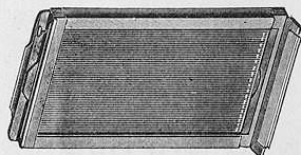
3 1/4 x 4 1/4	.....	\$1.00
4 x 5	.....	1.00
4 1/4 x 6 1/2	.....	1.25
5 x 7	.....	1.25
5 x 8	.....	1.35
6 1/2 x 8 1/2	.....	1.75
8 x 10	.....	2.00
10 x 12	.....	4.25
11 x 14	.....	5.00

The 11x14 Perfection Holders have rubber slides.

THE PREMO PLATE HOLDER.

This holder is made on the same principle as the Perfection, but is more compact and has rubber slides. It is not interchangeable with the regular style.

3 1/4 x 4 1/4	.....	\$1.00	6 1/2 x 8 1/2	.....	\$1.75
4 x 5	.....	1.00	8 x 10	.....	2.00
5 x 7	.....	1.25	10 x 12	.....	4.25
5 x 8	.....	1.50	11 x 14	.....	5.00



THE POCO PLATE HOLDER.

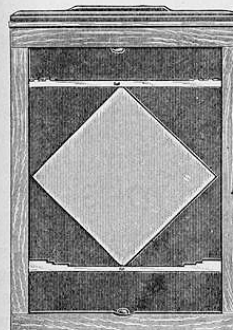
3 1/4 x 4 1/4, with hard rubber slides	.....	\$1.00			
4 x 5	.....	1.00			
5 x 7	.....	1.25			
5 x 8	.....	1.25			
6 1/2 x 8 1/2 with hard rubber slides	.....	1.75			
8 x 10	.....	2.00			
10 x 12	.....	4.25			
11 x 14	.....	5.00			
6 1/2 x 8 1/2 with press board slides, \$1.25	.....		11 x 14 with press board slides,	3.00	
8 x 10	.....	1.50	14 x 17	.....	5.00
10 x 12	.....	2.50	17 x 20	.....	6.00

ROCHESTER PLATE HOLDER.

This is a good serviceable holder at a popular price. It is made of the best seasoned cherry, with slides of best black press board. Made to fit any of the Poco Cameras.

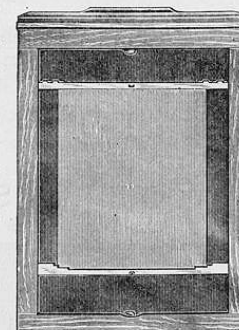
3 1/4 x 4 1/4	.....	\$ .60
4 x 5	.....	.60
5 x 7	.....	.80

WARNICA SELF-ADJUSTABLE PLATE HOLDER.

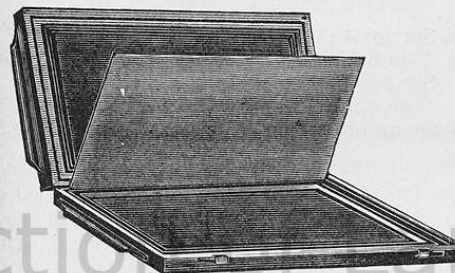


This plate holder fits all styles of cameras and at the same time successfully holds dry plates of a smaller size than the holder without the necessity of a kit. It automatically centers any size of plate that is used in the holder. The Warnica holder adapts the camera to the use of any size plate and materially increases the range of the instrument.

4 x 5	.....	1.25
5 x 7	.....	1.50
6 1/2 x 8 1/2	.....	\$1.85
8 x 10	.....	2.25



ENGLISH BOOK HOLDER.



This is the regular English form of holder, and has many advantages. The two sides are hinged and open like a book when placing or displacing the plates. The septum, for division between the two sides of holder, is also hinged, and works most satisfactorily in the dark room.

11x14, with rubber slides	....	\$ 6.00	11x14, with press-board slides	.....	\$ 5.00
14x17, " " " "	.....	7.50	14x17, " " " "	.....	6.50
17x20, " " " "	.....	9.00	17x20, " " " "	.....	8.00
18x22, " " " "	.....	12.00	18x22, " " " "	.....	10.00
20x24, " " " "	.....	15.00	20x24, " " " "	.....	12.00

Anthony's Patent Zephyr Double Dry Plate Holders.

4 x 5	.....	\$1.20	8x10	.....	\$1.85
4 1/2 x 6 1/2	.....	1.25	10x12, with hard rubber slides	.....	3.00
5 x 7	.....	1.25	11x14, " " " "	.....	4.50
5 x 8	.....	1.35	14x17, " " " "	.....	6.00
6 1/2 x 8 1/2	.....	1.60			

EASTMAN PLATE HOLDERS.

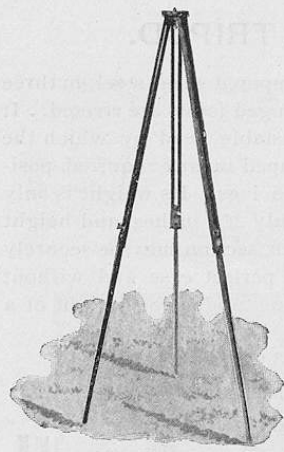
Single plate holders for Pocket Kodak, 1 1/2 x 2	.....	\$ .25
Single plate holders for No. 2 Bullet, 3 1/4 x 3 1/2	.....	.60
Single plate holders for No. 4 Bullet, 4x5	.....	.75
Single plate holders for No. 2 Eureka Jr. Camera, 3 1/2 x 3 1/2	.....	.40
Double plate holders for No. 2 Bullet Special, 3 1/4 x 3 1/2	.....	1.00
Double plate holders for No. 4 Bullet Special, 5x5	.....	1.00
Double plate holders for No. 4 Cartridge Kodak, 4x5	.....	1.00
Double plate holders for No. 5 Cartridge Kodak, 5x7	.....	1.25
Double plate holders for No. 2 Eureka Camera, 3 1/2 x 3 1/2	.....	.75
Double plate holders for No. 4 Eureka Camera, 4x5	.....	1.00

STANDARD SLIDING TRIPOD.

Price for cameras from 4x5 to 6½x8½.....75c

THE KORONA TRIPOD.

The Korona Tripod is made of straight grained ash or spruce. The great annoyance of legs becoming separated when tripod has camera attached is ingeniously overcome by the pin-locking arrangement, which holds its legs firmly together. Price, \$3.00.



Standard Sliding Tripod

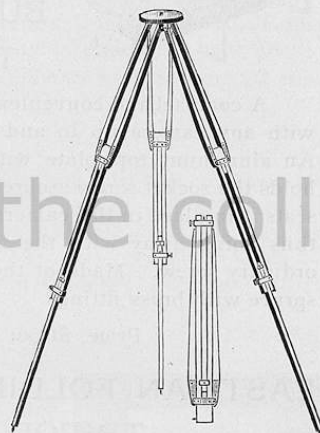


Korona Tripod

COMBINATION TRIPOD.**Combined Sliding and Folding.**

Combination tripods are made of selected spruce and ash, with brass trimmings. Extended length, 56 inches; length closed, 22 inches.

- No. 2, Spruce, for camera up to 5x7, weight 1 lb. 6 ozs.....\$2 50
 No. 2, Ash, for camera up to 5x7, weight 2 lbs..... 2 50
 No. 2½, Spruce, for camera up to 6½x8½, weight 1 lb. 9 ozs..... 3 00
 No. 2½, Ash, for camera up to 6½x8½, weight 2 lbs. 3 ozs..... 3 00
 No. 3, Ash, for camera up to 10x12, weight 4 lbs. 6 ozs..... 3 50
 No. 4, Ash, for camera up to 14x17, weight 7 lbs. 1 oz..... 4 50
 No. 5, Ash, for camera up to 20x24, weight 8 lbs. 8 oz..... 6 00

**THE CARLTON SLIDING TRIPOD.**

This is one of the simplest and best forms of sliding tripods. The legs are made in three pieces, which renders the tripod firmer when set up than when made of two pieces.

- No. 1, Spruce, for cameras up to 5x7, weight 1 lb. 15 ozs.....\$2 00
 No. 2, Spruce, for 5x8 and 6½x8½, weight 2 lbs. 12 ozs..... 2 50
 No. 3, Ash, for 8x10 and 10x12, weight 4 lbs. 15 ozs..... 3 00
 No. 4, Ash, for 11x14 and 14x17, weight 7 lbs. 3 ozs..... 4 00
 No. 5, Ash, for 17x20 to 20x24, weight 11 lbs..... 5 00

**EXTRA PARTS OF APPARATUS.**

Dimensions, Inches.	Wood Slides for Holders for Portrait Cameras	Front Boards for Portrait Cameras	Rubber Bellows for Portrait Cameras.
6½x 8½.....	.....	\$ 0 60	\$ 4 50
8 x10.....	\$ 0 70	80	6 00
10 x12.....	1 25	80	8 00
11 x14.....	1 60	80	10 00
14 x17.....	2 00	1 00	12 00
17 x20.....	2 50	1 25	15 00
18 x22.....	2 75	1 25	18 00
20 x24.....	3 25	1 25	24 00
22 x27.....	3 50	1 25	32 00
25 x30.....	4 00	1 25	40 00

Tops for Tripod.....\$.75	Bellows for Carlton and Universal Cameras, 14x17.....\$10.00
Screws for Tripods Nos. 1, 2, 3. .25	Bellows for Carlton and Universal Cameras, 17x20..... 12.00
" " " " 4 and 5 .40	Bellows for Empire State Cameras, 5x7..... 4.00
All Mill Head Nuts and Screws .25	Bellows for Empire State Cameras, 6½x8½..... 5.00
Lens Boards for Premo Cameras .25	Bellows for Empire State Cameras, 8x10..... 6.00
" " " " Stereo " .40	Bellows for Empire State Cameras, 11x14..... 8.00
Lens Boards for View Cameras up to 8x10..... .40	Bellows for Empire State Cameras, 14x17..... 10.00
Lens Boards for View Cameras larger..... .70	Bellows for Empire State Cameras, 17x20..... 12.00
Bellows for 4x5 Folding or Pony Premos..... 2.00	Reversible Backs for View Cameras, 5x7..... 7.50
Bellows for 5x7 Folding or Pony Premos..... 2.50	Reversible Backs for View Cameras, 6½x8½..... 9.00
Bellows for 4x5 Pony Premo No. 6..... 3.00	Reversible Backs for View Cameras, 8x10..... 11.00
Bellows for 5x7 Pony Premo No. 6..... 4 00	Reversible Backs for View Cameras, 11x14..... 14.00
Bellows for 6½x8½ Pony Premo No. 6..... 5.00	Reversible Backs for View Cameras, 14x17..... 17.00
Bellows for 4x5 Long Focus Premo..... 6 00	Reversible Backs for View Cameras, 17x22..... 22.00
Bellows for 5x7 Long Focus Premo..... 8.00	Fronts, 4x5..... 2.50
Bellows for 6½x8½ Long Focus Premo..... 10.00	" 5x7..... 3.00
Bellows for 8x10 Long Focus Premo..... 12 00	" 6½x8½..... 3.50
Bellows for Carlton and Universal Cameras, 5x7..... 4.00	" 8x10..... 4 00
Bellows for Carlton and Universal Cameras, 6½x7½..... 5.00	" Stereo..... 5 00
Bellows for Carlton and Universal Cameras, 8x10..... 6 00	Ground Glass Frames, 4x5.... .50
Bellows for Carlton and Universal Cameras, 11x14..... 8 00	" " " 5x7.... .60
	" " " 6½x8½... 1.00
	" " " 8x10... 1.25



THE MAGIC HEAD SCREEN

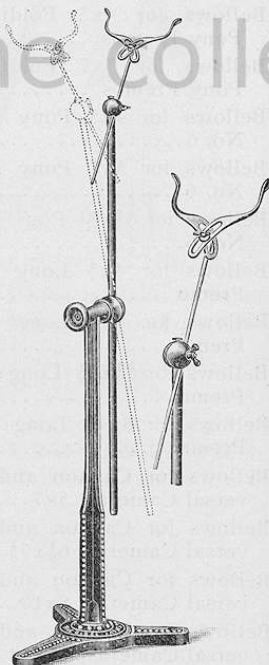
The unprecedented sale of this article since its introduction demonstrates its popularity and usefulness more effectively than any words of ours can do. The most noteworthy authorities all agree that no operating room is complete without a Head Screen, which makes it possible to soften high lights or deepen shadows, subdue light on white draperies, etc.

The Magic Head Screen can be adjusted instantly to any height or position. The rods are nickel-plated, the joints have new, quick-acting cam locks and the base is ornamented, japan finish. A trial will insure its perpetual use. It is the cheapest Head Screen in the market, yet equal to any in every essential feature. Price, each, \$4.75.

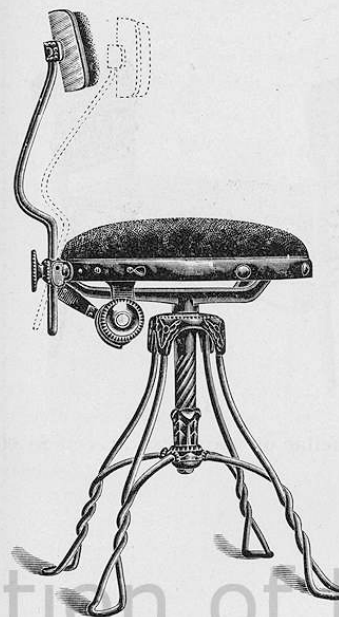
THE GLOBE HEAD REST.

Notice the new and handsome design. The new clamp which admits of swinging the upright rod to right or left and clamping it at any angle or any height.

Note also the Universal Ball Joint which clamps the cross rod in any conceivable position; also the slotted ear prongs, which are unquestionably the best yet invented. Note also the fact that they are very nicely finished in black and gilt, and the one other supremely important point, viz: The price, only \$4 each.



THE ELITE POSING CHAIR.



Price antique copper finish, oak seat and back \$8.00

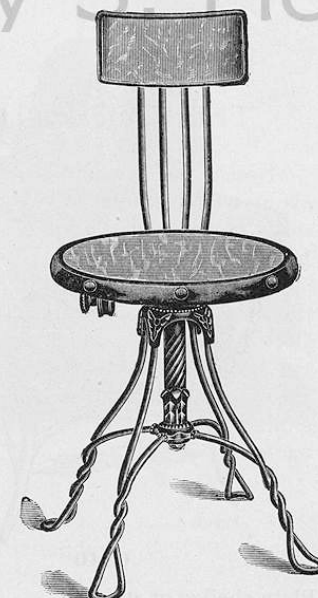
Price, antique copper finish, plush or leather seat and back..... 9.50

THE "ALASKA"

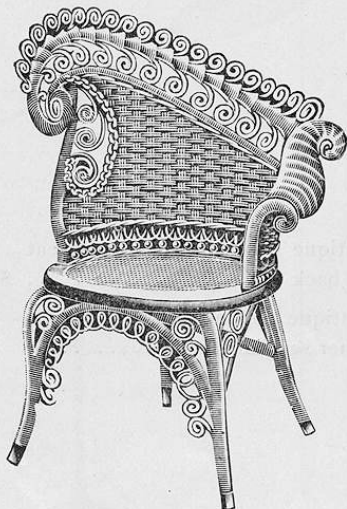
Similar to the "Elite" in construction, without clamp for tightening the screw under the seat, and without vertical adjustment of the back. Antique copper finish.

Wood seat and back.....\$7.00

Leather seat and back 8.00

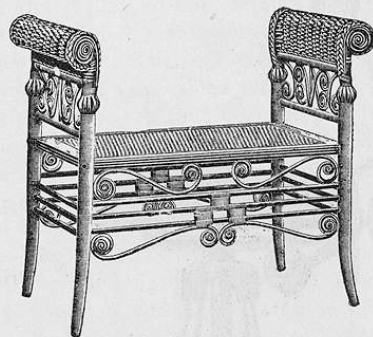


RATTAN POSING CHAIRS.



6326

Plain shellac or stained.....\$6.00



6319

Plain shellac or stained.....\$4.00



6340

Plain shellac or stained.....\$11.00



6338

Plain shellac or stained.....\$9.00

CHILD'S POSING CHAIR.

This chair is made of twisted steel wire, copper finish, and is furnished with oak seat. Both strong and artistic in appearance. The height of the seat of the chair from the floor is 10½ inches.

Price, oak seat, each...\$2.00



THE BALDWIN BABY HOLDER.

The holder is arranged with a flat base—no legs. A tilting arrangement under the seat allows the adjustment of the seat to any angle desired. One great advantage of this holder is that your baby pictures made with it will not all look alike. The holder is out of sight, being covered with child's clothing.



PRICES.

Without arm, in imitation raw silk cover.....each	\$7.50
“ “ drab velveteen cover, nickel-plated trimmings..... “	9.00
“ “ in plain or crushed mohair plush..... “	10.00
Arms, with attachments, either style..... “	1.00

THE GLOBE GROUPING STOOLS.



These are made of twisted steel rods, antique copper finish, oak seats. They are the most compact, durable, attractive and sensible grouping arrangement ever devised.

No. 1 is eleven inches high; No. 2, 17 inches, and No. 3, 24 inches.

Price for any height, each.....\$2.50

THE CHICAGO GROUPING STOOLS.



These grouping stools are an indispensable adjunct to every gallery, large or small, and they offer conveniences not found in any other variety. They are adjustable to any height. There are six stools in the set, finished in black walnut, very strong and ornamental.

Price per set..... \$9.00.

RICH, HAND CARVED ANTIQUE FURNITURE.

Manufactured with a solid foundation of wood, the ornamental parts covered with patent "FIBRO" material. Practically indestructible, not affected by heat or cold, will not shrink or swell. An exact imitation of wood.



Style A.

An elaborate and useful design.
Size, 61 inches high. Price, \$27.00.



Style B.

Elegant and original design. Size,
58 inches high. To seat 19 inches.
Price.....\$25.00.



**Style C.
Combination Bench
and
High Back Seat.**

A handsome, new design. Size, 3 feet, 7 inches high, 4 feet long.

Price, \$30.00.

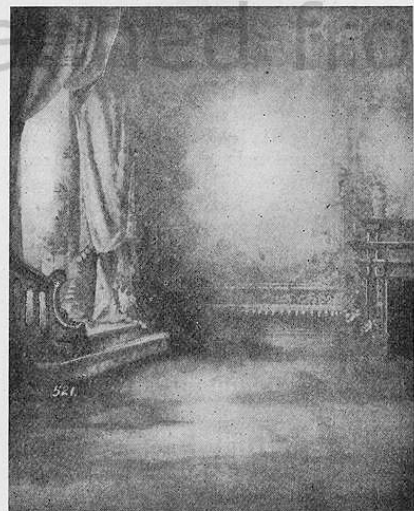
BACKGROUNDS.



1514



1515



521



1517

Backgrounds, 8x10, price..... Muslin \$10.00 Burlap \$12.00
 Backgrounds, 8x15, continuous..... 12.00 16.00
 Order by number. State whether light falls on right or left of sitter, and if light, medium or dark shade is desired.

BACKGROUNDS.



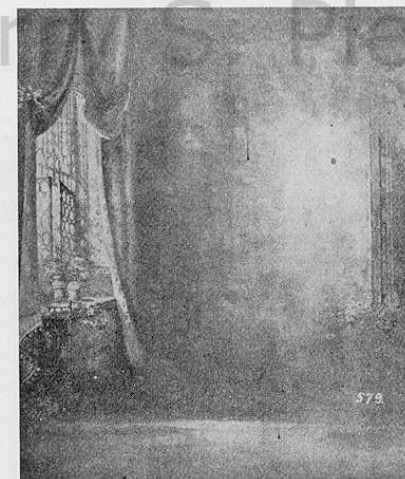
1513



568



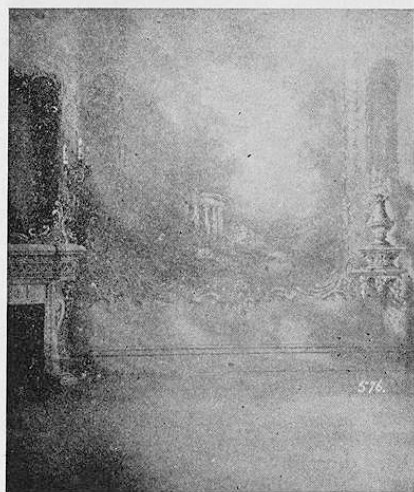
520



579

Backgrounds 8x10..... Price Muslin \$10.00 Burlap \$12.00
 Backgrounds 8x15, Continuous..... Price 12.00 16.00
 Order by number. State whether light falls on right or left of sitter, and if light, medium or dark shade is wanted.

BACKGROUNDS.



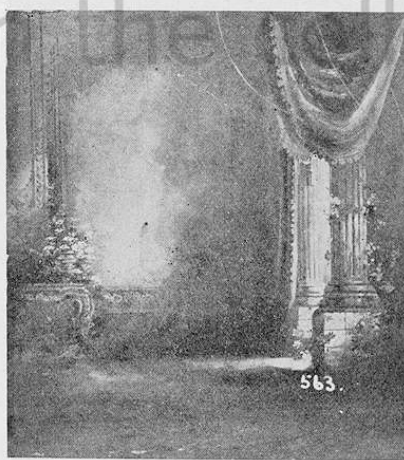
576



566



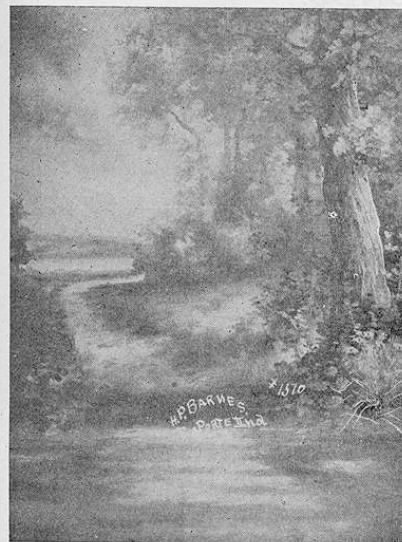
565



563

Backgrounds 8x10 Price \$10.00 Burlap \$12.00
 Backgrounds 8x15, Continuous..... Price 12.00 16.00
 Order by number. State whether light falls on right or left of sitter, and if light, medium or dark shade is wanted.

BACKGROUNDS.



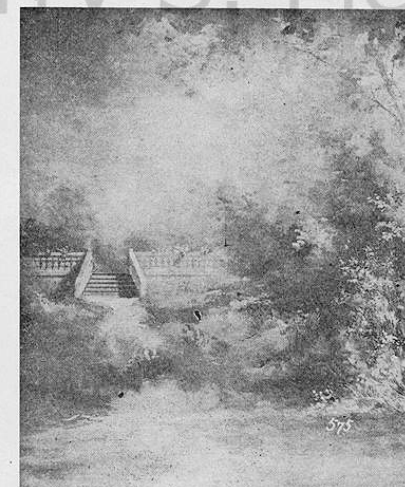
1510



1509



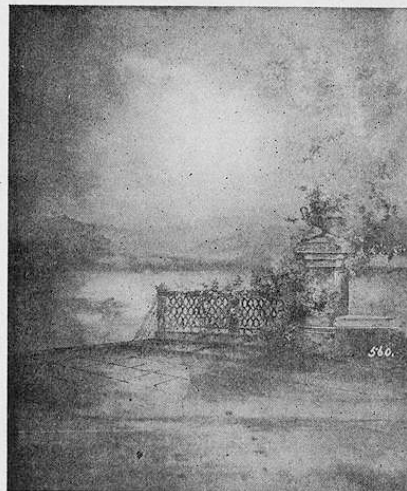
1511



575

Backgrounds 8x10..... Price \$10.00 Burlap \$12.00
 Backgrounds 8x15, Continuous..... Price 12.00 16.00
 Order by number. State whether light falls on right or left of sitter, and if light, medium or dark shade is wanted.

BACKGROUNDS.



560



577



567



523

		Muslin	Burlap
Backgrounds 8x10.....	Price	\$10.00	\$12.00
Backgrounds 8x15, Continuous.....	Price	12.00	16.00

Order by number. State whether light falls on right or left of sitter, and if light, medium or dark shade is wanted.

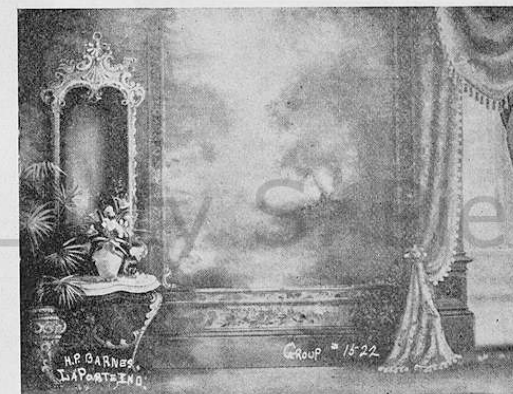
GROUP
GROUNDS.

Group Grounds, any size on
Muslin, per square foot.. 12½c
Group Grounds, any size on
Burlap, per square foot.. 15c

Order by number. State whether
light falls on right or left of
sitter, and if light, medium or
dark shade is wanted.



564

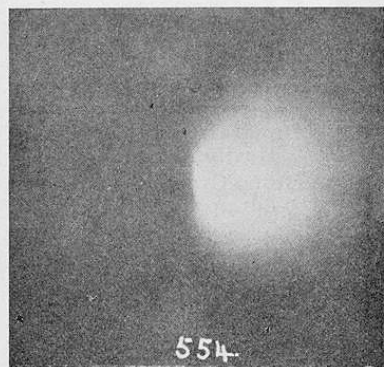


1522

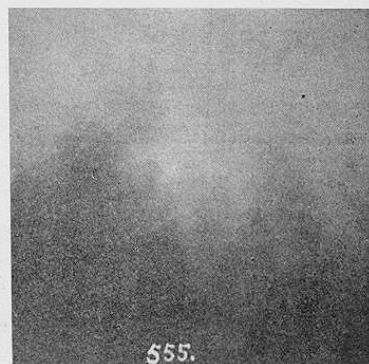


578

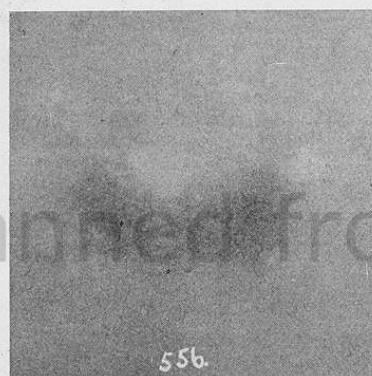
HEAD GROUNDS.



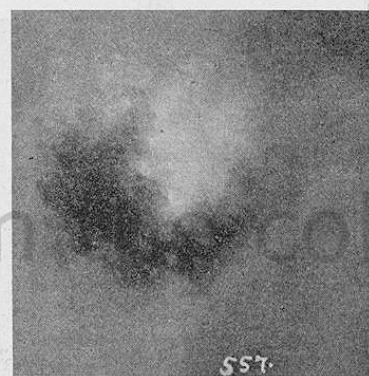
554.



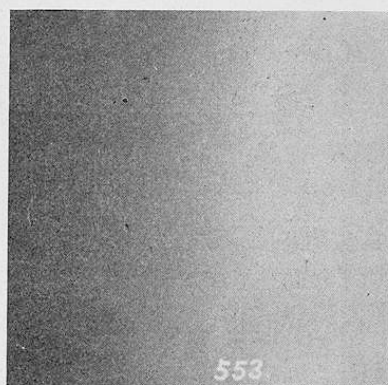
555.



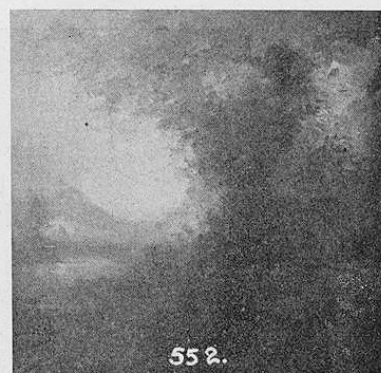
556.



557.



553.

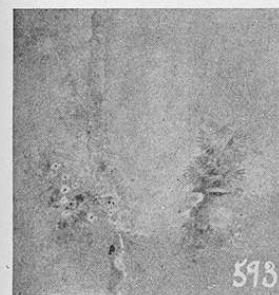


552.

Head Grounds 5x5.....	Price	Muslin	Burlap
Head Grounds 5x6.....	Price	3.00	4.50
Head Grounds 5x7.....	Price	3.50	5.25

Order by number. State whether light falls on right or left of sitter, and if light, medium or dark shade is wanted.

HEAD GROUNDS.



593

	Price	
	Muslin	Burlap
5x5...	\$2.50	\$3.75
5x6....	3.00	4.50
5x7....	3.50	5.25

Order by number.
State whether light
falls on right or left
of sitter, and if light,
medium or dark shade
is wanted.



592



591



590



For Children.

530



533.

For Children.

533

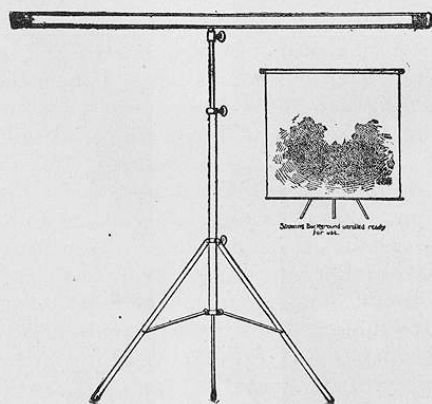
MASCOTTE SEXTUPLE BACKGROUND.



One ground does it all. A special design, painted on best cotton, with which six different effects can be produced, as above, by reversing the position of the ground. Suitable for any light.

Size, 5x6 feet, \$1.50.

MASCOTTE PORTABLE CARRIER.



A practical Stand, fitted with spring window shade roller, suitable for all 5x6 or smaller grounds, complete, as shown in illustration. With this stand you can preserve your ground. After you are through making your pictures roll up the ground same as you would a window shade, removing the roller, take the cross-bar off, fold the stand, and you can carry the whole business under your arm. Price, \$2.00.

THE ANTHONY BACKGROUND CARRIER.



Is by far the best on the market as regards style and workmanship. It is made of selected cherry, handsomely finished, and the metal parts are of japanned iron and burnished brass. It is an ornament to any operating room.

The manipulating is all done with one crank or hand wheel. This one wheel, always in the same position, both elevates the roller and winds and unwinds the ground. No ratchet wheel or locking device of any kind is used, the roller staying where put without locking. There being no ropes, chains, pulleys or rachets, the carrier cannot get out of order. The roller can be raised to any height, the end posts, or roller supports, being telescopic. In handling background behind a subject, it is a great advantage to be able to raise or lower the background to suit the subject. It is the most modern and most perfect carrier on the market. The rollers are a great improvement over any heretofore offered. Tin rollers, when indented, are difficult to repair. The improved roller for the Anthony Carrier is a specially made hollow tube, with canvas cover, and cannot be bent or indented. It is less than half the weight of the tin roller, and costs one dollar less. The Anthony Background Carrier is made regularly for backgrounds eight feet wide, and size desired must be stated when ordering.

Complete, with one roller.....\$25.00

Extra roller, (3 inch)..... 2.50

THE A. C. T. ELECTRIC LIGHT SYSTEM. FOR GALLERY USE.

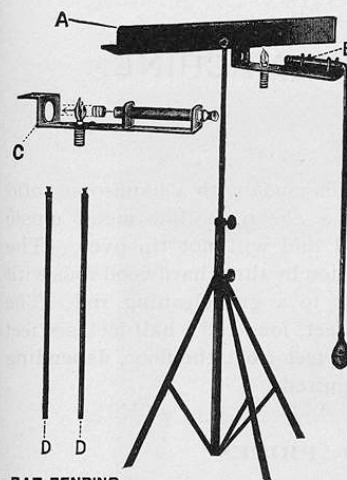


Consists of a specially made hand-feed electric arc lamp on an adjustable rheostat, by which the light may be regulated from one thousand to ten thousand and candle power. The lamp is perfect in construction, burning steadily with a light of ten thousand candle power if desired, using for this illumination a voltage of one hundred and ten, with a current of fifty amperes.

No adjustment is necessary, except to replace the carbons as they are burned out, and, by means of the small screw at the top of the lamp, to adjust them from time to time. The lamp being hand-feed, it will burn for fifteen minutes without adjustment, and by simply turning the wheel at the top adjustment is effected, and it will again burn for the same length of time without attention. This operation may be repeated indefinitely. Full timed exposures made in from one to two seconds.

This 10,000 candle power lamp will now be furnished for \$150.00.

FLASH LAMPS. The Brouse "Bunch Light" Machine.

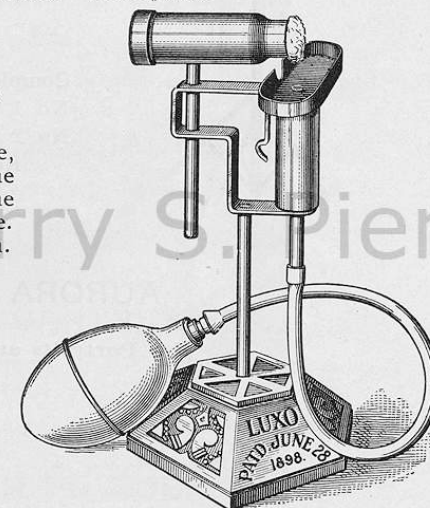
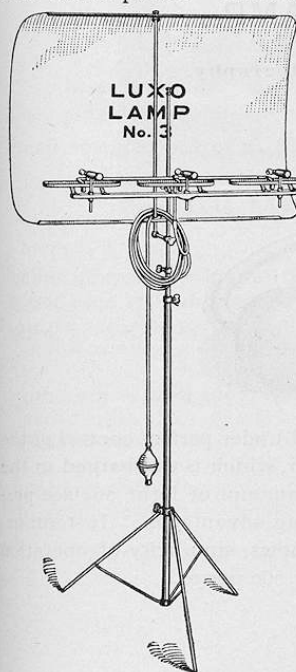


In this lamp the composition powder is spread on a shelf-like burner (A) 20 in. long. A very broad flame of high intensity is thereby produced. A cotton fuse is inserted through a hole in the shelf, establishing communication with the powder. A plunger (B) actuated by pneumatic pressure and moistened with a few drops of alcohol is projected through an alcohol flame up against the cotton. The plunger carries the flame from the lamp to the cotton and thence to the powder. The flame cannot reach the powder until the plunger is actuated. The lamp can be raised to a height of 5 feet by means of a collapsible stand. Beautifully finished. Price \$6 00.

PAT. PENDING.

The No. 1 a New Style Luxo Flash Lamp.

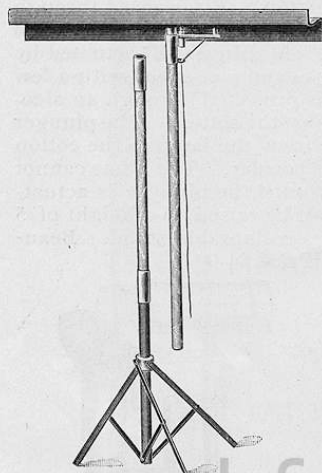
This lamp is operated by pneumatic pressure, but instead of blowing the powder into the flame, the flash-pan is raised by squeezing the bulb and the powder is thrown into the flame. Size of flash-pan 2 in. Size of lamp 6 in. Full nickel-plated. Price complete, \$1.00.



The No. 3 Luxo Flash Lamp.

This lamp is intended for portraits, large groups and general gallery work. It is provided with three 7-inch flash-pans, all of which are connected with the same tube, so that the powder in the three flash-pans can be exploded simultaneously by pressing the one bulb; one, two or three pans can be used as desired. It is neatly constructed, nickel-plate finished and is mounted on a folding, double-telescopic stand. The height can be regulated to suit each particular subject. It has a 24x32½ inch Asbestos Curtain which protects the operator and acts as a reflector. Height when extended, 7 feet; weight, 5½ lbs. Price complete, \$15.00.

THE "REX" FLASH LIGHT MACHINE.



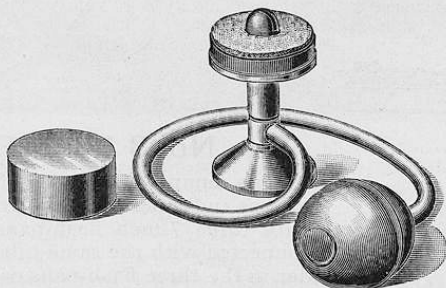
This machine is made with a handsome solid metal tripod, not a cheap, hollow metal music stand. It is rigid and will not tip over. The pan is held in position by three hardwood rods with metal tips, similar to a gun-cleaning rod. The light can be three feet, four and a half feet, six feet or seven and a half feet from the floor, depending on the lighting required.

PRICES

Complete with Alcohol Lamp and full directions:
 No. 1 "Rex" Hand Lamp.....\$1.50
 No. 2 "Rex" Flash Lamp, with Wood and
 Rods Metal Tripod..... 3.50

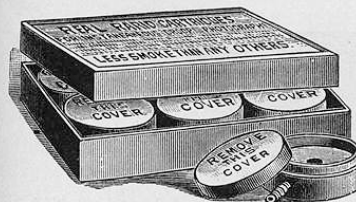
AURORA FLASH LAMP.

For Portraits and Indoor Photography.



The Aurora Flash Lamp is absolutely safe, and under perfect control of the operator. This Lamp uses pure magnesium powder, which is discharged in the shape of a semi-circular flame, giving the greatest amount of light surface possible. The Aurora Flash Lamp has the following advantages: Instantaneous, good detail, no ghastly effect, softness of shadows, simplicity of operation and economy. Price \$3.00. Aurora Flash Powder 50c per oz.

REAL RAPID CARTRIDGES.



A powerful, safe and economic compound of pure magnesium; a powerful illuminant for use at night or in conjunction with daylight illumination. Real Rapid Cartridges embody an entirely new principle. The powder is covered by a paper which not only serves to quicken the burning and thus shorten the time of exposure, but also spreads the flame, so as to give a broader surface and higher illuminating power.

PRICES

Size No. 1, per box of 6.....	\$.25
" No. 2, " .....	.40
" No. 3, " .....	.60

SCOVILL'S MAGNESIUM FLASH LIGHT CARTRIDGES.

No. 3. Large package of 6..75c. These cartridges cannot be sent by mail.

EASTMAN'S FLASH SPECIALTIES.

Eastman's No. 1 Flash Cartridges, per package, half dozen.....	\$.60
" No. 2 " .....	.40
" No. 3 " .....	.25
" Flash Sheets, " .....	.25

UHLMAN'S FLASH CARTRIDGES.

These cartridges are made in a new form for use without aid of lamp. They give a large volume of light and are always ready.

Small size, per box of 6.....25c Large size, per box of 6.....40c

UHLMAN'S FLASH POWDER.

This is a quick burning powder that is noiseless, practically smokeless, and leaves no residue—it is all converted into light—the sort of light that makes strong and brilliant negatives.

Price, per half ounce.....25c Price, per ounce.....50c

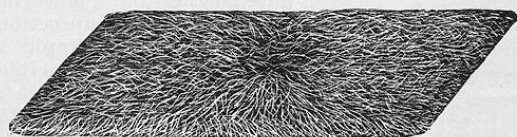
PURE MAGNESIUM POWDER.

Price, per ounce.....40c Per pound.....\$3.50

LUXO FLASH POWDER.

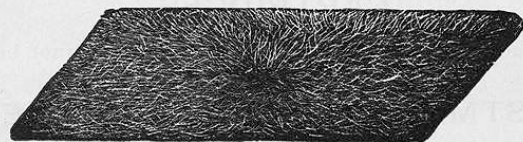
Per ounce\$.33

GOAT FUR RUGS.



The purchaser of these rugs gets more pleasing effects and better satisfaction in proportion to the outlay than for any other article used under his light. They are about $2\frac{1}{2} \times 5$ feet in size and mostly light colors. Price, each, \$3 50.

WAXED LINEN GRASS MATS.



Clean, neat, durable, practical, and just what photographers have been seeking for a long time. It is made with burlap back, with a heavy covering of waxed linen thread.

22x60 (size of burlap).....\$1.00

RUBBER FOCUSING CLOTHS.

Handsome fancy plaid and serge back. They are the finest we have ever had, and should be in the hands of every photographer.

One yard wide by one and a half yards long, 60c each.



Double Nose
Bulb

RUBBER BULBS.

Each\$.25

RUBBER TUBING.

Pure India Rubber Tubing, per foot..... .05
Maroon " " "05



Single Nose
Bulb.

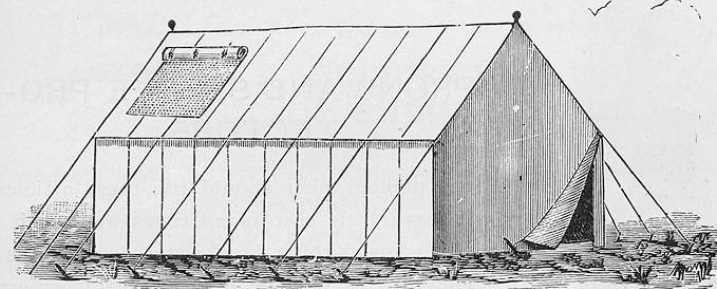


POLLY BABY CHARMER.

A mechanical bird, strong and well made, highly colored and attractive in appearance, is so arranged that by winding up, it will swing backwards and forward on its perch, and raise and lower its wings automatically. It is a great success with the little folks.

Price.....\$0.75

THE PHOTOGRAPHER'S TENT.



Made of any size to order, and furnished in a few days.

Roof made of 8-ounce U. S. A. standard duck, and ends and side walls of 8-ounce twill. Price ready for shipment:

	Wall, ft.	Height, ft.	8-oz. Duck	12-oz. Duck.	Mildew Proof.
12 x 21	6	11	\$33.75	\$48.50	(extra), \$ 3.80
12 x 24	6	11	37.00	55.50	" 4.50
16 x 24	6	13	46.25	64.00	" 5.25
6 x 6 Dark Room					" 13.00
4½ x 4½					" 11.00

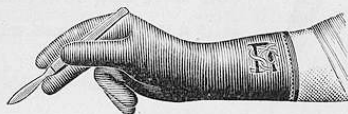
STANDARD HEAVY FINGER-COTS.

Are unexcelled, made of the finest and strongest rubber produced. Prevents staining of fingers in developing and toning, and invaluable in all work injurious to the fingers. Packed three in a nest.

Price per set.....15c



SEAMLESS RUBBER GLOVES.



These gloves overcome all the objections to the thick and clumsy ones formerly used.

They are made from the finest rubber, are thin, tough, smooth, seamless, impervious, do not obstruct the sense of touch a particle or interfere with the free use of your fingers in photographic manipulations.

When ordering, give exact circumference between thumb and knuckles, in inches, without compressing the hand.

Seamless Rubber Gloves, per pair.....\$1.50



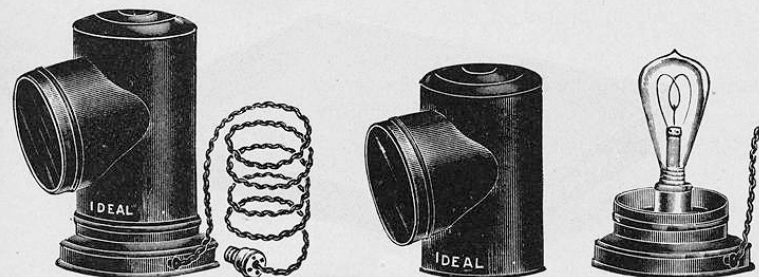
APRONS AND SLEEVE PRO- TECTORS.

Every photographer should use these articles, as they will save their cost many times over each year by protecting his clothing from water, from stains and dirt. They are well made, of very heavy waterproof materials, and are therefore very durable.

PRICES.

Aprons, 39 inches longeach, \$.75
Aprons, 48 inches long..... " 1.00
Sleeve Protectors, 15 inches long.....Pair .35

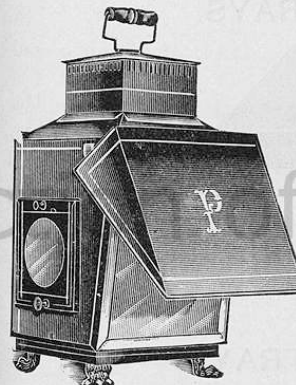
THE IDEAL ELECTRIC RUBY LAMP.



The lamp is fitted complete with 16 candle power incandescent lamp, and wiring with connection, which can be attached to either the Edison or T. & H. socket. The lamp is fitted with three glasses, orange, ruby and ground, either of which can be instantly removed so that the light can be adapted to the class of work on hand. When ordering specify whether for Edison or T. & H. socket. Price, \$2 50. Extra glasses, 10c.

THE PROFESSIONAL LAMP.

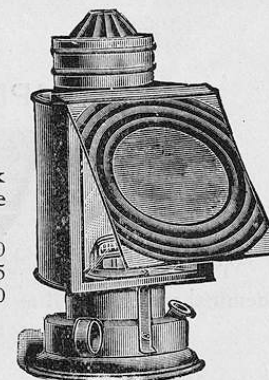
The good points of the Professional Lamp are: The flame can be regulated from outside; the reflector can be rotated from outside independently; the front ruby glass orange paper improved long hood; the side opal glass covered by hinged door for lantern slide work; the back full light-tight slide door; the side slide door ruby glass only to observe flame. 11 inches high, 5x7 glass, oil only. Price, each, \$4.



BULL'S EYE LAMP.

One of the best Dark Room Lamps in the market.

No. 1.....\$0.50
No. 2......75
No. 3..... 1.00

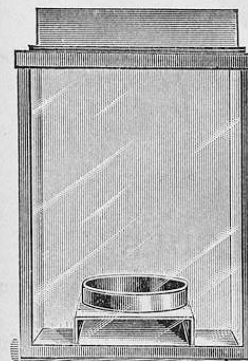


PRACTICAL CANDLE LAMP.

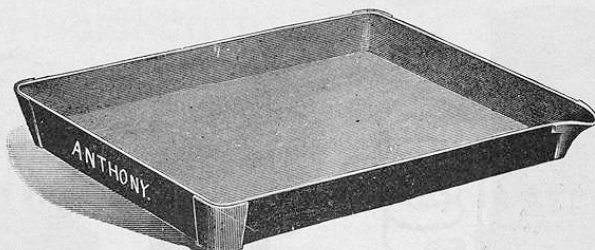
This is the best candle lamp made. It has perfect ventilation and gives a good volume of light.

Price, 20 cents.

Perfection Candles.....5c each

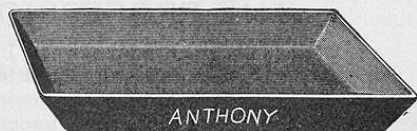


STANDARD HARD RUBBER TRAYS.



Size	Price	Size	Price	Size	Price
4 1/4 x 5 1/4	\$0.55	8 1/2 x 10 1/2	\$1.25	18 x 22	\$6.00
5 1/4 x 7 1/4	.70	10 3/4 x 12 3/4	1.85	19 x 23	6.75
5 1/2 x 8 1/2	.80	12 x 16	2.80	21 x 26	8.50
7 x 9	.95	15 x 19	4.75		

LINEN PREPARED TRAYS.



This is a new tray on the market, especially adapted for toning and washing prints, and is being used to-day by the leading photographers everywhere.

Size	Price
17x21.....4 in. deep	\$3.50
20x24.....4 " "	4.00
21x27.....4 " "	5.00

COMPRESSED FIBRE TRAYS.



They are perfectly smooth and easy to clean, and are guaranteed to be chemical proof as well as superior in finish and durability.

Size	Price
4 1/2 x 5 1/2	\$.28
5 x 7	.42
5 1/2 x 8 1/2	.56
7 x 9	.72
8 1/2 x 10 1/2	1.08

P. & B. PHOTOGRAPHIC LACQUER.

A perfect preservative for coating sinks, trays, tanks, etc., rendering them proof against acid, alkali and water.

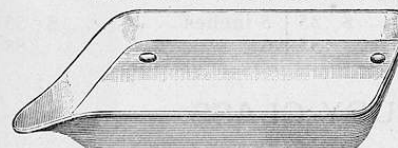
In quart cans.....per quart, \$0.55 | In pint cans.....per pint, \$0.30

PORCELAIN TRAYS.

(The dimensions given are for inside the bottom of the tray.)

Size	Price	Size	Price
5 x 7 deep	\$.62	11x14 deep	\$2.64
5 1/2 x 8 1/2 " "	.75	14x17 " "	6.60
7 x 9 " "	.82	15x19 " "	8.00
8 x 10 " "	1.00	19x23 " "	15.00
10 x 12 " "	1.66	19x24 " "	16.00

ELITE PORCELAIN LINED TRAYS.

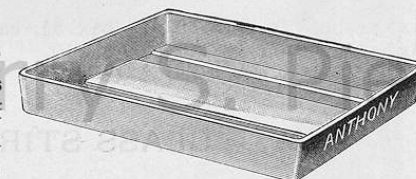


Less fragile than the porcelain trays, and at the same time less expensive. These trays are proof against any acids used in the photographic business.

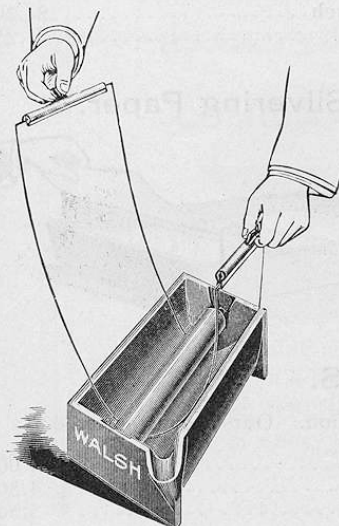
Size	Inches Deep	Price	Size	Inches Deep	Price
4 x 5	1 1/4	\$.25	12 x 16	2 3/4	\$2.63
5 x 7	1 3/8	.50	14 x 17	2 3/4	3.75
5 x 8	1 3/8	.63	16 x 20	2 3/4	4.50
7 x 9	1 3/8	.75	18 x 22	2 3/4	6.00
8 x 10	1 3/8	1.13	20 x 24	3	7.00
10 x 12	2	1.70	22 x 27	3 1/2	9.00
11 x 14	2 1/4	2.25			

AMBER GLASS TRAYS.

These are furnished in amber glass and are deservedly popular because of the ease with which they are kept clean and free from chemical contamination.



Size	Price
4 1/2 x 5 1/2	\$.15
5 1/2 x 8 1/2	.25
7 x 9	.40
8 x 10	.50



FILM DEVELOPING TRAY.

FOR DEVELOPING FILMS
IN STRIPS.

Made of stoneware. Finished in dark brown glaze with detachable self-holding revolving roller. Easy to operate. Saves time, developer and prevents scratched films.

Price, 50c.

PORCELAIN MORTARS AND PESTLES.



8 inches.....\$2.25	4 inches.....\$.70
7 " 1.75	3 "50
5½ " 1.25	2½ "45
5 " 1.00	2 "40

GLASS MORTARS AND PESTLES.

2½ inches .....\$ .15	3½ inches .....\$ .25	5 inches .....\$ .55
3 "20	4 "35	6 "88

ORANGE AND RUBY GLASS.

Size, 4x 5, per light .....\$ .10	Size, 11x14, per light ..... .45
" 5x 7, "15	" 12x16, "60
" 8x10, "30	" 16x20, "75
" 10x12, "40	

Plain Ground Glass for Transparencies or Cameras.

4x5, each.....\$.10	6½x 8½, each....\$.25	11x14, each.....\$.60
5x7, "15	8 x10, "30	14x17, "75
5x8, "20	10 x12, "50	

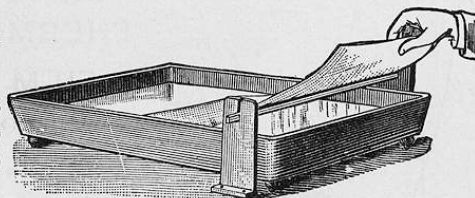
GLASS STIRRING RODS.

8 inch.....\$..10	15 inch.....\$..20
12 "15	18 "25

Hollow Glass Tubes for Silvering Paper.

These are much stronger than solid glass rods.

15 in. long, ½ in. diameter...\$.25
19 " ¾ "40
23 " 1 "50



DIAMONDS.

A good diamond is an important consideration. Ours are all selected.

Ebony, plain.....\$4.00
Ebony, with key 4.50
Ivory, with key..... 5.50

HYDROMETERS.

For measuring the specific gravity or relative density of liquids.

Single degree scale, packed in wooden cases, each.....\$0 50



THE PHOTO THERMOMETER.

Every photographer should test the temperature of his solutions, for on that depends the good qualities of the negative or print. The Photo Thermometer does it accurately and can be placed on the side of a tray and kept there during development or toning so that there is a constant gauge on the temperature of the solution.

Price, each.....\$0.25



COMBINATION STIRRING ROD AND THERMOMETER.

A very handy and useful article. Price.....\$0.25

MOORE PUSH PIN.


For pinning up photographic films to dry. There is a demand for a pin with a handle, and it is almost impossible to break these. Once tried, you will continue to use them.

1 dozen in a box, price per box.....\$0.25



MOLDED GRADUATES.

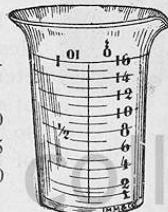
Made in the following sizes, warranted accurate:

	Minim, each.....	\$0.20
	2 dram, ".....	.25
	1/2 ounce, ".....	.20
	1 " ".....	.20
	2 " ".....	.20
	3 " ".....	.25
	4 " ".....	.30
	6 " ".....	.35
	8 " ".....	.45
	12 ounce, each.....	.60
	16 " ".....	.75
	24 " ".....	1.00
	32 " ".....	1.25

MEASURING GLASSES.

These glasses have pressed lines and figures, and are accurately graduated.

2 oz.....	\$0.10
4 oz.....	.15
8 oz.....	.20



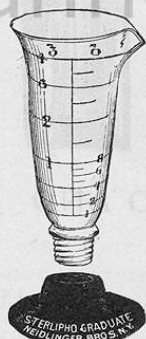
THE STERLIPHO GRADUATE.

A glass graduate symmetrical in shape and of superior quality, screwing into a base that is unbreakable, and highly polished.

PRICES.

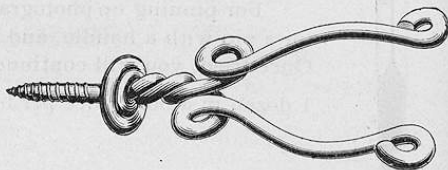
	1 oz.	2 oz.	4 oz.	8 oz.	16 oz.
Graduates complete.....	\$0.35	\$0.40	\$0.50	\$0.75	\$0.95
Glass only.....	.20	.25	.35	.45	.65
Base only.....	.15	.15	.20	.30	.35

Graduate Racks, per set of five, 50 cts.



THE STERLING GRADUATE RACK.

You merely screw them into the wall as far apart as you choose, and that's all, except to slip the graduates in when you are ready. They come in sets: Two small, one medium and two large. Price, 50 cents per set.



PERFECT DEVELOPER BOTTLES.



Made of clear flint glass with heavy smooth bottoms. The advantage of using these bottles is that they have a very wide mouth, permitting the free access of all chemicals to be dissolved. The stopper and neck is ground, which makes these bottles practically air tight, thus preventing oxidation of contents, and keeping your developer always in perfect condition. The large sizes are desirable for the soda solutions, and small sizes for Pyro. No dark room is complete without a set of Perfect Developer Bottles.

Size	Price	Size	Price
Pint.....	\$.30	Half gallon.....	\$.50
Quart.....	.35	One gallon.....	.75

COMBINED BULB AND FUNNEL FILTER.

In this combination of funnel and filter, the bulb retains the filtering cotton in such a manner as to obviate the difficulty experienced in the ordinary funnel. The sizes and prices are as follows:

Pint.....	\$.35
Quart.....	.40
Half gallon.....	.85



RIBBED FUNNEL.

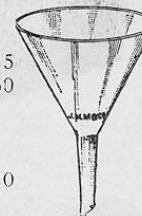
They have solid glass ribs on the inside, running vertically, as shown in the cut, thus forming passages through which the solution descends freely after passing through the paper.

Pint.....	\$.20
Quart.....	.30
Two quart.....	.45



PLAIN GLASS FUNNELS.

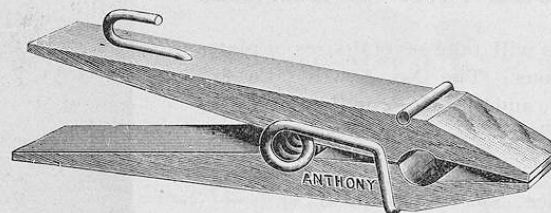
Pint.....	\$.15	Half gallon.....	\$.25
Quart.....	.20	Gallon.....	.50



ABSORBENT COTTON.

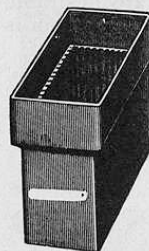
1 pound package.....	\$.30	Half pound package.....	\$.20
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U. S. PHOTO CLIP.

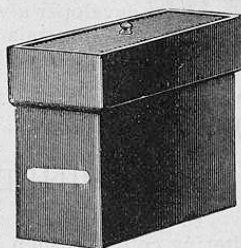


This clip is exceedingly strong, being made of hard wood, with heavy wire springs, and is provided with a hook. Price, per dozen, 25c.

UNIVERSAL HARD RUBBER FIXING BOX.



The Universal Fixing Box is made entirely of hard rubber, and has the following advantages over all other methods of fixing. The plates stand half an inch above the ridges, allowing the operator to remove it without touching the film. The cover prevents dust and light from entering the box. All impurities sink to the bottom, and the plate cannot touch them. No spots possible on your negatives. Made in two sizes:



No. 1 takes 22 plates, $3\frac{1}{4} \times 4\frac{1}{4}$, $4\frac{1}{4} \times 6\frac{1}{2}$ or 12 plates, $6\frac{1}{2} \times 8\frac{1}{2}$\$4 50
No. 2 takes 22 plates, 4x5, 5x7, 5x8, or 12 plates, 8x10..... 5.00



DURANOID FIXING BOX.

It fixes twenty-one 4x5 plates or twelve 5x7 plates. It saves plates. It saves solution. It is smooth and easy to keep clean. It has a ridge to keep plates above the bottom and any sediment that may form. It is made of Duranoid, a beautiful, smooth material, not attacked by hypo or developers.

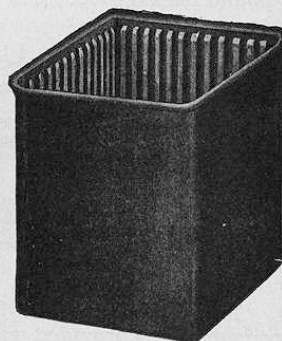
Price, \$1.50.

ELECTROSE FIXING BOXES.

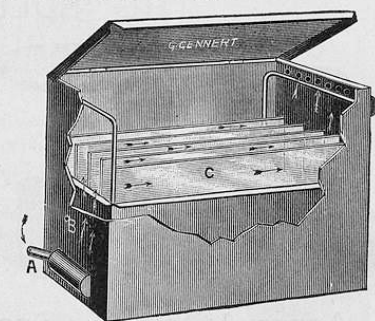
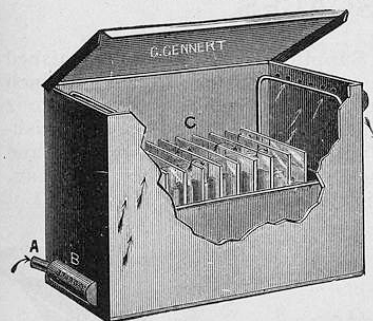
These boxes will take several sizes of plates without partitions. The No. 1 will take 4x5 or $3\frac{1}{4} \times 4\frac{1}{4}$ plates, and the No. 2 will take 5x7 or 5x8 plates. They are the neatest and most practical boxes ever offered.

Price, No. 1.....\$1.50

" No. 2.....\$2.00



PERFECTION WASHING BOX.

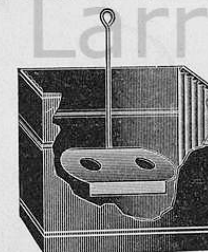


The Perfection Washing Box is constructed on an entirely new principle, and as the water enters in a stream the full width of the box, all plates are evenly and thoroughly washed. It has numerous advantages, as follows:

It washes more plates. It washes thoroughly. All the plates can be removed at once by removing the metallic rack on which they stand. A continuous stream of water the full width of box. It is made entirely of zinc and cannot rust. Made in two sizes:

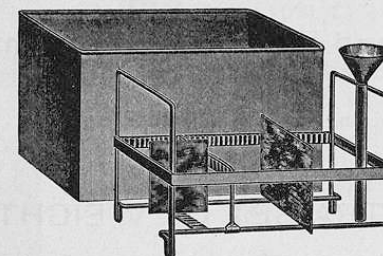
No. 1 takes 22 plates, $3\frac{1}{4} \times 4\frac{1}{4}$, $4\frac{1}{4} \times 6\frac{1}{2}$, or 12 plates $6\frac{1}{2} \times 8\frac{1}{2}$\$2 00
No. 2 takes 22 plates, 4x5, 5x7, 5x8, or 12 plates 8x10..... 2.25

RELIABLE ZINC WASH BOXES.

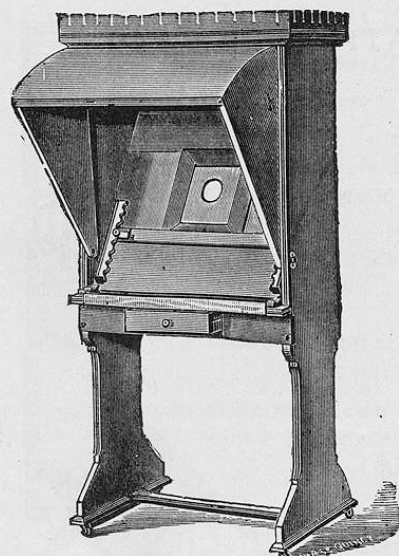


Reliable Wash Box for 4x5 and 5x7 plates, price..... \$1.25

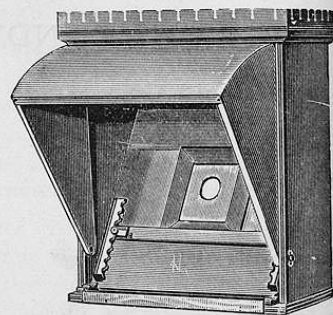
Combination Washing Box and Drying Rack.



For 4x5 and 5x7 plates, price.....\$1.50



No. 1. Suitable for 20x24 plates and smaller.



No. 2.

THE NOVEL RETOUCHING DESK.

A simple, complete and practical apparatus for the retoucher.

Price, No. 1, with base.....\$12.00
 " No. 2, without base..... 9.00

IMPROVED RETOUCHING FRAME.

Improved Retouching Frame, for 8x10 and under \$3.00
 Improved Retouching Frame, for 11x14 and under..... 4.00

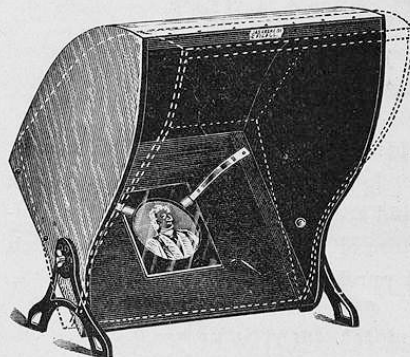


Improved Retouching Frame.

THE C. S. RETOUCHING FRAME.

Can be given any desired tilt, and will hold negatives of any size from C. D. V. to 14x17, and the negatives may be placed upright, horizontal or at any angle.

Price, each, \$3.00.



The C. S. Retouching Frame.

"Ko-i-noor" Retouching Pencils.

The most perfect pencils ever produced. Highest quality, greatest durability. Made in 16 degrees. They don't break, and outlast all others. We give the following scale for convenience in ordering:

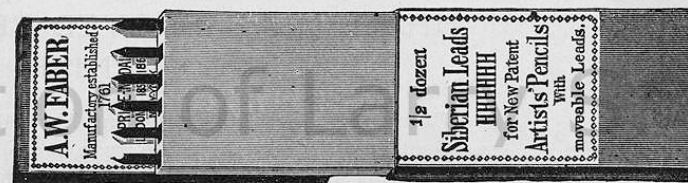
BBBBBB—Extra soft and extra black. F—Middling.
 BBBB—Very soft and extra black. H—Hard.
 BBB—Very soft and very black. HH—Harder.
 BB—Soft and very black. HHH—Very hard.
 B—Soft and black. HHHH—Very hard.
 HB—Hard and black. HHHHHH—Extra hard

The above scale applies to both the pencils in wood and leads only, so be sure to state which is wanted.

Price.....10c each, three for 25c.



A. W. FABER'S SIBERIAN PENCILS.



A. W. Faber's Pencils, with Siberian Lead from the Albert Mine, for Retouching, etc. We give the following scale for convenience in ordering:

BBBBBB—Extra soft and extra black. F—Middling.
 BBBB—Very soft and extra black. H—Hard.
 BBB—Very soft and very black. HH—Harder.
 BB—Soft and very black. HHH—Very hard.
 B—Soft and black. HHHH—Very hard.
 HB—Hard and Black. HHHHHH—Extra hard.

The above scale applies to both the pencils in wood and leads only, so be sure to state which is wanted.

Price.....10c each, 3 for 25c

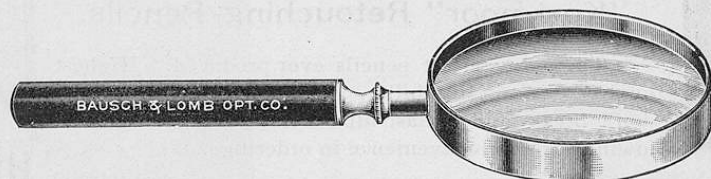


Holder for Leads, including one lead, each.....\$0 25

SMITH'S METALLIC POINT.

Five inches long; fits the regular Graphite Holder, each..... .25

RETOUCHING GLASSES.



Number.....	252	253	254	255	256	257	258	259	260	261
Diameter, inches.	2	2 $\frac{1}{4}$	2 $\frac{1}{2}$	2 $\frac{3}{4}$	3	3 $\frac{1}{4}$	3 $\frac{1}{2}$	3 $\frac{3}{4}$	4	4 $\frac{1}{2}$
Price, each.....	\$0.80	.90	1.00	1.25	1.50	1.75	2.00	2.25	2.50	3.25

THE OJOSCOPE.

With the aid of the Ojoscope retouching becomes a pleasure instead of a task, and damage to the eyesight is prevented, the image is magnified as with the most powerful reading glass, while the eyes are perfectly at rest. Twice as many negatives can be retouched as with the aid of the ordinary reading glass.

Price.....\$1.00.



UHLMAN'S IMPROVED RETOUCHING VARNISH.

Uhlman's Improved Retouching Varnish is an excellent medium on which fine work is easily done with medium hard pencils. It is elastic to the touch and you can build the negative to your heart's wish. Printing paper will not stick to it in hot weather. Can be flowed over a retouched negative without disturbing the retouching in the least. This varnish is especially valuable in filling out deep shadows, wrinkles and freckles. There is no limit to the amount of lead it will take.

Price, per 8 oz. bottle....\$.25

" 16 "50

Hammer Retouching Varnish.

Price, per 16 ounce bottle.....\$.50

CALCINED FLOUR.

Calcined flour is a clean dry mixture of finely ground minerals. For making a fine mat surface on negatives so that they will take the retouching pencil readily, and for reducing locally the density of negatives.

Price, per can, 25c.

CLIMAX ETCHING TOOL.



This is used as an eraser to remodel any objectionable features which appear on the negative, also for etching on prints in carbon, Aristo platino, etc.

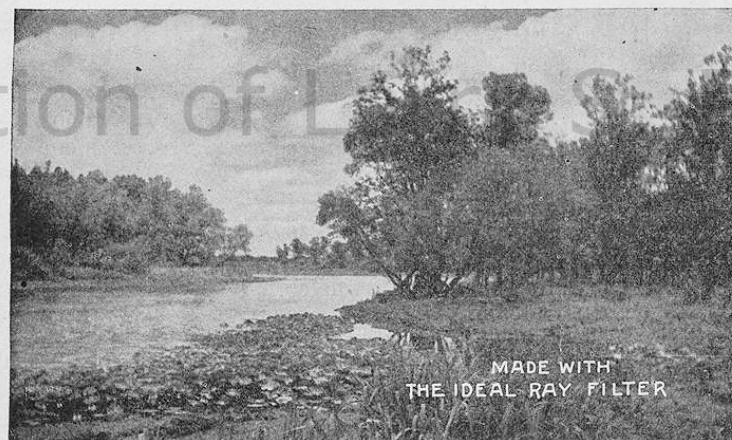
Made from the finest tempered steel. Price, 50 cents.

THE PHOTOSCRIPT.

Is an ingenious apparatus by means of which the operator may title and number his negatives in plain type, with little or no trouble, directly on the film surface; the letters and numbers so produced are clean cut and white, and may be put in any corner or margin desired.

Price.....\$3.75

TITLEIT.



MADE WITH
THE IDEAL RAY FILTER

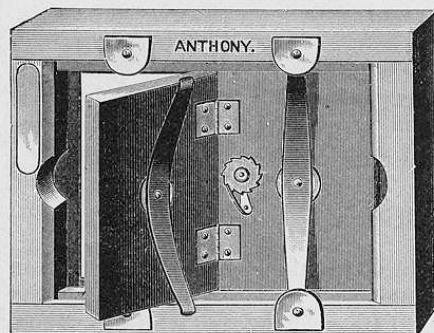
LETTERED WITH TITLEIT.

The simplest and most perfect method of titling negatives. Titleit consists of a plate of glass to which is attached 1,300 small letters and figures, size shown in cut above. Being made of thin metal, they are opaque and sharp in their outline.

They are easy to apply and are used by many leading photographers. They are superior to outfits sold at many times their cost. Do not spoil a good negative by trying to letter it by hand. It is worth the price of this outfit for one negative.

Price, complete outfit.....\$0.50

Anthony's Patent Improved Printing Frames.



These printing frames have been greatly improved by the placing of a washer under the spring, thereby saving the wear and tear of the wood-work, and the springs are fastened with rivets instead of screws. A tongue and groove is fitted into the back of frame where the two parts are hinged, preventing the entrance of any light. A spring tally for recording the number of prints made has also recently been added (see cut).

A celluloid tablet is recessed into each frame, constituting an admirable means for recording details of negative and of printing. Being recessed, the tablet is out of the way and no erasures of the notes is possible unless desired. The celluloid takes the pencil easily and marks are readily washed off.

Size	Flat	Deep	Size	Flat	Deep
3½x4¼.....	\$0.36	\$....	11x14.....	\$1.80	\$ 2.40
4 x 5.....	.38	....	14x17.....	2.40	3.00
4½x5½.....	.40	....	16x20.....	3.00	4.20
4½x6½.....	.42	....	17x20.....	3.00	4.50
5 x 7.....	.50	....	18x22.....	4.00	5.00
5 x 8.....	.52	....	20x24.....	5.00	5.25
6½x8½.....	.60	1.20	24x30.....	....	8.80
8 x 10.....	.75	1.40	35x45.....	....	15.00
10 x 12.....	1.00	1 60	30x60.....	....	20.00

When the backs open lengthwise, 10 per cent additional is charged.

A full line of these printing frames, with back two-thirds opening, always on hand.

AMATEUR PRINTING FRAME.

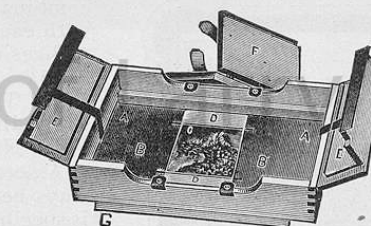
This frame is made especially for amateur use. It is light and strong, constructed of the best seasoned cherry and spring brass; springs being riveted to the back.

Size.	Price
3½x3½.....	\$.25
3½x4¼.....	.25
4 x 5.....	.25
4½x6½.....	.25
5 x 7.....	.35



PIKE'S PEAK AND THE COG RAILWAY. Photo—A 4x5 two-plate Panorama, by J. K. Jones, Colorado.

MELLEN'S PANORAMIC PRINTING FRAME.



C is the negative. A. A. with hinged covers E. E. closed, forms small compartments necessary to protect from light the loose ends of the strip of paper, while one of the negatives is being printed. With the use of cardboard kits, or cut-outs, which anyone can easily make, all sizes of smaller negatives can be printed in the one frame simply by changing the cut-outs to correspond with each size negative.

Combination portrait or figure panels are as easily printed as landscape panoramas, the only difference is where you want a white blended background for the former, you fasten to the tissue frame G. your ordinary portrait vignetter and slide the "adjustable" vignetter back out of the way.

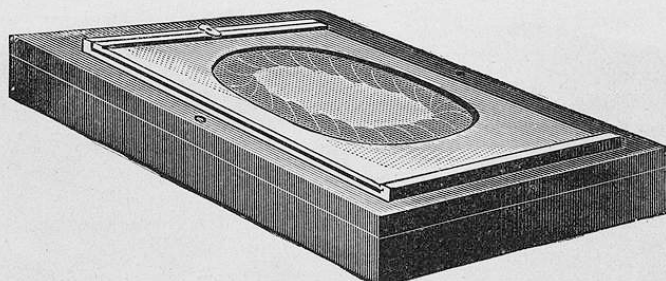
This gives a handy and inexpensive frame for all kinds of work.

10x10 Frame will print 8x10—6½x8½—5x8—5x7 negatives.....\$2.00
 8½x8½ Frame will print 6½x8½—5x8—5x7 negatives.....\$1.75
 6x6 Frame will print 4x5—4x4—3¼x4½ negatives.....\$1.50
 Cardboard Cut-outs per set, 25 cents.

Printed directions with each frame.

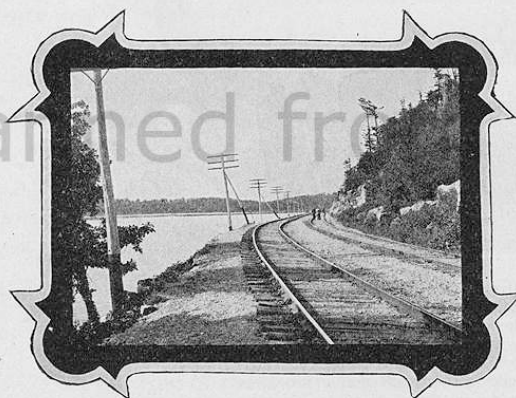
THE DIXIE VIGNETTER.

It is attached to the ordinary printing frame, and can be quickly, easily and accurately adjusted to any negative.



Size	Each	Per doz.	Size	Each	Per doz.
3 1/4 x 4 1/4	\$.30	\$3.50	5 x 8	\$.30	\$3.50
4 x 5	.30	3.50	6 1/2 x 8 1/2	.45	5.00
4 1/4 x 6 1/2	.30	3.50	8 x 10	.60	7.00
5 x 7	.30	3.50	10 x 12	.75	9.00

MANNING'S MASKS.



As many as 25 different combinations can be produced with each assortment.

Sizes made, 2 1/4 x 3 1/4, 2 1/2 x 4 1/4, 3 1/2 x 3 1/2, 3 1/4 x 4 1/4, 4 1/4 x 4 1/4, 4 x 5, 5 x 7. Two assortments of entirely different designs, numbered No. 1 and No. 2.

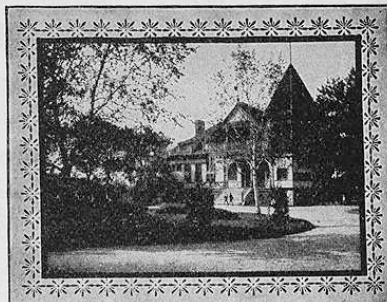
Assortment No. 1 will always be sent when no choice is specified. Assortment No. 1 contains one plain oval, one circle, one rectangle, and one round corner rectangle, the balance being ornamental masks. Assortment No. 2 is composed entirely of ornamental designs. 25c each.

Cabinet size, 3 3/8 x 5 3/8.—To be used on a 5x7 plate or larger. Assortment No. 1 only. Price, 25c each.

Sizes 6 1/2 x 8 1/2 and 8 x 10. Two assortments of entirely different designs, No. 1 and No. 2. Price, 50c each.

BERNHAM'S PHOTO BORDER MASKS.

Full assortment of squares, ovals and circles. Can be used with all photo papers. With one set you can print borders on thousands of pictures. Complete set of 9 pieces, by mail, 25c. Mention size of camera.



ARISTO SPOTTING-OUT COLORS.

These colors will burnish to the same brilliancy as film, and are put up in packages containing three shades. Price, 50 cents.

GEM SPOTTING COLORS--On Celluloid.

An excellent quality of color, suitable for spotting all kinds of print-out or developing paper. Per set, 15 cents.

GEM OPAKE.

In milk glass color pans, very fine ground, an excellent article. Price, only 15 cents.

GIHON'S OPAQUE.

Gihon's Opaque, per box.....\$0.50

INDIA INK.



Lion Head India Ink, per stick.....\$0.25

SPURR'S STUCCO.

Stucco for the printing room, for use in vignetting. No printing room is complete without this useful article. The printer can outline and make a vignette in one-fourth less time than the old way of adjusting a paper cut-out or vignetting board. For combination negatives, Stucco excels all other opaques.

Price, per can.....\$0.75



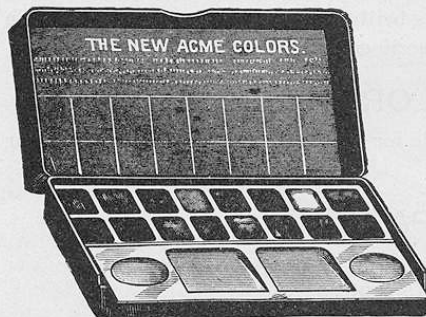
ARISTOTINT.

LIQUID WATER COLORS.

These are put up in bottles, the colors being pure and strong. They are just the thing for tinting portraits, landscapes, interiors, etc. No trouble at all to apply them. Full directions with each box.

Price, per box.....\$0.50

ACME TRANSPARENT WATER COLORS.



These colors are used for coloring or tinting photographs, both portraits and views, on any kind of paper, whether matt surface or glossy. They are used for coloring lantern slides, transparencies and prints of all kinds, and for Paris tinting, tapestry and fabric painting and sketching. Also for coloring bromide or solar enlargements, either by hand or with the fountain air brush. Price per set, complete with palette and instructions, \$2.50.

THE ACME AMATEUR BOX

Of colors contains scarlet, flesh, dark brown, deep yellow, dark blue and white—six colors—from which can be produced many different shades, amply sufficient for the amateur photographer's use.

Price, with instructions.....\$1.00

Acme Medium or Gloss Compound.

Some hard surface glossy papers, such as Collodion (Aristo), resist the penetration of colors so that you cannot produce the desired result. This will be obviated by using the Acme Medium, which will enable the paper to absorb and hold the colors. With it deeper and quicker results are obtained, and it does not impair the gloss in any way, but heightens it. If applied to lantern slides or transparencies, it will materially add to the depth of color.

Price, per pan.....\$0.35

ACME SOLUTION.

This solution is for use with matt surface papers, such as platinum, aristoplano, plain paper, etc., and while enabling the paper to take the colors perfectly, will not in any way destroy the original finish of the paper. It is in liquid form and very simple to use, and matt prints colored by its use give the most beautiful effects of any colored pictures.

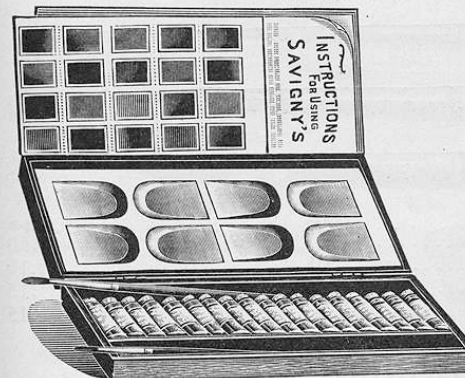
Price, per bottle.....\$0.50

ACME LANTERN SLIDE COLORS.

They are the finest lantern slide colors known, and are used by the slide colorists doing the finest work in this country. Absolute transparency with all gradations of tints, from the deepest to the most delicate shades, are requisites for ideal work on slides.

Per set, with complete instructions.....\$1.50
Separate Colors, in pans, each......25
Acme Medium, for adding to depth of color......35

SAVIGNY NEW MOIST TRANSPARENT WATER COLORS.



The colorist will find the Savigny Colors to possess the following advantages, viz: greater strength, greater purity, greater variety of shades, greater convenience, greater economy of use, greater combining affinities, greater keeping qualities and greater success and satisfaction in their use, than is possible with any or all other colors. They are easily applied either by hand or with the air brush. Each box contains a hand made chart showing each tint blended from the deepest to a faint tint, also full instructions for working,

and making combinations and harmonious blendings.

PRICES.

No. 1 size contains 18 colors, with chart, directions, brushes, etc.....\$2.50
No. 2 outfit contains 23 colors, with chart, directions, brushes, bottle of solution for making colors adhere to hard surfaces, bottle of enamel for finishing, a 6 cup palette, sponge, absorbent cotton, etc. Complete 6.00
Extra colors, per tube, any shade, each......20
Bottle of solution, "The Perfect"......50
Bottle of enamel, "Savigny's Photo"......30

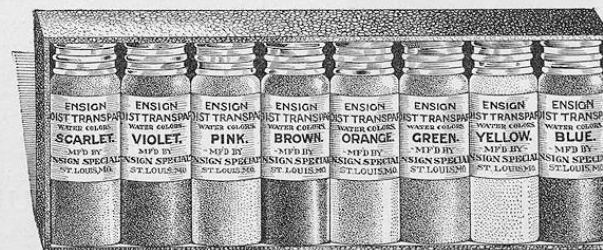
ENSIGN MOIST TRANSPARENT WATER COLORS.

The most brilliant and permanent made. Put up in screw top vials especially for coloring all photographic papers and lantern slides.

Set of 8 colors:
Scarlet, pink, violet, blue, green, orange, brown, yellow.

\$1.50 per set.

Each box contains full directions how to color, how to blend and mix for all shades, how to color aristo or any collodion photographic paper, how to color prints to be ferrotyped and mounted on cloth for catalogues and commercial work.

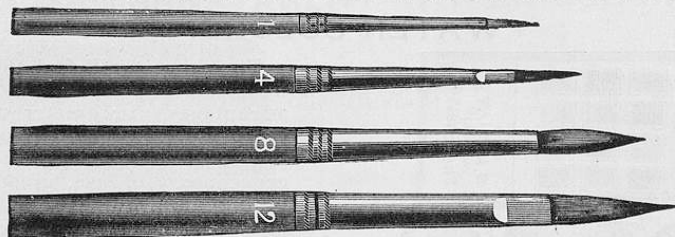


REVOLI'S MAGIC PHOTO TINTS.

Eight primary colors in cakes, which, when moistened with a brush and diluted and mixed, produce every variety of tint. Colors are transparent.

Price, with full directions, per box, 25c.

RED SABLE PENCILS—FIRST QUALITY.



No.	Each	No.	Each	No.	Each
1.....	\$0.05	5.....	.05	9.....	.10
" 2.....	.05	" 6.....	.05	" 10.....	.15
" 3.....	.05	" 7.....	.10	" 11.....	.15
" 4.....	.05	" 8.....	.10	" 12.....	.15

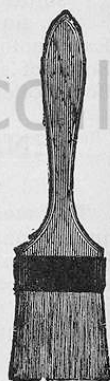
CAMEL HAIR DUSTERS.

1 inch.....	\$0.15
1½ inch.....	.25
2 inch.....	.35
2½ inch.....	.40
3 inch.....	.50



HARD RUBBER—SET AND BOUND BRUSHES.

Camel's Hair	Each	Bristles, Paste	Each
1 inch.....	\$0.38	1 inch.....	\$0.20
1½ inch.....	.57	1½ inch.....	.25
2 inch.....	.75	2 inch.....	.35
2½ inch.....	.95	2½ inch.....	.45
3 inch.....	1.35	3 inch.....	.50
3½ inch.....	2.25	3½ inch.....	.90



CELLULOID SQUEEGEES.

6 inch.....	\$0.15
8 inch.....	.20



RUBBER SQUEEGEES.

Velvet rubber, 6 inch, each.....\$0.40 | Velvet rubber, 8 inch, each.....\$0.50

SQUEEGEE FERROTYPE PLATES.

FOR SQUEEGEEING PHOTO PRINTS.

	Each	Per dozen
10x14 Glossy, Medium Thickness.....	\$0.15	\$1.50
10x14 " Heavy.....	.20	2.25

The Professional Print Roller.

This roller is an extra heavy and strong single roller, 1½ inch diameter, metal parts are nickel plated. Pressure is applied directly over the roller.

With iron center.

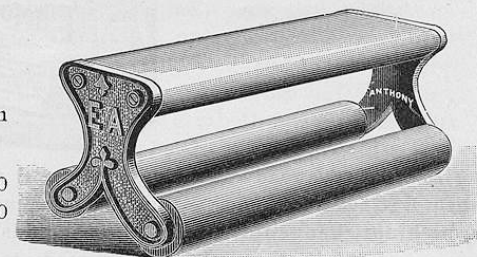
6 in....	\$1.30	8 in....	\$1.60
10 in....	1.90	12 in....	2.15



THE SUCCESS PRINT MOUNTER.

The accompanying illustration describes it fully.

6 inch.....	\$.40
12 inch.....	.60



DOUBLE QUEEN.

Beautifully designed, and permitting a very strong pressure. Nickeled.

5 inch.....	\$.50
6 inch.....	.65
8 inch.....	.85



THE O. K. MOUNTER.

Handsomely shellaced handle and brass sides—best grade of rubber.

6 inch size.....	\$.35
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FAVORITE PRINT ROLLER.

It has nicely nickeled frame and fine black enameled handle. Best rubber covered wood roller.

4 inch.....	\$.20
6 inch.....	.35



HIGGINS' PHOTO-MOUNTER.



Is an always ready adhesive which will not spill, spatter nor drop off the brush. It never hardens, separates or becomes gritty: Does not cockle, strike through nor change the tone. Never moulds, sours or deteriorates in any way. It is a perfect adhesive, scientifically made to meet the special requirements of photograph mounting. Prices, (in Screw Capped Jars):

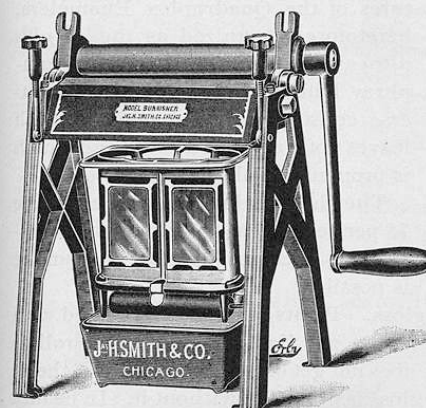
3 oz.....	\$0.15
6 oz.....	.25
14 oz.....	.50

THE WEIS BRUSH TUBE AND WHITE MUCILAGE.



Clean, convenient, handy and always ready. Far superior to ordinary mucilage. Sticks quick. It's just the thing. The Brush is always moist and ready for use. Made in three sizes. Price, 5c, 10c and 25c. By mail, 10c, 15c and 35c.

MODEL DUPLEX BURNISHER.



This machine is built to meet the requirements of those who are willing to pay a fair price for a thoroughly good, substantial, durable and practical machine. One that can always be relied upon to do its work thoroughly and well, and that there need be no fear of giving out or failure. The rolls are both made of best machinery steel (not cast iron like some others), the bottom one being highly polished and nickel plated, the upper one machine knurled and plated. The top roll (except in the six inch size) is hinged so that it can be easily thrown back when cleaning the polished roll. Either oil or gas heater is supplied free with each machine, and either will heat the roll quickly and maintain the heat required indefinitely. Every machine is fully warranted.

PRICE,

Heaters included.

6 inch.....	\$7.50	10 inch.....	\$12.50
8 inch.....	10.00	12 inch.....	15.00

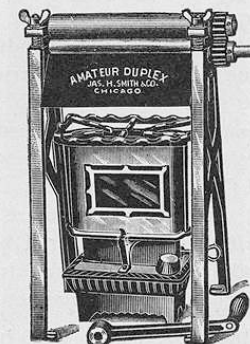
AMATEUR DUPLEX BURNISHER.

This is the cheapest burnisher on the market, and while by no means equal to the Model Duplex, it is superior to any other at the price. It has double rolls nickel plated, and is well made and finished.

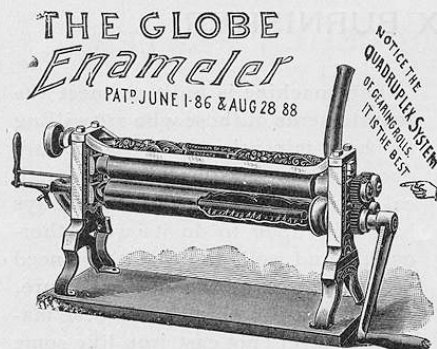
PRICE,

Including gas or oil heater.

6 inch.....	\$4.40
8 inch.....	5.00
10 inch.....	6.00



THE GLOBE ENAMELER.



Caps the climax in burnishing machines. It embodies the best features of the Quadruplex Enamelers, heretofore recognized as the *ne plus ultra* among burnishers, and the Humphrey Patent Hollow Roll, and heaters, constituting a machine which leaves nothing to be desired and which is pronounced absolutely perfect.

They heat in five minutes, and save 75 per cent of gas. Either gas or gasoline is used for heating; no smoke is possible.

No other machine will give as fine a gloss. Prints cannot be scratched with this machine. Rolls never sweat. Pictures are not liable to stick to the roll or pull off the cards. Oil from the journals does not get on the rolls and soil them. No lubricator is required; in fact, the best gloss is produced without it. In beauty of design and elegance of finish it stands unrivaled. It is full nickel plated. Every machine warranted perfect and satisfactory.

8 inch.....	\$22.00	15 inch.....	\$40.00
10 ".....	30.00	20 ".....	50.00
12 ".....	35.00	25 ".....	60.00

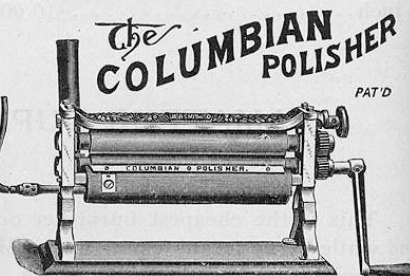
In ordering don't forget to specify whether gas or gasoline is to be used.

THE COLUMBIAN POLISHER.

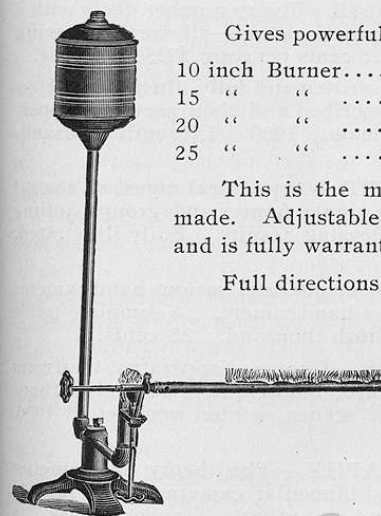
The best and the cheapest solid roll, two cog machine made. The fire box for heating the lower roll is the same new design with closed bottom and chimney attachment as that adopted for the Improved Quadruplex. It is the most important improvement for solid two roll machines ever introduced. It saves time in heating, and carries off overhead the surplus heat which has heretofore been such a great discomfort to operators. The construction, mechanism, design and finish of these machines is precisely the same as used in the Improved Quadruplex, except that two cogs only are used for connecting the rolls.

Gasoline heaters are supplied to all who have no gas. They heat in about half the time required by the dirty, smoky oil heater, supplied with another make of solid roll machines, and are more powerful, cleaner, smokeless, and in every way more satisfactory than oil.

8 inch, \$15.00.	10 inch, \$22.50.	15 inch, \$30.00.	20 inch, \$40.00.
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JAMES GASOLINE BURNISHER HEATER.



Gives powerful heat; no smoke; no soot; simple, effective.

10 inch Burner.....	\$5.00
15 " ".....	5.50
20 " ".....	6.00
25 " ".....	6.50

This is the most economical as well as powerful heater made. Adjustable in height for any make of rotary burnisher and is fully warranted.

Full directions will accompany each one sold.

REPOLISHING BURNISHER ROLLERS.

We are prepared to return your Roll inside of 24 hours, elegantly repolished and guaranteed like new in every respect.

10 inch.....	\$1.25
15 inch.....	1.50

HOT BOX OIL.

For Photo Burnishers. This is a perfectly pure, high fire test Hydro-Carbon Oil, and is the very best article known for use on machinery journals which are artificially heated. The importance of using a good oil on burnisher journals should not be overlooked.

1 pint bottle.....	\$0.25
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THE PHOTO-MINIATURE.

Is not like any other photographic magazine, but is altogether different. Instead of presenting short papers on miscellaneous subjects, every number of the Photo-Miniature is a complete book in itself. Every number deals with a different subject, and tells—in a plain and practical way—all worth knowing about its subject, with illustrations. Price, 25 cents per copy, \$2.50 per year.

No. 1. MODERN LENSES.—Plainly written and fully illustrated. How to choose and use lenses; the various types described and their peculiar properties, with an account of the modern anastigmats. 1900. Eleventh thousand. 25 cents.

No. 2. THE POSE IN PORTRAITURE.—A practical digest on the art of posing. With full instructions for posing single figures and groups, telling what to avoid and how to obtain the most pleasing results. Fully illustrated. 1900. Eleventh thousand. 25 cents.

No. 3. HAND CAMERA WORK.—Descriptions of various hand cameras for plates and films. How and where to use a hand camera. A complete guide from the American point of view. 1900. Ninth thousand. 25 cents.

No. 4. PHOTOGRAPHY OUTDOORS.—Choice of apparatus, treatment of subject, composition. Open air portraiture, landscapes with and without figures, coast scenes, shipping, "Moonlight" scenes, winter work, etc. 1900. Tenth thousand. 25 cents.

No. 5.—STEREOSCOPIC PHOTOGRAPHY.—The theory and practice of stereoscopy. Stereoscopy with single and binocular cameras. Moving objects, portraiture. Development, printing and mounting. Transparencies. A complete and practical book. 1900. Sixth thousand. 25 cents.

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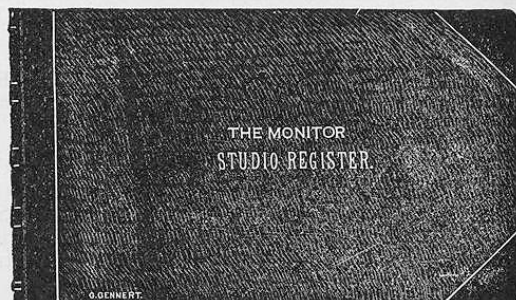
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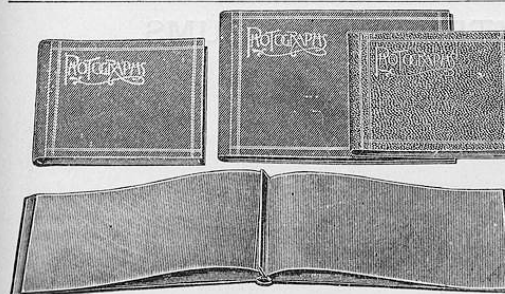
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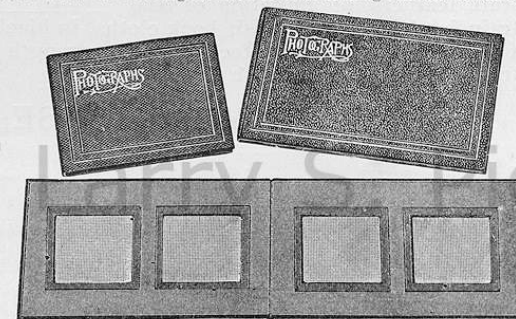
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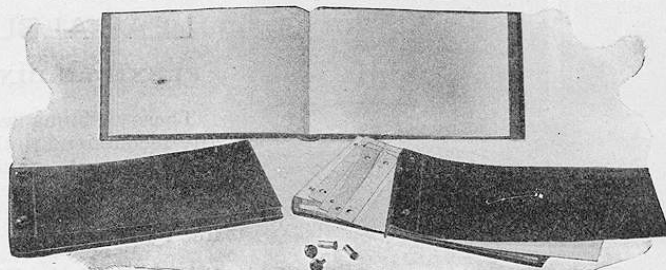
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7 x 10	5 x 7	12	24	9-12-24	1.00	10-12-24	1.25
6 1/2 x 10	3 1/2 x 3 1/2	6	24	11-6-24	.75	12-6-24	1.00
6 1/2 x 10	3 1/2 x 3 1/2	12	48	11-12-48	1.00	12-12-48	1.25
6 1/2 x 10	4 1/4 x 4 1/4	6	24	13-6-24	.75	14-6-24	1.00
6 1/2 x 10	4 1/4 x 4 1/4	12	48	13-12-48	1.00	14-12-48	1.25
11 x 7 1/2	4 x 5	6	24	15-6-24	1.00	16-6-24	1.25
11 x 7 1/2	4 x 5	12	48	15-12-48	1.25	16-12-48	1.50
11 x 7 1/2	3 1/2 x 4 1/4	6	24	17-6-24	1.00	18-6-24	1.25
11 x 7 1/2	3 1/2 x 4 1/4	12	48	17-12-48	1.25	18-12-48	1.50
7 1/2 x 5	2 1/4 x 3 1/4	6	24	19-6-24	.50	20-6-24	.75
7 1/2 x 5	2 1/4 x 3 1/4	12	48	19-12-48	.75	20-12-48	1.00
7 1/2 x 9 1/2	2 1/4 x 3 1/4	6	48	21-6-48	.75	22-6-48	1.00
7 1/2 x 9 1/2	2 1/4 x 3 1/4	12	96	21-12-96	1.00	22-12-96	1.50
11 x 14	4 x 5	12	96	23-12-96	2.25	24-12-96	3.00
11 x 14	3 1/2 x 3 1/2	12	96	25-12-96	2.25	26-12-96	3.00
11 x 14	3 1/2 x 4 1/4	12	96	27-12-96	2.25	28-12-96	3.00
11 x 14	4 1/4 x 4 1/4	12	96	29-12-96	2.25	30-12-96	3.00

BADGER EXTENSIBLE ALBUMS.

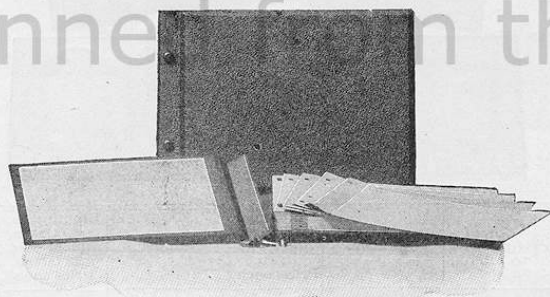


These are the only albums in which are combined a rigid yet extensible back and the popular thin leaf. Each album contains fifty leaves which are interchangeable and to which from one to thirty more leaves may be added. The covers are light and flexible and are made of genuine Seal Grain leathers, an imitation of Seal Grain leathers and English book cloths, in black only. The leaves are made of thin Melton finished stock of extra strength in all of the new shades, Ivy Green, Stone Gray and Ash Gray.

PRICE LIST.

Size of Leaf.	Complete Albums.			Leaves Ivy Green, Stone Gray Ash Gray.
	Style J Full Cloth.	Style K Imitation Seal Grain.	Style L Seal Grain Leather.	
6x 7	Each, \$0.75	Each, \$1.00	Each, \$1.75	Per doz. 12c
7x10	" 1.00	" 1.40	" 2.00	" 15c
10x12	" 1.50	" 2.00	" 3.00	" 25c
11x14	" 2.00	" 2.50	" 4.00	" 30c
14x11	" 2.50	" 2.75	" 4.50	" 35c

THE MOREHOUSE ALBUM.



The Morehouse Albums are the only albums which are extensible, in which the leaves are removable and interchangeable, and which have at the same time rigid, securely locked backs. The regular capacity of all books is 25 leaves, but from one to a dozen extra leaves may be inserted at any time. The leaves are of best quality 8 ply card board in white, queen's gray, steel gray and ivy green, smooth finished stock; and in 10 ply Scotch gray and ivy green Melton board.

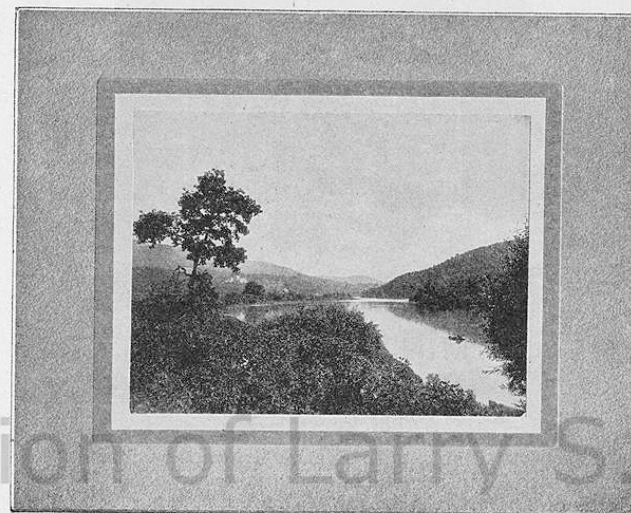
PRICES OF MOREHOUSE ALBUMS.

SIZES GIVEN ARE EXACT MOUNTING SURFACE OF PAGE.

STYLE "D"—Bound in full cloth, handsomely embossed.			
6x 7.....	\$1.25	10x12.....	\$2.25
7x10.....	1.50	11x12.....	2.50
8x10.....	2.00	14x17.....	3.50
STYLE "E"—Bound in half leather and half cloth.			
6x 7.....	1.50	10x12.....	2.75
7x10.....	1.75	11x12.....	3.25
8x10.....	2.25	14x17.....	4.00
STYLE "F"—Bound in seal grain back and corners. Handsomely rolled in gold leaf.			
5x 7.....	2.00	10x12.....	3.50
7x10.....	2.25	11x12.....	4.25
8x10.....	2.75	14x17.....	5.00
STYLE "G"—Bound in full seal grain leather, heavy bevel covers. Our best binding.			
6x 7.....	2.25	10x12.....	4.75
7x10.....	2.75	11x12.....	5.50
8x10.....	3.25	14x17.....	7.00
EXTRA LEAVES at following prices:			
Size 6x 7.....	Per doz. \$0.35	Size 10x12.....	Per doz. \$0.75
" 7x10.....	" .45	" 11x12.....	" 1.00
" 7x11.....	" .50	" 11x14.....	" 1.00
" 8x10.....	" .50	" 14x17.....	" 1.50

CARD STOCK.

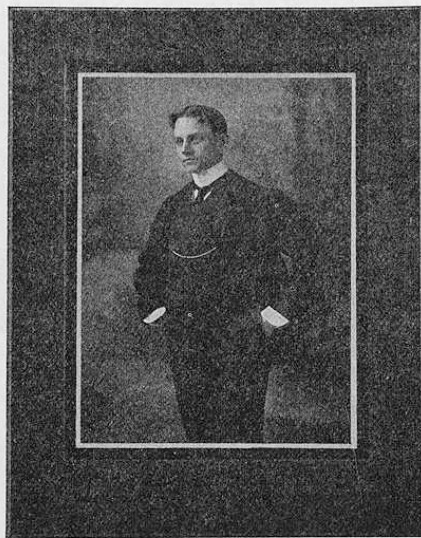
We have a most complete stock of card mounts, and being progressive and up-to-date, are constantly adding new and distinctive styles to our assortment for the benefit of our customers. When ordering give number or send sample. Never order card stock sent "same as last."



PLATINOTYPE CARDS.

All sizes made in White and Sage. Plain beveled edge, round corners.
Per 100 in boxes containing 25 cards.

No.	Thickness.		Beveled Edge
	Cards	Photographs	
265	8 x 10	4 x 5	\$5.00
321	8 x 10	3½ x 5½	5.00
257	10 x 12	4 x 6	6.50
119	11 x 14	5 x 7	8.00
320	11 x 13½	6½ x 8½	8.00
261	12½ x 15	8 x 10	10.00
Thickness.			
263	16 x 20	10 x 12	22.00
264	18 x 22	11 x 14	26.00
159	22 x 26	14 x 17	35.00



MINTHA CARDS.

For photographs $3\frac{3}{8} \times 5\frac{1}{2}$.

Thickness. ████████

Carbon Black, with Alpine Gray inserts, $4 \times 5\frac{3}{8}$.
Plain beveled edge, square corners.

No. 464 Cards 6×8\$22.00 per 1,000

Carbon Black, with or without white inserts, $4 \times 5\frac{3}{8}$.
Matched beveled edge, square corners.

No. 569 Cards 8×10\$3.25 per 100
" 571 " 8×10 , with white inserts..... 3.75 "

Scotch Gray and Carbon Black, with India inserts, $4\frac{1}{8} \times 5\frac{3}{4}$.
Plain or matched beveled edge, square corners.

No. 267 Cards $5\frac{1}{4} \times 7\frac{1}{4}$, plain beveled.....\$18.00 per 1,000
" 254 " $5\frac{1}{4} \times 7\frac{1}{4}$, matched beveled..... 21.00 "

FOR OVAL PHOTOGRAPHS.

Scotch Gray and Carbon Black, with India insert. Plain beveled edge,
square corners. Per 1,000.

Thickness. ████████

No. 562 Cards $3\frac{1}{2} \times 5$, for oval photographs $2 \times 2\frac{3}{4}$\$15.00
" 556 " $4\frac{1}{4} \times 6$, " " $3 \times 4\frac{1}{8}$ 17.00
" 557 " $5\frac{1}{8} \times 7\frac{1}{4}$, " " $3\frac{1}{2} \times 5$ 20.00

Carbon Black, with India insert. Plain beveled edge, round corners.
Per 100. Thickness. ████████

No. 560 Cards $8\frac{1}{4} \times 10\frac{3}{4}$, for oval photographs $5 \times 7\frac{1}{2}$ 6.00
" 561 " $11 \times 13\frac{1}{2}$, " " 7×9 9.00

MANTELLO PORTRAIT CARDS.



MANTELLO.

Raised center. Carbon Black and Scotch Gray. Thickness. ████████
Plain straight edge, square corners. Per 100, in boxes containing 50 cards.

No.	Cards	For Photographs	Price	No.	Cards	For Photographs	Price
587	7x 9	$3\frac{3}{8} \times 5\frac{1}{2}$	\$1.50	589	10x12	$6\frac{1}{2} \times 8\frac{1}{2}$	\$3.00
588	8x10	5 x 7	2.00	590	11x14	8 x 10	3.25

Per 100 in boxes containing 25 cards. Thickness. ████████

No.	Cards	Photographs	Price	No.	Cards	Photographs	Price
363	7x 9	$3\frac{3}{8} \times 5\frac{1}{2}$	\$2.00	365	10x12	$6\frac{1}{2} \times 8\frac{1}{2}$	\$4.25
364	8x10	5 x 7	2.75	366	11x14	8 x 10	4.75
388	9x12	5 x 8	4.25	367	14x17	10 x 12	8.50

Thickness. ████████

No. 368 Cards 16×20 , for photographs 11×14 14.00
" 369 " 18×22 , " 14×17 17.50

Sage.

Thickness. ████████

No. 435 Cards $12\frac{3}{8} \times 6\frac{3}{8}$, for photographs $9\frac{1}{4} \times 4$\$3.50
" 384 " $9\frac{1}{2} \times 12$, " $5\frac{1}{2} \times 7\frac{3}{4}$ 4.50

Thickness. ████████

No. 390 Cards 22×26 , for photographs 16×2025.00
" 385 " 25×29 , " 18×2230.00

MANTELLO PORTRAIT CARDS.

Per 1,000.

White Enameled.

No. 379	Cards $2\frac{1}{4} \times 3\frac{3}{8}$, for photographs $1\frac{1}{4} \times 2\frac{1}{4}$	\$3.25
" 381	" $2\frac{3}{8} \times 4\frac{1}{8}$, " $1\frac{1}{2} \times 2\frac{3}{4}$	4.00
" 380	" $3\frac{1}{8} \times 3\frac{1}{8}$, " 2×2	3.75
" 213	" $3 \times 4\frac{1}{4}$, " $2 \times 2\frac{7}{8}$	4.25
" 382	" $3\frac{7}{8} \times 3\frac{7}{8}$, " $2\frac{3}{4} \times 2\frac{3}{4}$	5.00
" 375	" $3\frac{1}{2} \times 5\frac{1}{4}$, " $2\frac{1}{4} \times 3\frac{3}{4}$	6.00
" 398	" $4\frac{1}{4} \times 6$, " 3×4	7.50

White Enameled, with Queen's Gray Border.

No. 392	Cards $3 \times 4\frac{1}{4}$, for photographs $2 \times 2\frac{7}{8}$	7.00
" 387	" $3\frac{7}{8} \times 3\frac{7}{8}$, " $2\frac{3}{4} \times 2\frac{3}{4}$	7.50
" 376	" $3\frac{1}{2} \times 5\frac{1}{4}$, " $2\frac{1}{4} \times 3\frac{3}{4}$	8.50
" 399	" $4\frac{1}{4} \times 6$, " 3×4	11.00
" 401	" $5\frac{1}{8} \times 7\frac{1}{4}$, " $3\frac{3}{8} \times 5\frac{1}{2}$	14.50

White Enamel, with Sage Border.

No. 238	Cards $3 \times 4\frac{1}{4}$, for photographs $2 \times 2\frac{7}{8}$	7.50
" 467	" $3\frac{7}{8} \times 3\frac{7}{8}$, " $2\frac{3}{4} \times 2\frac{3}{4}$	8.00
" 468	" $3\frac{1}{2} \times 5\frac{1}{4}$, " $2\frac{1}{4} \times 3\frac{3}{4}$	9.00
" 469	" $5 \times 3\frac{3}{4}$, " $3\frac{3}{4} \times 2\frac{1}{4}$	9.00
" 470	" $4\frac{1}{4} \times 6$, " 3×4	12.00
" 471	" $5\frac{3}{8} \times 4\frac{7}{8}$, " 4×3	12.00
" 472	" $5\frac{1}{8} \times 7\frac{1}{4}$, " $3\frac{3}{8} \times 5\frac{1}{2}$	16.00
" 473	" $6\frac{3}{4} \times 5\frac{3}{8}$, " $5\frac{1}{2} \times 3\frac{7}{8}$	16.00

Sage and Queen's Gray, Unenameled.

No. 396	Cards $3\frac{7}{8} \times 3\frac{7}{8}$, for photographs $2\frac{3}{4} \times 2\frac{3}{4}$	5.00
" 397	" $3\frac{1}{2} \times 5\frac{1}{4}$, " $2\frac{1}{4} \times 3\frac{3}{4}$	6.00
" 403	" $4\frac{1}{4} \times 6$, " 3×4	7.50

MANTELLO PORTRAIT CARDS.

Per 1,000.

For photographs $3\frac{7}{8} \times 5\frac{1}{2}$.Cards $4\frac{1}{4} \times 6\frac{1}{2}$ —Unenameled—Plain straight edge.

No. 192	White or Sage	\$ 9.00
No. 183	White, Queen's Gray Border, or India, Sage Border	12.00

Cards $5\frac{1}{8} \times 7\frac{1}{4}$ —Unenameled—Plain beveled edge.

No. 152	Tea, Sage, Queen's Gray, Mode or Steel Gray	12.50
No. 150	White or India, with Sage or Brown Border	17.00

Cards $5\frac{1}{8} \times 7\frac{1}{4}$ —Enameled—Plain beveled edge.

No. 292	White	12.00
No. 104	White, with Queen's Gray Border	15.00
No. 460	Dark Olive Face	15.00



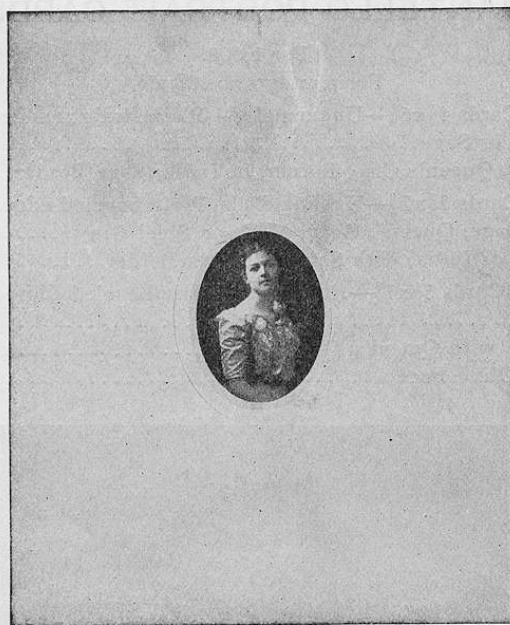
ALOUETTE.

Ash Gray. Thickness. —

Plain Beveled Edge—Square Corners.

Per 1,000.

Cards $5\frac{3}{8} \times 7\frac{3}{8}$, for photographs $3\frac{7}{8} \times 5\frac{1}{2}$	18.00
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**MORETTO CARDS.**

White.

Beveled depression with insert.

Thickness. ———

Per hundred.

No. 510	Cards $6\frac{3}{4} \times 8$	for photographs $2\frac{7}{8} \times 4\frac{1}{4}$	.....	\$2.50
" 564	" 8 x 10	" 3 x 4	.....	3.00
" 572	" 10 x 12	" $3\frac{7}{8} \times 5\frac{1}{2}$	.....	4.00
" 522	" 8 x 10 for oval	" 2 x $2\frac{3}{4}$	.....	3.00
" 549	" 9 x 11	" 3 x $4\frac{1}{4}$	.....	3.50
" 523	" 11 x 13	" $3\frac{1}{2} \times 5$	.....	4.50

BENGALINE.

Scotch Gray and Carbon Black.

Thickness. ———

Plain beveled edge, square corners.

Per one thousand.

A	Cards $3\frac{3}{4} \times 5\frac{1}{4}$	for oval photographs 2 x $2\frac{3}{4}$	.....	\$10.00
B	" $5\frac{1}{4} \times 7\frac{1}{4}$	" 3 x $4\frac{1}{8}$	.....	14.00
C	" 6 x 8	" $3\frac{1}{2} \times 5$	.....	16.50

**GUIDO.**

Carbon Black.

Thickness. ———

Plain beveled edge, square corners.

Per 1,000.

A	Cards 4 x $5\frac{3}{4}$	for photographs $2\frac{1}{4} \times 3\frac{3}{4}$	.....	\$16.00
B	" $4\frac{3}{4} \times 6$	" 3 x 4	.....	18.00
C	" $5\frac{3}{4} \times 7\frac{3}{4}$	" $3\frac{3}{4} \times 5\frac{1}{2}$	.....	25.00
E	" $5\frac{1}{4} \times 7\frac{1}{4}$	for oval " 2 x $2\frac{3}{4}$	.....	22.00
F	" 6 x 8	" 3 x $4\frac{1}{8}$	.....	27.50
G	" 7 x 9	" $3\frac{1}{2} \times 5$	.....	32.00
H	" $3\frac{3}{8} \times 7\frac{1}{8}$	" $1\frac{1}{2} \times 3\frac{5}{8}$	.....	18.50
J	" $4\frac{1}{4} \times 8\frac{1}{2}$	" $2\frac{3}{4} \times 5\frac{1}{4}$	.....	22.50
K	" 5 x 10	" $3\frac{1}{8} \times 6\frac{3}{8}$	.....	30.00

ARTELLO.

Scotch Gray and Carbon Black.

Thickness. ———

Plain beveled edge, square corners.

Per 1,000.

A	Cards 4 x $5\frac{3}{4}$	for photographs $2\frac{1}{4} \times 3\frac{3}{4}$	.....	8.00
B	" $4\frac{3}{4} \times 6$	" 3 x 4	.....	8.75
C	" 6 x 8	" $3\frac{3}{8} \times 5\frac{1}{2}$	.....	14.00

**MARQUETTE.**

Scotch Gray and Carbon Black.

Thickness. ———

Plain beveled edge, square corners.

Per 1,000.

A	Cards $3\frac{3}{8} \times 5\frac{3}{8}$	for oval photographs $2 \times 2\frac{3}{4}$	.....	\$ 9.50
B	" $4\frac{1}{4} \times 6\frac{1}{4}$	" " $2\frac{3}{8} \times 3\frac{5}{8}$	.....	10.50
C	" 6×8	" " $3\frac{1}{2} \times 5$	.....	16.75
H	" $3\frac{3}{8} \times 7\frac{1}{8}$	" " $1\frac{7}{8} \times 3\frac{5}{8}$	.....	10.50
J	" $4\frac{1}{4} \times 8\frac{1}{4}$	" " $2\frac{3}{4} \times 5\frac{1}{4}$	.....	14.00
K	" 5×10	" " $3\frac{1}{8} \times 6\frac{3}{8}$	.....	19.00

No. 393.

Sage and Ash Gray.

Thickness. ——— White embossed lines.

Plain beveled edge, square corners.

Per 1,000.

A	Cards $4 \times 5\frac{3}{4}$	for photographs $2\frac{1}{4} \times 3\frac{1}{4}$	.....	\$13.00
B	" $4\frac{3}{4} \times 6$	" 3×4	.....	15.00
C	" $5\frac{3}{4} \times 7\frac{3}{4}$	" $3\frac{7}{8} \times 5\frac{1}{8}$	.....	21.00
D	" $3\frac{3}{4} \times 5\frac{3}{8}$	for oval " $2 \times 2\frac{3}{4}$	.....	13.00
E	" $4\frac{3}{4} \times 6$	" " $3 \times 4\frac{1}{8}$	.....	15.00
F	" $5\frac{1}{8} \times 7\frac{1}{4}$	" " $3\frac{1}{2} \times 5$	.....	20.00

**MYCO.**

Scotch Gray and Carbon Black.

Thickness. ———

Plain beveled edge, square corners.

Per 1,000.

	Cards	For oval photographs	Price
A	$3\frac{3}{8} \times 5\frac{3}{8}$,	$2 \times 2\frac{3}{4}$	\$ 7.50
B	$4\frac{1}{4} \times 6$,	$2\frac{3}{8} \times 3\frac{5}{8}$	8.50
C	6×8 ,	$3\frac{1}{2} \times 5$	14.00
H	$3\frac{3}{8} \times 7\frac{1}{8}$,	$1\frac{7}{8} \times 3\frac{5}{8}$	9.00
J	$4\frac{1}{4} \times 8\frac{1}{4}$,	$2\frac{3}{4} \times 5\frac{1}{4}$	12.00
K	5×10 ,	$3\frac{1}{8} \times 6\frac{3}{8}$	17.00

UNIOLA.

Scotch Gray and Carbon Black.

Thickness. ———

Plain beveled edge, square corners.

Per 1,000.

No. 574	Cards $3\frac{3}{8} \times 4\frac{1}{8}$,	for photographs $2 \times 2\frac{3}{4}$	.....	\$ 6.25
" 524	" $4 \times 5\frac{3}{4}$,	" $2\frac{1}{4} \times 3\frac{3}{4}$	.....	8.50
" 527	" $4\frac{3}{4} \times 6$,	" 3×4	.....	10.00
" 528	" $5\frac{3}{4} \times 7\frac{3}{4}$,	" $3\frac{7}{8} \times 5\frac{1}{8}$	.....	15.00
" 566	" $3 \times 4\frac{1}{8}$,	for oval " $1\frac{7}{8} \times 2\frac{1}{8}$	.....	5.50
" 531	" $3\frac{7}{8} \times 5\frac{3}{8}$,	" " $2 \times 2\frac{3}{4}$	.....	9.00
" 536	" $4\frac{3}{4} \times 6$,	" " $3 \times 4\frac{1}{8}$	.....	10.00
" 538	" $5\frac{1}{8} \times 7\frac{1}{4}$,	" " $3\frac{1}{2} \times 5$	.....	14.00

**AURELIA.**

Alpine Gray.

Thickness. ████

Gray beveled edge, round corners.

Per 1,000.

A	Cards	4 1/4 x 6,	for oval photographs	2 x 2 3/4	.....	\$15.00
B	"	5 1/4 x 7 1/4,	"	2 3/8 x 3 3/8	.....	20.00
C	"	6 x 8,	"	3 1/2 x 5	.....	25.00
D	"	4 1/4 x 6,	for photographs	2 1/4 x 3 3/4	.....	15.00
E	"	5 1/4 x 7 1/4,	"	2 3/4 x 3 3/8	.....	20.00
F	"	6 x 8,	"	3 5/8 x 5 1/2	.....	25.00

OLINTO.

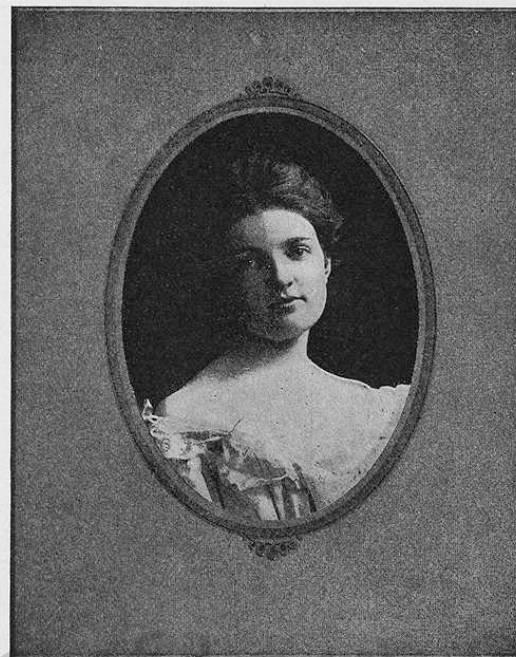
Scotch Gray, with Steel Gray Border.

Thickness. ████

Plain beveled edge, square corners.

Per 1,000.

A	Cards	4 1/4 x 6,	for oval photographs	2 x 2 3/4	.....	\$12.50
B	"	5 1/4 x 7 1/4,	"	3 x 4 1/8	.....	16.50
C	"	6 x 8,	"	3 1/2 x 5	.....	18.50
H	"	3 3/8 x 7 3/8,	"	1 1/2 x 3 3/8	.....	13.00
J	"	4 1/4 x 8 1/4,	"	2 3/4 x 5 1/4	.....	17.00
K	"	5 x 10,	"	3 5/8 x 6 3/8	.....	22.50

**AVERNO.**Ash Gray. Design in Dark Gray. Thickness. ████

Plain beveled edge, square corners. Per 1,000.

A	Cards	3 3/4 x 5 1/2,	for oval photographs	2 x 2 3/4	.....	\$10.00
B	"	4 1/4 x 6,	"	2 5/8 x 3 3/8	.....	12.00
C	"	6 x 8,	"	3 1/2 x 5	.....	18.00
D	"	3 3/4 x 5 1/2,	for photographs	2 1/4 x 3 3/4	.....	10.00
E	"	4 1/4 x 6,	"	2 3/4 x 3 3/8	.....	12.00
F	"	6 x 8,	"	3 5/8 x 5 1/2	.....	18.00
H	"	3 3/8 x 7 3/8,	for oval photographs	1 1/2 x 3 3/8	.....	13.00
J	"	4 1/4 x 8 1/4,	"	2 3/4 x 5 1/4	.....	17.00
K	"	5 x 10,	"	3 5/8 x 6 3/8	.....	25.00
N	"	3 3/8 x 6 1/4,	for photographs	1 1/2 x 3 3/8	.....	13.00
O	"	4 1/4 x 7 1/4,	"	2 1/4 x 5	.....	17.00
P	"	5 x 8 1/2,	"	3 x 6	.....	25.00

INIGO.White. Thickness. ████ Embossed border, India tint. Plain beveled edge, round corners. Per 100.

Cards 8x10, for oval photographs 3 1/2 x 5 \$7.00

**LORENZO.**

Court Buff.

Thickness. ████

Matched beveled edge, round corners.

Per 1,000.

A	Cards $3\frac{7}{8} \times 5\frac{3}{8}$, for oval photographs $2 \times 2\frac{3}{4}$	\$16.00
B	" $4\frac{1}{4} \times 6\frac{1}{2}$, " " $2\frac{3}{4} \times 3\frac{3}{4}$	19.00
C	" 6×8 , " " $3\frac{1}{2} \times 5$	27.00
H	" $3\frac{3}{8} \times 7\frac{1}{8}$, " " $1\frac{7}{8} \times 3\frac{3}{8}$	20.00
J	" $4\frac{1}{4} \times 8\frac{1}{2}$, " " $2\frac{3}{4} \times 5\frac{1}{4}$	25.00
K	" 5×10 , " " $3\frac{1}{8} \times 6\frac{3}{8}$	30.00

WALDO.

Scotch Gray, White Insert.

Thickness. ████

Matched beveled edge, round corners.

Per 1,000.

H	Cards $3\frac{3}{8} \times 7\frac{1}{8}$, for oval photographs $1\frac{7}{8} \times 3\frac{3}{8}$	\$27.50
J	" $4\frac{1}{4} \times 8\frac{1}{2}$, " " $2\frac{3}{4} \times 5\frac{1}{4}$	33.00
K	" 5×10 , " " $3\frac{1}{8} \times 6\frac{3}{8}$	42.50

**ROSKO.**

Sage or Ash Gray Border, White Center.

Thickness. ████

Plain beveled edge, square corners.

Per 1,000.

A	Cards $4 \times 5\frac{3}{4}$, for photographs $2\frac{1}{4} \times 3\frac{3}{4}$	\$10.00
B	" $4\frac{1}{2} \times 5\frac{1}{2}$, " " $2\frac{3}{4} \times 3\frac{3}{4}$	11.00
C	" $5\frac{1}{8} \times 7\frac{1}{4}$, " " $3\frac{7}{8} \times 5\frac{1}{2}$	12.50
D	" $5\frac{3}{4} \times 7\frac{3}{4}$, " " $3\frac{7}{8} \times 5\frac{1}{2}$	16.00

TOSCA.

White.

Thickness. ████

Gray beveled edge, round corners.

Per 1,000.

H	Cards $3\frac{3}{8} \times 7\frac{1}{8}$, for oval photographs $1\frac{7}{8} \times 3\frac{3}{8}$	\$25.00
J	" $4\frac{1}{4} \times 8\frac{1}{2}$, " " $2\frac{3}{4} \times 5\frac{1}{4}$	30.00
K	" 5×10 , " " $3\frac{1}{8} \times 6\frac{3}{8}$	40.00

**MOILA.**

White. Thickness. —

Plain beveled edge, square corners.

Per 1,000.

A	Cards	$4\frac{5}{8} \times 6\frac{9}{16}$	for oval photographs	$2 \times 2\frac{3}{4}$	\$13.50
B	"	$5\frac{1}{8} \times 7\frac{1}{4}$	"	$2\frac{5}{8} \times 3\frac{3}{4}$	18.00
C	"	6×8	"	$3\frac{1}{2} \times 5$	22.50
H	"	$3\frac{5}{8} \times 7\frac{1}{8}$	"	$1\frac{1}{2} \times 3\frac{5}{8}$	16.00
J	"	$5 \times 8\frac{1}{2}$	"	$2\frac{3}{4} \times 5\frac{1}{4}$	22.00
F	"	6×8	for photographs	$3\frac{1}{2} \times 5\frac{1}{2}$	22.00
E	"	$5\frac{1}{8} \times 7\frac{1}{4}$	"	$2\frac{1}{4} \times 3\frac{3}{8}$	18.00

KARILLO.

Scotch Gray and Carbon Black. Thickness. —

Plain beveled edge, square corners.

Per 1,000.

A	Cards	$3\frac{7}{8} \times 5\frac{3}{8}$	for oval photographs	$2 \times 2\frac{3}{4}$	\$11.00
B	"	$5 \times 6\frac{3}{8}$	"	$3 \times 4\frac{1}{8}$	15.00
C	"	6×8	"	$3\frac{1}{2} \times 5$	21.00
F	"	$5\frac{1}{4} \times 7\frac{1}{4}$	for photographs	$3\frac{1}{8} \times 5\frac{1}{2}$	14.00

**BLAKETTO.**

Black Enamel.

Thickness. —

Matched beveled edge, round corners.

Per 1,000.

A	Cards	$4\frac{1}{2} \times 6$	for oval photographs	$2 \times 2\frac{3}{4}$	\$16.00
B	"	$5\frac{1}{4} \times 7\frac{1}{4}$	"	$2\frac{5}{8} \times 3\frac{3}{8}$	22.50
C	"	6×8	"	$3\frac{1}{2} \times 5$	27.50
D	"	$4\frac{1}{2} \times 6$	for photographs	$2\frac{1}{4} \times 3\frac{3}{4}$	16.00
E	"	$5\frac{1}{4} \times 7\frac{1}{4}$	"	$2\frac{3}{4} \times 3\frac{7}{8}$	22.50
F	"	6×8	"	$3\frac{1}{2} \times 5\frac{1}{2}$	27.50

REMBRANDT.

White Center, Shaded Border.

Thickness. —

Plain beveled edge, square corners.

Per 1,000.

A	Cards	$4\frac{3}{8} \times 6\frac{1}{8}$	for photographs	$2\frac{1}{4} \times 3\frac{3}{4}$	\$19.00
B	"	$5\frac{1}{8} \times 6\frac{3}{8}$	"	3×4	22.00
C	"	$6\frac{3}{8} \times 8\frac{1}{8}$	"	$3\frac{7}{8} \times 5\frac{1}{8}$	33.00
D	"	$4\frac{3}{8} \times 6\frac{1}{8}$	for oval	$2 \times 2\frac{3}{4}$	19.00
E	"	$5 \times 6\frac{3}{8}$	"	$3 \times 4\frac{1}{8}$	22.00
F	"	$6\frac{3}{8} \times 8\frac{1}{8}$	"	$3\frac{1}{2} \times 5$	33.00

**NARCITO.**

Paris Black.

Thickness. —

Matched beveled edge, round corners.

Per 1,000.

A	Cards $4\frac{1}{4} \times 6$, for oval photographs $2 \times 2\frac{3}{4}$	\$22.00
B	" $5\frac{1}{4} \times 7\frac{1}{2}$, " " $2\frac{5}{8} \times 3\frac{1}{8}$	26.00
C	" 6×8 , " " $3\frac{1}{2} \times 5$	32.00
H	" $4\frac{1}{4} \times 7\frac{1}{2}$, " " $1\frac{3}{8} \times 3\frac{5}{8}$	25.00
J	" $5 \times 8\frac{1}{2}$, " " $2\frac{3}{4} \times 5\frac{1}{4}$	32.00
K	" 5×10 , " " $3\frac{1}{8} \times 6\frac{3}{8}$	35.00

RESEDA CARDS.

Carbon Black, with Oval India Insert.

Thickness. —

Plain beveled edge, square corners.

Per 1,000.

A	Cards $4\frac{1}{4} \times 6$, for oval photographs $2 \times 2\frac{3}{4}$	\$17.00
B	" $5 \times 6\frac{3}{8}$, " " $3 \times 4\frac{1}{4}$	19.00
C	" 6×8 , " " $3\frac{1}{2} \times 5$	23.00

**PRINCETON.**Olive Brown. Thickness. — Matched beveled edge, round corners.
Per 1,000.**OVAL.**

No. 3006	For photographs, $\frac{1}{4}$ cabinet, outside size $4\frac{1}{4} \times 6$	\$17.00
" 3007	" " " 5×7	20.00
" 3007 $\frac{1}{2}$	" " $\frac{1}{2}$ cab't special, " $4\frac{1}{4} \times 6\frac{1}{2}$	18.00
2 to a sheet cabinet paper.		
" 3008	For photographs, cabinet, outside size 6×8	25.00
" 3009	" " $1\frac{3}{8} \times 3\frac{1}{2}$ oval, " $4 \times 7\frac{1}{8}$	18.00
" 3010	" " $2\frac{3}{8} \times 5\frac{1}{8}$ " " $4\frac{3}{8} \times 9\frac{1}{8}$	22.00
" 3011	" " $2\frac{3}{8} \times 6\frac{1}{4}$ " " $5\frac{3}{8} \times 10\frac{3}{4}$	30.00
" 3012	" " $3\frac{1}{4} \times 7\frac{3}{4}$ " " $6\frac{1}{2} \times 14$	50.00

SQUARE.

No. 3013	For photographs $\frac{1}{2}$ cabinet, outside size, 5×7	20.00
" 3014	" " cabinet, " 6×8	25.00
" 3015	" " $2\frac{1}{2} \times 5\frac{1}{2}$ " " $5\frac{3}{4} \times 8\frac{3}{4}$	30.00

THE OLGA OVAL.Egyptian Black and Scotch Gray, with India Insert. Thickness. —
Matched beveled edge, round corners. Per 100.

No. 167	Photos $\frac{1}{4}$ cabinet, outside size 6×8	\$ 4.50
" 169	" cabinet, " 8×10	6.50
" 170	" (4x6) cab't, " 9×11	7.50

**MANSION OVAL.**

Scotch Gray and Carbon Black. Thickness.

Plain beveled edge, square corners.

Per 1,000.

No. 141	For prints, $\frac{1}{4}$ cabinet, size outside $3\frac{1}{2} \times 5$	\$10.00
" 142	" " spec. " $4\frac{1}{2} \times 6$	12.50
" 142 $\frac{1}{2}$	" " " $4\frac{1}{2} \times 6\frac{1}{2}$	12.50
2 to a sheet cabinet paper.		
No. 143	For prints, $\frac{1}{2}$ cabinet, size outside $4\frac{1}{2} \times 6$	12.50
" 144	" " " 5×7	16.00
" 145	" cabinet oval, " $5\frac{1}{2} \times 7\frac{1}{2}$	16.00
" 146	" cabinet, " 6×8	18.00
" 147	" $2 \times 5\frac{1}{2}$, " $4\frac{3}{8} \times 7\frac{3}{8}$	20.00

141 to 146 are the "Full" openings, not narrow like 147.

THE "WINDSOR" OVAL.

Gray. Thickness.

Plain beveled edge, square corners.

Per 1,000.

No. 3000	Size photograph $1\frac{3}{4} \times 3\frac{1}{4}$, size outside $4 \times 7\frac{1}{4}$	\$15.00
" 3001	" $2\frac{1}{8} \times 5\frac{1}{8}$, " $4\frac{3}{8} \times 9\frac{1}{8}$	18.00
" 3002	" $2\frac{3}{8} \times 6\frac{1}{4}$, " $5\frac{1}{4} \times 10\frac{1}{4}$	25.00

**IOLA.**

Olive Brown. Thickness. Plain beveled edge. Square corners.

Per 1,000.

V	Cards $5 \times 6\frac{1}{2}$, for photographs $2\frac{3}{4} \times 3\frac{3}{4}$	\$ 9.90
W	" $6\frac{1}{4} \times 8$, " $3\frac{3}{4} \times 5\frac{1}{4}$	13.75
X	" $3\frac{3}{8} \times 5$, for oval " 2×2	7.75
Y	" $4\frac{1}{4} \times 6\frac{1}{2}$, " $2\frac{3}{8} \times 3\frac{3}{8}$	9.90
Z	" $6\frac{1}{4} \times 8$, " $3\frac{3}{8} \times 5$	13.75

"ASCOT" PANEL.

White and Black. Thickness. Beveled depression with insert.

Per 100.

No. 155	For photographs $1\frac{3}{8} \times 2\frac{3}{8}$, outside size $4\frac{3}{8} \times 6$	\$1.20
" 156	" $1\frac{3}{8} \times 3\frac{3}{8}$, " $4\frac{3}{8} \times 7\frac{1}{4}$	1.50
" 157	" $1\frac{7}{8} \times 2\frac{3}{4}$, " $5\frac{3}{8} \times 7\frac{1}{4}$	1.50
" 158	" $\frac{1}{2}$ cabinet " 8×10	3.00
" 159	" cabinet " 9×11	3.50
" 160	" $2\frac{1}{4} \times 5\frac{3}{8}$, " $6 \times 9\frac{1}{2}$	3.50
" 161	" 3×7 , " $7\frac{3}{4} \times 11\frac{1}{4}$	5.00
" 162	" 4×9 , " $8\frac{3}{4} \times 13\frac{3}{4}$	5.50
" 163	" 4×5 , " 9×11	3.50
" 164	" 5×7 , " 11×14	5.50

"Ascot" Panels are first class mounters for Platinum prints. 50 in box.



No. 770 PORTRAIT CARDS.

Moss Black or Moss Gray. Black embossed design, with India Insert.
Thickness. — Plain beveled edge, square corners. Per 1,000.

Size	Cards	For Photos.	
A	4 1/4 x 5 3/4	2 x 2 3/4	oval.....\$15.00
B	5 1/8 x 7 1/8	3 x 4 1/8	..... 19.00
C	6 x 7 3/4	3 1/2 x 5	..... 22.00
K	4 1/2 x 6 1/2	2 1/2 x 3 1/2	..... 16.00
D	3 5/8 x 7 1/8	1 7/8 x 3 1/4	..... 16.00
E	4 3/8 x 8 3/8	2 3/8 x 5 1/4	..... 19.00
F	5 x 10	3 1/8 x 6 3/8	..... 25.00

No. 970 PORTRAIT CARDS.

Moss Gray or Moss Black. Black embossed design, with India Insert.
Same as 770 for panel photographs.
Plain beveled edge, square corners.
Per 1,000.

No.	Cards	For Photos	
No. 970 N	4 x 5 3/4	2 1/4 x 3 3/4	.....\$15.50
O	4 1/2 x 6	2 1/2 x 3 1/2	..... 17.00
P	5 1/4 x 7 1/4	3 1/8 x 5 1/2	..... 23.00



"NOXO."

Black, unenameled. Thickness. —
Matched beveled edge, square corners.
Per 1,000.

Size	Cards	For Photos.	
A	4 1/4 x 6	2 x 2 3/4	oval.....\$14.00
K	5 1/8 x 7 1/8	2 3/8 x 3 1/2	..... 18.00
B	5 1/8 x 7 1/8	3 x 4 1/8	..... 18.00
C	6 x 8	3 1/2 x 5	..... 23.00

Size	Cards	For Photos.	
N	4 1/4 x 6	2 1/4 x 3 3/4	square.....\$14.00
O	5 1/8 x 7 1/8	2 3/8 x 3 1/2	..... 18.00
P	6 x 8	3 1/8 x 5 1/2	..... 23.00

PORTRAIT CARDS.

Sage Border, White Center. Thickness. —
Plain beveled edge, square corners.
Per 1,000.

No.	Cards	For Photos	
70	3 1/2 x 5	2 x 2 3/4	oval.....\$ 7.50
71	4 1/2 x 6 1/4	3 x 4 1/8	..... 12.00
72	5 1/4 x 7 1/8	3 1/2 x 5	..... 14.00
77	3 1/2 x 4 1/2	2 x 2 3/4	..... 7.50

No.	Cards	For Photos	
78	4 x 5 1/2	2 1/4 x 3 3/4	square.....\$ 8.00
79	4 1/2 x 5 3/4	2 3/8 x 3 1/2	..... 9.50
80	5 1/4 x 7 1/4	3 1/8 x 5 1/2	..... 15.00



"MECCA."

Seal Brown. Thickness. —

Plain beveled edge, square corners. Per 1,000.

No.	Cards	For Photos	No.	Cards	For Photos
265	2 1/2 x 5 1/2	2 1/4 x 3 3/4 square....	271	6 x 8	3 1/2 x 5 oval
266	4 1/4 x 6	2 3/8 x 3 3/4 "	272	2 1/4 x 4 1/8	2 x 2 7/8 square....
267	6 x 8	2 3/8 x 5 1/2 "	273	3 1/2 x 5 1/2	2 1/4 x 3 3/4 "
268	3 3/8 x 5 1/2	2 x 2 3/4 oval	274	4 x 5 1/2	2 3/8 x 3 3/4 "
269	4 1/4 x 6	2 3/8 x 3 3/4 "	275	5 3/8 x 7 1/8	3 3/8 x 5 1/2 "
270	5 x 6 3/8	3 x 4 1/8 "	276	5 1/8 x 7 1/8	3 x 4 1/8 oval ...

No. 710 PORTRAIT CARDS.

Moss Gray and Moss Black, Black embossed design. Thickness. —

Plain beveled edge, square corners. Per 1,000.

Size	Cards	For Photos	Size	Cards	For Photos
A	4 1/4 x 5 3/4	2 x 2 3/4 oval....	D	3 3/8 x 7 1/8	1 1/2 x 3 3/4 panel oval.
B	5 1/8 x 7 1/8	3 x 4 1/8 "	E	4 1/2 x 8 3/8	2 3/8 x 5 1/2 "
C	6 x 7 3/4	3 1/2 x 5 "	F	5 x 10	3 3/8 x 6 3/8 "
K	4 5/16 x 6 9/16	2 3/8 x 3 3/8 "			



"VERONA."

Russet Brown. Tinted embossed design. Thickness. —

Matched beveled edge, square corners. Per 1,000.

Size	Cards	For Photos	Price	Size	Cards	For Photos	Price
A	3 3/4 x 5 1/2	2 x 2 3/4 oval,	\$11.00	N	4 x 5 3/4	2 1/4 x 3 3/4 square,	\$12.50
K	4 1/4 x 6	2 3/8 x 3 3/4 " "	13.00	O	4 1/2 x 6	2 3/4 x 3 3/4 " "	13.50
B	5 1/8 x 7 1/8	3 x 4 1/8 " "	16.50	R	5 1/8 x 7 1/4	3 3/8 x 5 1/2 " "	16.50
C	6 x 8	3 1/2 x 5 " "	21.00	P	6 x 8	3 3/8 x 5 1/2 " "	21.00
D	3 3/8 x 7 1/8	1 1/2 x 3 3/4 " "	14.00	V	4 1/2 x 8	2 1/2 x 5 1/2 " "	18.00
E	8 1/2 x 8 3/8	2 1/2 x 5 1/4 " "	18.00	W	5 x 8 3/8	3 x 6 " "	22.00
F	5 x 10	3 3/8 x 6 3/8 " "	25.00	X	5 x 10	3 x 7 " "	25.00

PORTRAIT CARDS.


Moss Black. Gray embossed design. Thickness. — Plain straight edge, square corners. Per 100.

No.	Cards	For Photos	Price	No.	Cards	For Photos	Price
450	7x 9	3 3/8 x 5 1/2	\$ 2.00	454	10x12	6 1/2 x 8 1/2	\$4.25
451	8x10	4 x 5	2.50	455	11x14	8 x 10	4.75
452	8x10	5 x 7	2.75	456	14x17	10 x 12	8.50
453	9x12	5 x 8	4.25	457	16x20	11 x 14	14.00



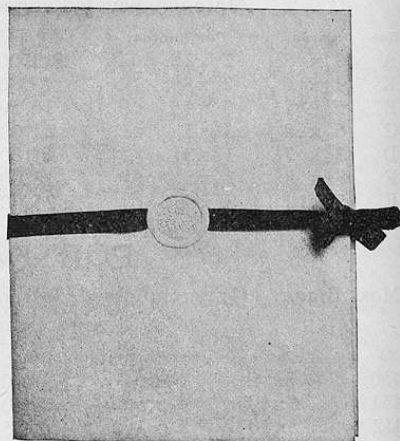
THE "YALE" PANELS AND OVALS.

A CARD, TISSUE AND FOLDER COMBINED.

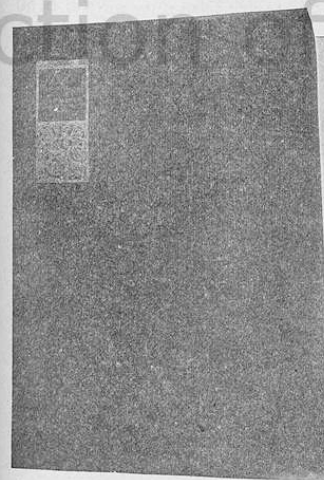
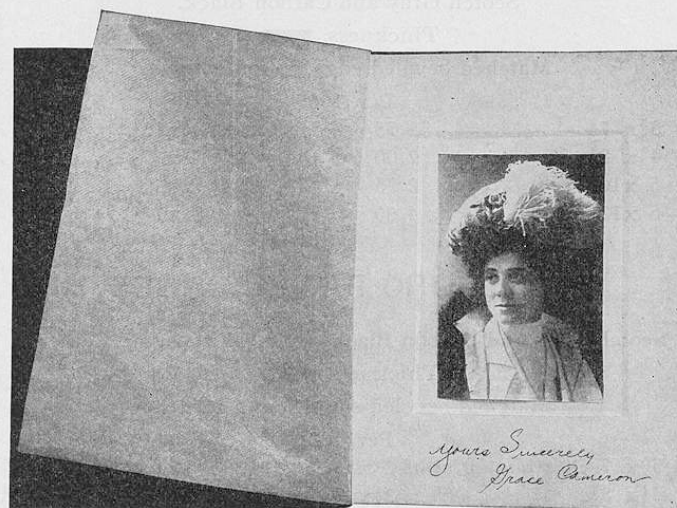
Made in Olive Brown and Ascot White. Thickness.  Per 100.

The "Yale" is an entirely new idea in a photo card and gives a card which is complete. The stock used is of very heavy material of the finest quality. The edges are matched. A tissue covers the face of the card and the whole is enclosed in a handsome folder tied with ribbon. The folder is embossed with a handsome design. To those photographers who are striving to get out of the "beaten track" the Yale will at once appeal. The colors of the ribbon, card, folder and tissue harmonize perfectly and the card can be used for either Aristo Platino or Platinum prints.

No.	Size outside	For photos	Price
960	4 1/4 x 6 3/4	1/4 cabt. stand. oval	\$ 7.00
961	4 3/8 x 7	special 1/2 cabt. "	8.00
	2 to a sheet cabt. paper.		
962	5 3/8 x 8	1/2 cabt. oval	8.50
963	6 x 9	cabinet "	9.00
964	4 1/4 x 7 3/8	1 3/4 x 3 1/2 "	7.50
965	5 x 9 1/4	2 3/8 x 5 1/2 "	9.00
966	5 5/8 x 10 1/4	2 7/8 x 6 1/4 "	11.00
967	6 1/2 x 13 3/8	3 1/4 x 7 3/4 "	14.00
968	5 1/8 x 7 1/4	1/2 cabinet square	8.00
969	6 3/8 x 9	cabinet	9.00
970	5 x 9	2 1/2 x 5 1/2 "	9.50



"BOOK DECKEL" PANEL AND OVALS.



These cards are without question the most artistic creation in a photo mounter ever produced and have met with the cordial indorsement of those photographers using platinum prints. The mount itself is ivory white, with a rounded sunk center, the edge of which is ragged or "deckel" edge, an exact reproduction of old English paper, and the effect after print is mounted is almost an exact reproduction of an old copper engraving. A silk tissue covers the face as a protector for the print and the cover is a suitable dark shade, ornamented with a tasteful scroll design for name of the artist. It is a mount, a tissue enclosure and folder all combined in an harmonious whole.

No. 945	1/4 cabinet oval, 7x10,	per 100.....	\$10.00
" 946	1/2 " " 8x11,	"	10.00
" 947	" " 8x11,	"	10.00
" 948	1/2 " square, 7x10,	"	10.00
" 949	" " 8x11,	"	10.00
" 950	4x7 " 8x12 1/2,	"	10.00

STEREOSCOPE MOUNTS.

Per 1,000.

No. 50	Unenameled.	$3\frac{1}{2} \times 7$	4×7	$4\frac{1}{2} \times 7$	5×8
	Dark Buff, Tea and Sage.....	\$4.00	4.75	5.50	8.00



Alto. For Oval P. P. Photos.



Arno. For P. P. Photos.

ALTO.

Scotch Gray and Carbon Black. Per 1,000.

A	Cards $2\frac{3}{4} \times 3\frac{3}{4}$, for oval photographs $1\frac{1}{4} \times 1\frac{3}{4}$	\$ 2.50
B	" $3\frac{1}{2} \times 4\frac{1}{2}$, " " $1\frac{3}{8} \times 2\frac{3}{4}$	4.00

ARNO.

Scotch Gray and Carbon Black.

A	Cards 2×3 , for photographs $1\frac{3}{8} \times 1\frac{5}{8}$	\$1.50
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No. 253 P. P. MANTELLO.

White and Tea. Straight edge, square corners.

Per 1,000.

Cards $2\frac{3}{8} \times 2\frac{3}{4}$, for photographs $1\frac{3}{8} \times 1\frac{5}{8}$	\$1.50
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No. 408. PENNY PICTURE OVAL.

Straight edges.

Made in Scotch Gray and Egyptian Black.

For photographs $1\frac{1}{4} \times 1\frac{3}{8}$, size outside $2\frac{3}{8} \times 3\frac{3}{8}$. Price per 1,000.....\$2.50
1,000 in a box of each color and size.

Oval cutting punch for above oval card, \$1.00 each.

No. 399. THE LITTLE GEM.

Straight edges.

For photographs $1\frac{1}{8} \times 1\frac{3}{8}$, size outside $2\frac{1}{8} \times 3$. Price per 1,000.....\$2.50
1,000 in a box.

No. 401. THE LITTLE JEWEL.

Straight edges.

For $1\frac{3}{8}$ circle, size outside $2\frac{1}{8} \times 3$. Price per 1,000.....\$2.50
1,000 in a box. Cutting punch for circle, \$1.00.

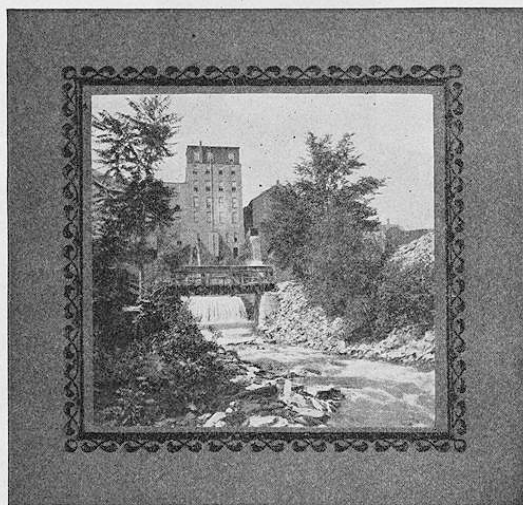
No. 400. PENNY PICTURE CARD.

Straight edges.

Made in White, Sage and Gray.

For photographs $1\frac{1}{2} \times 1\frac{1}{4}$, size outside $2\frac{3}{8} \times 2\frac{1}{4}$. Price per 1,000.....\$1.50
1,000 in a box.

AMATEUR CARDS.



THE "VIRGINIA" CARD.

Plain beveled edge.

Thickness. —

Made in Scotch Gray only.

Per 1,000.

No. 173	For photographs	$3\frac{1}{2} \times 3\frac{1}{2}$, size outside	5 x 5	.....	\$10.50
" 173 $\frac{1}{2}$	"	$3\frac{1}{4} \times 4\frac{1}{4}$,	" 5 x 6	.....	11.50
" 174	"	4 x 5,	" $5\frac{5}{8} \times 6\frac{3}{8}$	.....	12.00
" 175	"	5 x 7,	" 7 x 9	.....	25.00

THE "MARCO."

Thickness. — Per 1,000.

No. 300	For photos	$1\frac{1}{2} \times 2$, pocket kodak, outside size	$2\frac{7}{8} \times 3\frac{3}{8}$	.....	\$ 5.00
" 300 $\frac{1}{2}$	"	$1\frac{7}{8} \times 1\frac{7}{8}$,	" $3\frac{1}{8} \times 3\frac{1}{8}$	.....	6.00
" 301	"	$2\frac{1}{2} \times 2\frac{1}{2}$,	" $4\frac{1}{8} \times 4\frac{1}{8}$	.....	7.00
" 302	"	$2\frac{3}{8} \times 3\frac{1}{4}$, New Kodak A,	" 4 x 5	.....	8.75
" 303	"	$3\frac{1}{2} \times 3\frac{1}{2}$,	" 5 x 5	.....	9.00
" 304	"	$3\frac{1}{4} \times 4\frac{1}{4}$,	" $4\frac{7}{8} \times 5\frac{1}{2}$	.....	9.50
" 305	"	$4\frac{1}{4} \times 4\frac{1}{4}$,	" $5\frac{1}{2} \times 5\frac{1}{2}$	.....	11.00
" 305 $\frac{1}{2}$	"	$2\frac{3}{8} \times 4\frac{1}{8}$, New Kodak B,	" $4\frac{1}{4} \times 6$	.....	10.50
" 306	"	4 x 5,	" $5\frac{5}{8} \times 6\frac{5}{8}$	.....	12.00
" 308	"	5 x 7,	" 7 x 9	.....	25.00

AMATEUR CARDS.

White enameled. Thickness. —

Per 1,000.

No. 889	Cards	$2\frac{7}{8} \times 3\frac{3}{8}$, for photographs	$1\frac{1}{2} \times 2$	.....	\$ 2.30
" 872	"	$3\frac{1}{2} \times 3\frac{1}{2}$,	" $2\frac{1}{2} \times 2\frac{1}{2}$	.....	3.25
" 899	"	$3\frac{3}{4} \times 3\frac{1}{4}$,	" $2\frac{1}{2} \times 2$	.....	3.25
" 896	"	4 x 5,	" $2\frac{1}{4} \times 3\frac{1}{4}$	.....	4.50
" 873	"	5 x 5,	" $3\frac{1}{2} \times 3\frac{1}{2}$	.....	5.30
" 874	"	$4\frac{3}{4} \times 5\frac{3}{4}$,	" $3\frac{1}{4} \times 4\frac{1}{4}$	.....	5.50
" 844	"	$4\frac{1}{4} \times 6$,	" $2\frac{1}{2} \times 4\frac{1}{4}$	.....	5.50
" 876	"	$5\frac{1}{2} \times 6\frac{1}{2}$,	" 4 x 5	.....	7.00
" 892	"	7 x 9,	" 5 x 7	.....	14.00

Sage color, unenameled.

No. 891	Cards	$2\frac{7}{8} \times 3\frac{3}{8}$, for photographs	$1\frac{1}{2} \times 2$	.....	\$ 2.50
" 882	"	$3\frac{1}{2} \times 3\frac{1}{2}$,	" $2\frac{1}{2} \times 2\frac{1}{2}$	.....	3.50
" 897	"	4 x 5,	" $2\frac{1}{4} \times 3\frac{1}{4}$	.....	4.75
" 883	"	5 x 5,	" $3\frac{1}{2} \times 3\frac{1}{2}$	.....	5.75
" 884	"	$4\frac{3}{4} \times 5\frac{3}{4}$,	" $3\frac{1}{4} \times 4\frac{1}{4}$	.....	6.00
" 886	"	$5\frac{1}{2} \times 6\frac{1}{2}$,	" 4 x 5	.....	7.50
" 893	"	7 x 9,	" 5 x 7	.....	15.00

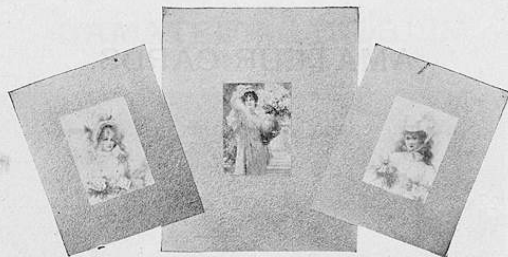
MELTON. No. 841.

Scotch Gray, Carbon Black and Royal Brown. Gray back.

Plain beveled edge, round corners.

Per 1,000.

Cards	5 x 5,	for photographs	$2\frac{1}{2} \times 2\frac{1}{2}$	.....	\$ 6.10
"	5 x 5,	"	$3\frac{1}{2} \times 3\frac{1}{2}$	.....	6.10
"	5 x 6,	"	$2\frac{1}{4} \times 3\frac{1}{4}$	.....	6.75
"	7 x 9,	"	$2\frac{1}{4} \times 3\frac{1}{4}$	.....	16.00
"	7 x 9,	"	$3\frac{1}{4} \times 4\frac{1}{4}$	.....	16.00
"	8 x 10,	"	4 x 5	.....	20.00
"	8 x 10,	"	5 x 7	.....	20.00
"	10 x 12,	"	5 x 8	.....	28.00
"	10 x 12,	"	$6\frac{1}{2} \times 8\frac{1}{2}$	.....	28.00
"	$10\frac{3}{4} \times 13\frac{3}{4}$,	"	7 x 9	.....	35.00
"	$10\frac{3}{4} \times 13\frac{3}{4}$,	"	8 x 10	.....	35.00



"PHOTO-TONE" MOUNTS.

Shaded Colors, Carbon Black, Green and Sepia. Thickness. ———
Per 100.

The mounts are of eggshell board, originally white, but are hand colored in a most beautiful and artistic way. The colors are so applied that the shading runs from a deep, to a light tint in various parts of the mount, not regularly but with a charming variety only possible in hand work.

Size of mount	6½ x 8½	number of mounts of a color in box	50	\$ 3.50
"	8 x 10,	"	50	4.00
"	10 x 12,	"	50	5.50
"	11 x 14,	"	50	7.00
"	14 x 17,	"	50	12.00

REMBRANDT MOUNTS.

With plate-sunk centres. Thickness. ———

No.	Size	Shape of center	Size of center	Price
18	5 x 7	oval	2½ x 3½	Per 100, \$3.00
				" doz. .40
19	6 x 8½	square corners	3 x 5	Per 100, \$4.00
20	6 x 8½	round "	3 x 5	
21	6½ x 8½	square "	4 x 5	
22	6½ x 9	oval "	4 x 5½	Per 100, \$4.50
23	8 x 10	oval	4½ x 5½	
24	8 x 10	square corners	4½ x 6	
25	6 x 8½	square corners	3 x 5	Per 100, \$4.00
26	6 x 8½	round "	3 x 5	
27	6½ x 8½	square "	4 x 5	
28	6½ x 9	oval	4 x 5½	Per 100, \$4.50
29	8 x 10	oval	4½ x 5½	
30	8 x 10	square corners	4½ x 6	
31	8½ x 12	square corners	3½ x 7	Per 100, \$5.50
32	8½ x 12	round "	3½ x 7	
33	9 x 12	oval	5½ x 7½	
34	10 x 12	square corners	4½ x 6½	Per 100, \$7.50
35	10 x 12	"	5½ x 7½	
36	10 x 13½	square corners	4½ x 8	
37	10 x 13½	round "	4½ x 8	" doz. .95

MELTON CARD BOARD.

Lines under numbers represent thickness of stock.

Per 100.

No. 542.

Scotch Gray and Carbon Black. White back.

28x40.....\$12.75

No. 542.

Scotch Gray, Ivy Green and Carbon Black. White back.

22x28.....	\$ 6.25	11x14.....	\$1.60
20x24.....	5.50	10x12.....	1.40
16x20.....	3.60	8x10.....	.95
14x17.....	3.25	7x 9.....	.70

No. 555.

Scotch Gray, Ivy Green, Royal Brown and Carbon Black. Gray back.

22x28.....	\$6.25	11x14.....	\$1.60
20x24.....	5.50	10x12.....	1.40
16x20.....	3.60	8x10.....	.95
14x17.....	3.25	7x 9.....	.70

No. 543.

Scotch Gray, Ivy Green, Royal Brown and Carbon Black. Gray back.

22x28.....	\$9.00	11x14.....	\$2.30
20x24.....	8.00	10x12.....	2.00
16x20.....	5.25	8x10.....	1.35
14x17.....	4.50	7x 9.....	1.00

No. 544.

Scotch Gray, Ivy Green, Royal Brown and Carbon Black. Gray back.

22x28.....	\$13.00	11x14.....	\$3.25
20x24.....	12.00	10x12.....	3.00
16x20.....	8.00	8x10.....	2.00
14x17.....	6.50	7x 9.....	1.45

No. 74.


Gray, Tea, Mode, Sage, Steel Gray and Ash Gray. White back.

22x28.....	\$6.00	10x12.....	\$1.40
20x24.....	5.50	8x10.....	.90
11x14.....	1.50	7x 9.....	.70



GRANDO CARDS.

Intended for landscape photographs.

White center. Ash Gray border with design. Thickness.  Per 100.

A	Cards	7x 9, opening	5 x 7	.....	\$ 1.25
B	"	7x10, "	5 x 8	.....	1.50
C	"	9x11, "	6½x 8½	.....	1.75
D	"	10x12, "	8 x10	.....	2.25

ORIOLE CARDBOARD.

White only.

Size	No. 1, per 100	No. 1, per doz.	Extra No. 1, per 100	Extra No. 1, per doz.
6½x 8½.....	\$.50	\$.10	\$.60	\$.12
" 8 x10 .....	.60	.12	.85	.12
" 10 x12 .....	.95	.15	1.25	.20
" 11 x14	1.20	.20	1.50	.25
" 14 x17	1.90	.30	2.75	.40
" 16 x20	2.25	.40	3.50	.45
" 18 x22	3.00	.45	4.50	.60
" 20 x24	3.50	.50	5.00	.70

MUSLIN LINED AND MUSLIN BACK CARDS.

Per 100.

No. 145.

White. Muslin back.

22x28.....	\$10.50
11x14.....	2.63
8x10.....	1.65

No. 144.

White and Gray-White. Muslin lined.

22x28.....	\$12.00
11x14.....	3.00
8x10.....	2.00

No. 145, white, muslin back, 22 inches wide, in rolls containing 10 or 25 yards, 14 cents per yard.

PRINTING.

Neat and clean; the finest inks used. With or without designs at the following prices:

Black Ink.....	per 500, \$0.50	per 1,000, \$0.75
Colored Ink.....	" .60	" .85
Gold or Bronze.....	" 1.00	" 1.25

EMBOSSING PHOTOGRAPH CARDS.

Embossing photograph cards is fast taking the place of the old style letterpress work. It is elegant, lasting, and will not blur under the burnisher.

A brass die is required to do embossing, which will cost \$3.00.

Pencil sketches furnished for approval without extra charge.

We fill all orders for embossing promptly at following prices:

Style	500 lot	1,000	Per 1,000 in lots of 2,000	Per 1,000 in lots of 3,000	Per 1,000 in lots of 5,000
R-U, plain.....	\$1.00	\$1.25	\$1.15	\$1.05	\$0.95
J-B, any color.....	1.25	1.50	1.40	1.30	1.20
W-F { Gold Bronze	1.75	2.50	2.40	2.25	2.00
Silver "					
Fire "					
Green "					

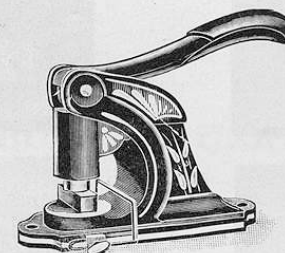
Raised White or Colored Ink, per 100, 30c; per 1,000.....\$2.50

Border line additional, per 1,000: Plain, 25 cents; Color, 35 cents; Bronze, 50 cents.

These prices for embossing apply to cards up to and including cabinet cards. Larger sizes at proportionate prices.

The above scale of prices applies to each form, as should changes be required on account of different sizes of cards, an additional charge of 15 cents for each change will be added to the price per 1,000 or less. Always state color of ink wanted. Do not order "same as last," but send sample to avoid delay and mistakes. At least two days' notice is necessary to do satisfactory printing.

THE GOVERNMENT EMBOSSING PRESS.



Will do your own embossing. Dies are brass and guaranteed to wear well. Press, oxidized and handsomely finished. Neck is heavily reinforced. Dies are interchangeable and give a uniform clean cut impression. Weighs 10 pounds. Will print inside of two inches from edge of card. Price complete with die and gauge, \$5.50.

SPECIMENS OF IMPRINTING DESIGNS.



STYLES USED IN EMBOSSED IMPRINTS.



Will submit sketch for approval. Send lettering and state style of die desired from above impressions.

ENCLOSURES.

Only the leading sizes are quoted in this list.

In ordering simply give size of mount.

Size	Price Ivory Bond Per 1,000	Price Rice Bond Per 1,000	Price Napoleon Bond Per 1,000
3 1/2 x 5 1/2	\$1.35	\$1.35	\$ 1.57
3 3/8 x 7 1/2 H size	1.35	1.35	1.73
3 3/8 x 5 1/2	1.35	1.35	1.73
4 x 8 1/2 J size	1.80	2.03	2.33
4 1/4 x 6 1/4	1.35	1.35	1.73
4 1/4 x 6 1/2 cabinet size	1.00	1.25	1.28
4 1/4 x 6 1/4	1.43	1.43	1.88
5 x 6 7/8	2.03	2.40	2.78
5 x 10 1/4 K size	2.40	2.62	3.00
5 1/2 x 7 1/2	1.80	1.88	1.95
5 1/2 x 8 1/2	2.48	2.78	3.38
5 1/2 x 7 3/4	2.17	2.40	2.77
5 1/2 x 8	2.25	2.47	2.77
6 1/2 x 8 1/4	2.78	3.23	3.75
6 x 9 1/2	2.67	3.08	3.30
6 x 10 1/2	2.70	2.85	3.60
7 x 9 1/2	2.65	2.85	3.00
7 x 11 1/2	3.38	3.60	4.13
8 1/2 x 10 1/2	3.30	3.45	3.60
8 1/2 x 11 1/2	4.35	4.58	5.70
8 1/2 x 13 1/2	4.88	4.88	6.38
10 1/2 x 12 1/2	4.88	4.88	6.75
11 1/2 x 14 1/2	5.70	6.38	8.25
14 1/2 x 17 1/2	9.75	9.95	13.50

PHOTOGRAPH ENVELOPES. Open End.

Size	Price No. 1 Per 1,000	Price Extra No. 1 Per 1,000
5 x 7 1/2 manila	\$1.15	\$1.35
5 1/2 x 7 1/2	1.23	1.50
6 1/4 x 8 1/4	1.47	1.80
6 1/2 x 8 1/2	1.62	2.00
7 x 9	1.68	2.10
7 1/2 x 10 1/2	1.95	2.46
8 1/2 x 10 1/2	2.16	2.75
10 1/2 x 12 1/2	3.90	4.80
11 1/2 x 14 1/2	4.50	5.70

PROOF ENVELOPES.

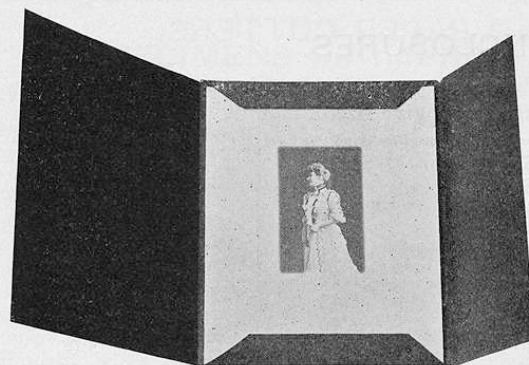
(Non Actinic.)

No. 6	Proof 3 3/8 x 6, open side	Per 1,000, \$1.20
" 7	" 4 1/8 x 6 1/2, " "	" 2.15

PRICES FOR PRINTING.

Enclosures and envelopes.

500 or less, Black Ink	\$0.50	500 or less, Colored Ink	\$0.60
Per 1,000, Black Ink	.75	Per 1,000, Colored Ink	.85



Artists' Proof Enclosure.

ARTISTS' PROOF ENCLOSURES.

For Collodio Carbon Prints.
Oriental Brown, Melton stock.

Size	5 1/4 x 7 1/4	per doz...	\$0.25
"	6 3/8 x 8 3/4	"	.35
"	8 1/4 x 10 1/4	"	.40
"	11 1/4 x 14 1/4	"	.60

FERROTYPE ENVELOPES.

Bon-ton Envelopes, per
1,000, No. 11.....\$1.25

THE PHOTOMAILER

It is light and strong, being made of the famous Cellular Board which protects the enclosure from injury.

No.	Size	Per hundred	Retail each	No. in box
123	4 1/2 x 7	\$1.00	2 cents	100
126	5 3/8 x 7 3/8	1.40	3 "	50
131	6 3/8 x 9 1/4	1.80	4 "	50
135	7 1/8 x 10 1/8	2.00	5 "	10
139	8 1/8 x 11 1/8	2.50	6 "	10
143	9 1/8 x 12 1/8	3.00	7 "	10
151	11 1/8 x 14 1/8	3.50	8 "	10



LAVETTE'S PATENT ENVELOPE.

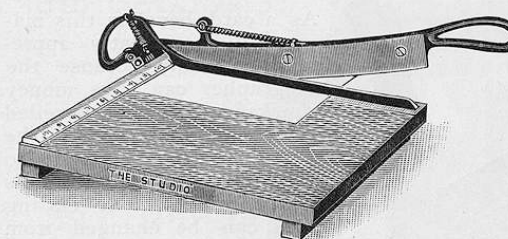
Insures perfect safety to the print while in the mail.

No. 1	4 1/2 x 7	cabinet, per box of 125	\$1.25
" 2	5 3/8 x 7 3/8	" " 100	1.50
" 3	6 3/8 x 8 3/4	" " 100	2.50
" 4	8 1/4 x 10 1/4	" " 50	1.75

NEGATIVE PRESERVERS.

For Negatives	Per 100	Per 1,000	For Negatives	Per 100	Per 1,000
3 1/4 x 4 1/4	\$0.20	\$1.75	6 1/2 x 8 3/4	\$0.40	\$3.50
4 x 5	.22	2.00	8 x 10	.50	4.50
4 1/4 x 5 1/2	.22	2.00	10 x 12	1.25	
4 1/4 x 6 1/2	.25	2.25	11 x 14	1.50	
5 x 7	.28	2.50	14 x 17	1.75	
5 x 8	.30	2.75	18 x 22	3.20	

CARD AND PAPER CUTTERS.



STUDIO CUTTER.

This cutter is well adapted for trimming photographic prints from ten inches down, and is a very desirable machine for the money. Owing to a demand for a grip to hold the material in place while it is being cut, we have devised an automatic clamp

or binder which answers the purpose perfectly. This binder adds to the value of the cutters much more than the additional sum asked for it. Price, without binder, \$3.00; with binder, \$3.75.

DANDY PHOTO TRIMMER.

The Dandy trimmer has a table 8 inches square and a graduated back gauge. The movable blade is curved, giving a drawing cut, so essential to smooth work. The efficiency of the machine is increased by the combination of the curved movable blade and the peculiar construction of its pivotal spring joint, which allows the blade a slight lateral motion and thus secures perfect contact of the two blades at every point. Price, without binder, \$2.00; with binder, \$2.75.



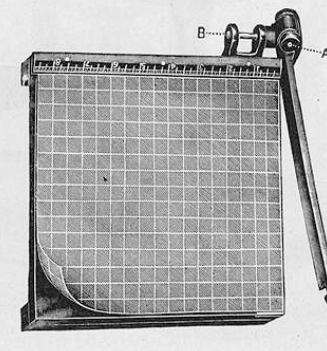
DIAMOND PHOTO TRIMMER.

This is practically a smaller edition of the Dandy trimmer, and is made to meet the demand for a still lower priced cutter. The blade is six inches in length. Price, without binder, \$1.25; with binder, \$1.75.

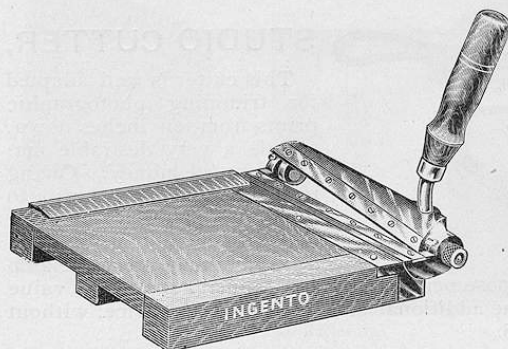


THE STEVEN'S TRIMMER.

This trimmer enables the operator to judge whether he is trimming his print parallel to the upright and horizontal lines of composition, by means of a ruled guide sheet. Fitted with a swinging knife. Price, with 8 inch knife, for 4x5 to 5x8 prints, \$3.00; price, with 11 inch knife, for 6 1/2 x 8 1/2 to 8x10 prints, \$4.00.



INGENTO BEVELLER.

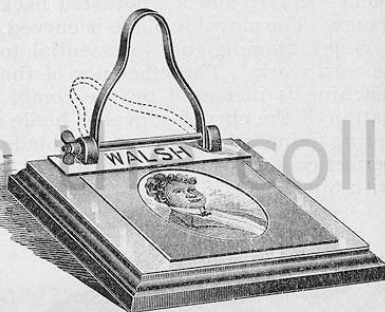


As a card beveler this machine will be greatly appreciated, not only because the photographer can save money by making his own bevelled edge mounts, but owing to the fact that he can cut mounts to any shape or size to suit his trimmed prints. The cutting knives can be changed from bevel cutting to straight cutting in a minute, by simply clamping them in either position with the screws.

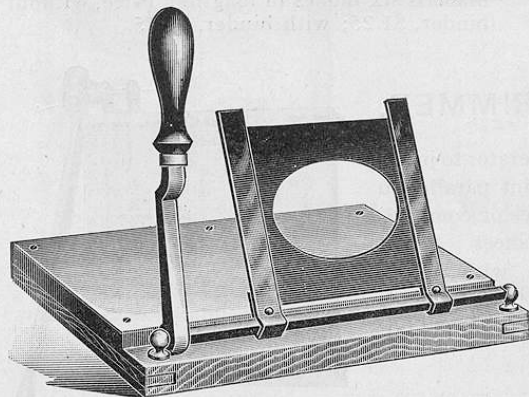
Price, No. 1, 8 inch.....	\$5.00
" " 2, 10 ".....	7.50
" " 3, 12 ".....	10.00

WALSH HANDY FORM HOLDER.

The base is made of cast iron, nicely enameled. The top is covered with a renewable thin composition metal, enabling cutter to cut a clean edge, and does not dull it. The clamp is very strong, quick-working and self-holding; it is nicely nickel plated. For trimming prints, the edge of clamp can be used as a guide or straight edge in connection with the semi-transparent triangle furnished with Form Holder.



No. 1, size cutting surface, 6x7 inches, price.....	\$1.00
No. 2, size cutting surface, 9x11 inches, price.....	2.00



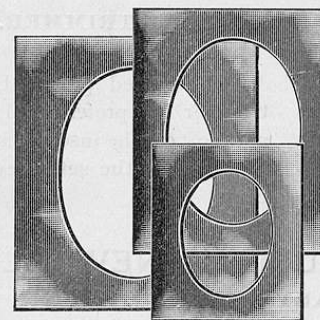
ROE'S FORM HOLDERS.

Roe's Form Holder has a hard zinc cutting surface, and accommodates cut outs any size up to 7x9 inches. It is instantly adjusted to any size form and can be worked more rapidly than any other holder.

Price, \$2.00.

CUTTING FORMS.

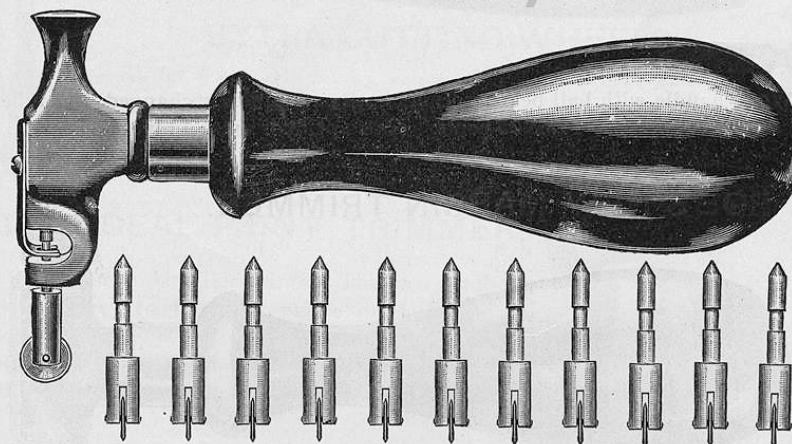
BRASS
25 cents each



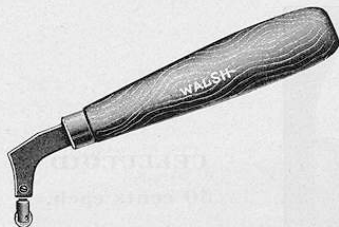
CELLULOID
50 cents each.

No. 0	Oval, inches.....	1 $\frac{3}{8}$	x2	No. 15	Oval, inches.....	1 $\frac{1}{2}$	x2 $\frac{1}{2}$
" 1	"	2	x2 $\frac{3}{4}$	" 16	"	1 $\frac{1}{4}$	x1 $\frac{1}{2}$
" 2	"	3 $\frac{1}{16}$	x4 $\frac{3}{16}$	" 17	"	1 $\frac{1}{8}$	x2 $\frac{1}{4}$
" 3	"	3 $\frac{1}{2}$	x5	" 20	"	1 $\frac{3}{8}$	x5 $\frac{3}{16}$
" 4	"	3 $\frac{3}{4}$	x5 $\frac{3}{8}$	" 21	"	2 $\frac{3}{4}$	x3
" 8	"	2	x3 $\frac{1}{2}$	" 22	"	3 $\frac{1}{4}$	x4 $\frac{1}{2}$
" 9	"	1 $\frac{1}{2}$	x3 $\frac{3}{8}$	" 24	"	2 $\frac{1}{8}$	x4 $\frac{1}{16}$
" 10	"	2 $\frac{3}{4}$	x5 $\frac{1}{4}$	" 5	Circle, inches.....	3	
" 11	"	3	x6 $\frac{3}{8}$	" 6	"	2 $\frac{3}{8}$	
" 12	"	2 $\frac{1}{2}$	x6 $\frac{1}{2}$	" 7	"	3 $\frac{3}{8}$	
" 13	"	2 $\frac{1}{2}$	x5 $\frac{3}{8}$	" 18	"	2 $\frac{3}{4}$	
" 14	"	1 $\frac{1}{8}$	x3 $\frac{3}{16}$	" 19	"	1 $\frac{1}{8}$	

PROFESSIONAL SWIVEL TRIMMER.



This trimmer is designed to fill the long-felt wants of the Professional Photographer where a trimmer is used on a large number of prints. Each trimmer has twelve spindles with sharp wheels, and when one becomes dull can be replaced with another in a moment's notice without any tools but the fingers. We guarantee this outfit to cut 50,000 prints and remain sharp. Price complete, \$1.

WALSH PATENTED RENEWABLE KNIFE.**ROTARY TRIMMER.**

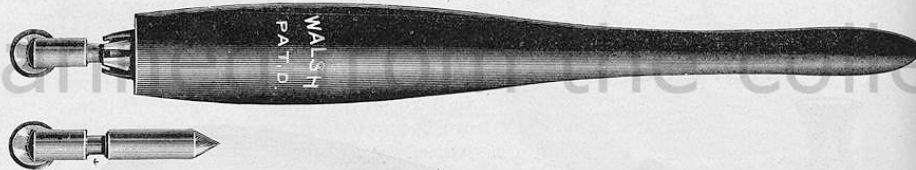
Warranted practical, wood handle, print trimmer for professional work. A new wheel and post can be inserted in the solid steel holder by a turn of the set screw. Price complete, 35 cents.

WALSH DOUBLE RENEWABLE KNIFE.**ROTARY TRIMMER.**

The Mask Knife will cut a white border $\frac{1}{16}$ or $\frac{1}{32}$ in. as desired.

The Print Knife best in the world.

Price, 50 cents.

**No. 10 WALSH HANDY RENEWABLE KNIFE.****ROTARY CUTTER.**

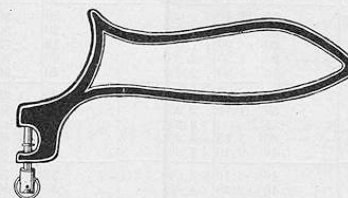
Wood handle with ball bearing knife, easily and quickly changed. Can be carried in vest pocket. Price 25 cents. Extra print or mask knives 15 cents.

ROE'S NEW MARGIN TRIMMER.

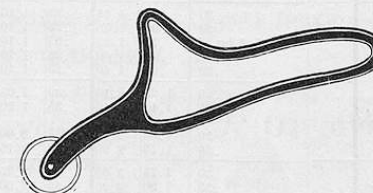
This trimmer has many advantages over any margin trimmer made. In cutting prints, which is done with narrow wheel, there is no danger of wheel slipping off of cut-out and tearing print, as there is with other margin trimmers. Spindles can be removed and others put in with the fingers. Price 50 cents.

COMBINATION ROTARY AND STRAIGHT TRIMMER.

Warranted. Practical. Wood handle print trimmer. A new wheel and post can be inserted in the solid steel holder by a turn of set screw. The shape of the trimmer is such, that in holding same in hand the edge of fingers are clear away from the print. The concave between the knives allows the trimmer to pass freely the fingers that hold the cut-out. Price, 50 cents.

Roe's Plain Swivel Trimmer.

Has iron handle and tool steel wheels. Price, 20 cents.

Roe's Plain Straight Trimmer.

Very handy for cutting straight. Price, 20 cents.

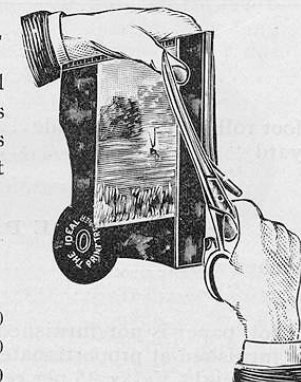
EXTRA CUTTING WHEELS.

Mask Knife.....	\$.15
Print Knife.....	.15

In ordering, specify name of trimmer.

THE IDEAL PRINT TRIMMER.

For 4x5 or smaller prints. This is a practical and perfect trimmer for prints up to 5 inches square. It is made of metal, finely plated, and is equipped with a graduated measure. The cut fully illustrates the operation. Price, 25 cents.

**SHEARS.**

10 inch, bent steel blade.....	\$1.00
12 inch, bankers' blade.	1.50
14 inch, " "	2.00

ALBUMEN PAPER.

N. P. A. Dresden Extra Brilliant, double albumenized, pense.....	Per ¼ Ream	Per ½ Ream	Per Ream	Per Doz.
	\$12.00	22.00	42.00	1.25

BLUE PRINT PAPER.

FRENCH SATIN, JR.

Packed only in tubes containing twenty-five sheets of the size specified.

Size.....	2¼x3¼	3¼x4¼	3½x3½	4x4	4x5	3½x5½
Price.....	\$0.15	.16	.16	.20	.20	.25
Size.....	4¼x6½	5x7	5x8	6½x8½	8x10	10x12
Price.....	\$0.30	.35	.40	.56	.68	1.00
Size.....	11x14	14x17	These last per dozen sheets		18x22	22x24
Price.....	\$1.50	2.00			1.50	1.75

EASTMAN'S W. D. PLATINUM PAPER.

Packed in Air-Tight, Sealed Tubes.

A pure platinum paper, requiring only water development, without chemicals. Clears in water and acid. Simple to handle yet produces effects equal in beauty to any photographic process. Two grades, "smooth" and "rough."

Size	Price per Doz.	Size	Price per Doz.
2¼x3¼.....	\$0.15	4 x 5.....	\$0.35
2½x4¼.....	.20	2½x 7.....	.30
3½x3½.....	.20	5 x 7.....	.60
3¼x4¼.....	.25	3½x12.....	.70

SILK-DOWN PHOTO CLOTH.

For Sofa Pillows, Banners, Table and Mantel Scarfs, Draperies, Etc.

This is a new and interesting as well as useful novelty in the line of sensitized fabric. It is printed in the sun and washed same as blue print paper to make the completed picture. The material is a fine grade of muslin, with a surface almost as fine as silk. The picture made on this can be washed and ironed, if necessary, without injury, and is, in fact, almost indestructible. The natural color of the print is the same as any blue print, but may be toned to a warm black, violet, olive, purple or green, producing beautiful and varied effects. Such pictures are the most attractive possible for home adornment, to be embroidered upon wall splashers, sofa pillows and scores of other things which readily suggest themselves to the ladies. Put up only in rolls of 12x36 inches (with directions), to be cut by purchasers into such sizes as they may desire to use.

Price per package, 35 cents.

CARBON TISSUE AND MATERIALS.

Elliott & Son's tissue, so renowned for its uniformity, easy manipulation and magnificent selection of colors, is sold in bands 2½x12 feet, containing each 30 square feet. All colors, except Transparency Black, are of the same price.

LIST OF COLORS

No. 1, Red Chalk; No. 2, Terra Cotta; No. 3, Barnet Brown; No. 4, Sepia; No. 5, Warm Sepia; No. 6, Purple Brown; No. 7, Photo Purple; No. 8, Photo Brown; No. 9, Warm Black; No. 10, Engraving Black; No. 11, Blue Black; No. 12, Gray; No. 13, Marine Blue; No. 14, Sea Green; No. 15, Transparency Black.

PRICE LIST FOR FULL ROLLS.

Bands Nos. 1 to 14, 2½x12 feet.....	each, \$2.75
Band No. 15, 2½x12 feet.....	" 3.60
Single transfer paper, thin.....	per roll, 1.50
" " " thick.....	" 1.20
Double " ".....	" 1.50
Flexible temporary support, 18x23.....	per sheet, 35 cents; per dozen, 3.80
" " " 30x36.....	" 85 cents; " 9.40
Celluloid temporary or final support (mat, white or cream), sheets 20x50, 1/100 thick.....	each, 1.12
Celluloid temporary or final support (mat, white or cream), sheets 20x50, 1/50 thick.....	each, 1.50

PRICE LIST FOR CUT SHEETS.

	4x5	5x7	6½x7½	8x10	9x11	10x12	12x16		
Tissues, Nos. 1 to 14, per doz		\$0.45	\$0.60	\$0.80	.....	.....	.....
Single transfer papers.....		.20		.40	.....	.....	.....
Double " ".....		.25		.45	.....	.....	.....
Assorted transfers and supports.....		.60	1.00		.....	.....	.....
Flexible temporary support.....		.60			\$1.10	.....	.....
Toned etching paper, per doz	\$0.20	.40	.50	.....	.60	\$0.90	\$1.25
Rough hand made drawing paper.....	.25	.45	.75	.....	1.25	1.60	2.25	
Color selection packages (14 different colors each).....		.60	1.00	.....	.....	.....	.....
Size.....	4x5	5x7	7x9	8x10	10x12	11x14	14x17	16x20	18x22
Celluloid temporary or final support, 1-100 inch.....	\$0.35	\$0.60	\$1.15	\$1.30	\$1.75	\$2.75	\$4.25	\$6.00	\$8.00
Celluloid temporary or final support, 1-50 inch60	1.10	2.10	2.50	3.25	5.00	8.00	11.00	15.00
Ground opal or porcelain glass (mat one side), dozen.....	.90	1.20	2.00	2.50	3.75	4.25	6.00	10.00	12.00

Johnson's Actinograph.....	\$1.00
Thermometer (Dr. Forbes).....	.75
Waxing Compound.....	per bottle, .25

BLOTTING PAPER.**CHEMICALLY PURE.**

Regal, non-linting, thin, 19x24.....per doz. \$0.30
 World, " heavy, 19x24....." .50

LITMUS PAPER.

Per sheet, blue and red.....\$0.05
 Anthony's Sensitive Litmus.....per tube, .15

FILTERING PAPER.**SWEDISH ROUND.**

No. 19	7½ in. diameter	.....per 100 sheets,	\$0.30
" 25	10 "	" "	.38
" 33	13 "	" "	.62
" 40	16 "	" "	.82
" 45	18 "	" "	1.00
" 50	20 "	" "	1.20

CEPA SKIN.**ONION SKIN, FINEST FRENCH.**

Size, 17x22.....per doz. \$0.20

GUMMED PAPER.

Per dozen.....\$0.20
 Sheplie's, per roll of 300 yards......60

BLACK NEEDLE PAPER.

Per sheet, 16x27.....\$0.05
 Per dozen, 16x27......50

GELATINE BACKING PAPER FOR UNMOUNTED PRINTS.

Gelatine Backing Paper in 10 yard rolls, 26 inches wide.....\$1.15

COLLODION BACKING PAPER.

Collodion Backing Paper in 10 yard rolls, 26 inches wide.....\$4.50

NON-ACTINIC PAPER.**FOR DARK ROOM OR MASK PAPER.**

Per sheet, 19x23.....\$0.05
 Per dozen, 19x23......50

ORANGE AND RUBY FABRIC.

This is a superior article of fine texture and fast colors. We guarantee it to be absolutely free from pin holes.
 36 inches wide, per yard.....\$0.40

DENNISON'S PASSE-PARTOUT OUTFITS.**IN TWO STYLES.**

Giving in compact form the requisites for Passe-Partout work.

PASSE-PARTOUT OUTFIT No. 1.

Containing 1 roll Passe-Partout binding, 1 tube paste, suspension rings of both cloth and brass and cloth hooks. 25 cents each.

PASSE-PARTOUT OUTFIT No. 2.

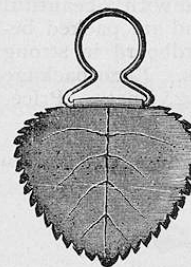
Containing 6 tinted cardboard mats, 8¼x6¾, assorted, round and square openings; 1 roll gray gummed binding, 1 tube paste and an assortment of hanging devices. Price, 50 cents each.

PASSE-PARTOUT BINDING.**STRONG—TOUGH—DURABLE.**

This Passe-Partout binding we guarantee to be of the very best quality. It is made of pebbled paper, strongly gummed and is warranted to adhere to glass and all kinds of metal. Put up in rolls, each 12 yards long and ¾ inch wide, in the following colors: White, Brown, Red, Wine, Olive and Black. Each, 10 cents.

**HANGERS FOR PASSE-PARTOUT FRAMES.**

These hangers are composed of small brass rings with fasteners attached. Per dozen, 10 cents.

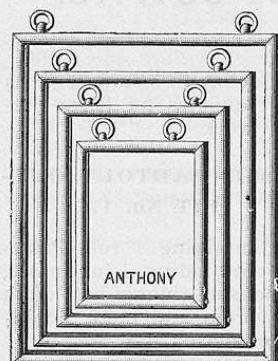
**MOUNTS FOR PASSE-PARTOUT.**

These mounts are made of thin cardboard and make a handsome mat for Passe-Partout work. They can also be used for mounting photographs in the regular way. Made in colors: White, Scotch Gray, Carbon Black, Cheviot Gray, Ash Gray and Sage. Per dozen:
 6½x8½.....\$0.12 | 8x10.....\$0.15 | 10x12.....\$0.20

PLAIN GLASS FOR PASSE-PARTOUT.

Per dozen:
 6½x8½.....\$0.75 | 8x10.....\$0.90 | 10x12.....\$1.40

FERROTYPE PLATES.



Union, per box of 200.....\$20.00 per dozen \$1.15
 Centennial, " 15.00 " .90

Patent Transparency Frames.

Two Rings.

They are made to hang either vertically or horizontally. Per dozen:

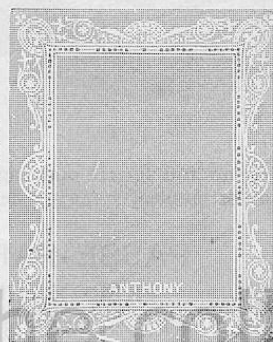
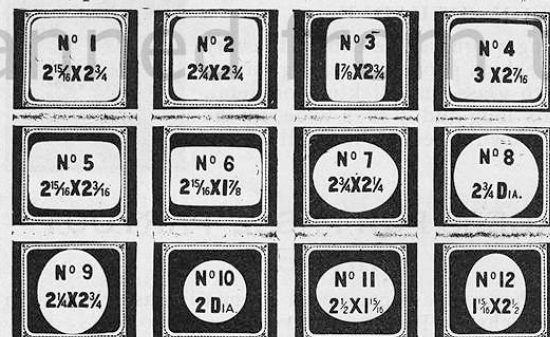
4 x5	\$4.00	8x10.....	\$6.00
5 x7	4.40	10x12.....	7.50
5 x8	4.50	11x14.....	9.50
6½x8½.....	5.00		

ETCHED GROUND GLASS FOR TRANSPARENCIES.

6½x 8½ glass for picture 4¼x6½.....	\$0.33
8 x10 " " 5 x7 .....	.42
10 x12 " " 7 x9 .....	.63
11 x14 " " 6½x9½.....	.75

LANTERN-SLIDE COVER GLASSES.

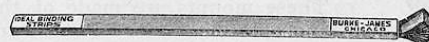
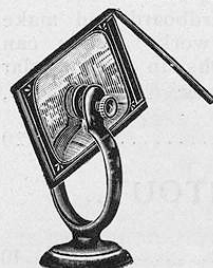
Price, per dozen.....\$0.25



Lantern-Slide Mats.

These mats are all printed in gold with a beautiful design and are packed between cardboard in strong envelopes. Each package contains 25 mats. Price, 20 cents.

LANTERN-SLIDE BINDING STRIPS.



Price per package 50 strips.....\$0.10

THE IDEAL LANTERN-SLIDE VISE.

REVOLVING.

By the use of this vise the mat is held in close contact with the lantern slide and cover glass, thus leaving both hands free to manipulate the binding strip. Price, 60 cts.

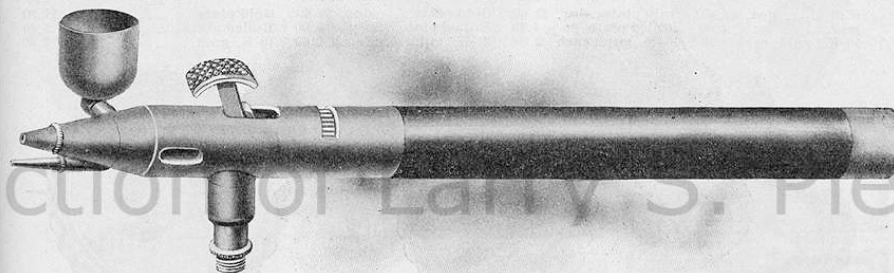
IMPROVED FOUNTAIN AIR BRUSH.

The Improved Fountain Air Brush is now made in three sizes—A, B and C. A size is suitable for portrait work in black and white, and water color. B size is suitable for oil or water color and is particularly adapted for large work when great rapidity is desired. It will throw three times as much color as the A size. C size is for work requiring a large quantity of spray, such as china painting on potteries, tinting of tiles, photographic background, etc.

The Fountain Air Brush distributes color with marvelous rapidity. It will go from a hair line to a solid band of color, one-half inch in width, at a single stroke. The Fountain Air Brush will distribute four times the color that any other air brush will do in the same length of time.

It is possible with the new brush to obtain a uniform fine, soft spray, or to adjust it for coarser work where the specks or atoms of color are larger and further apart, adapting it for broader or larger work, and making it possible to produce the texture of the different surfaces that the artist has to depict.

The pump is worked by the foot and forces the air into the tank, and from there is admitted to the brush at the will of the artist. Any liquid color may be used that is free from coarse particles, excepting architect's color called water proof.

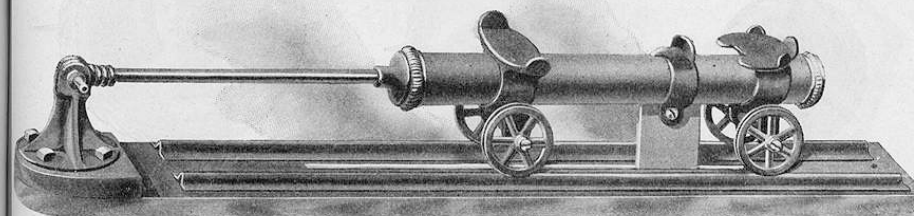


A Size.

A size, Improved Fountain Air Brush, 1899 model, hand piece.....	\$30.00
B " " " " "	35.00
C " " " " "	45.00
Improved Fountain Roller Pump, tank and tubing.....	9.50
Fountain Air Gauge and tubing.....	1.15

The Fountain Air Brush outfit complete consists of hand piece, case, holder, pump, air tank, air gauge and rubber tubing.

Price of complete outfit, A size....\$40.65 B size....\$45.65 C size....\$55.65



THE UNIQUE PHOTOGRAPH JEWELRY MOUNTINGS.

In buying Unique photo mountings you know you are getting the best on the market. All Unique mountings are guaranteed to give satisfaction. All Unique mountings contain celluloids, blotters and backs. We quote the most popular styles, but issue special list showing many other designs which we mail upon request. These prices subject to 40 per cent discount.



22 Gold plate, doz. \$1.40
R. P. " 4.00
10-K. gold, each 1.80

23 Gold plate, doz. \$1.60
Rolled plate " 4.40
10-K. gold, each 2.30

23½ Gold plate, doz. \$1.60
Rolled plate " 5.00
10-K. gold, each 2.60

24 Gold plate, doz. \$1.80
Rolled plate " 5.40
10-K. gold, each 3.00



32 G. P. doz. \$1.54
R. P. " 4.00
10-K. gold, each 2.10

33½ Gold plate, doz. \$1.54
Rolled plate " 5.00
10-K. gold, each 3.10

34 Gold plate, doz. \$1.54
Rolled plate " 5.40
10-K. gold, each 3.40

Enameled in Red, Blue, White, Green, Black, Yellow and Assorted,
Light Blue and White, Red and White, etc.

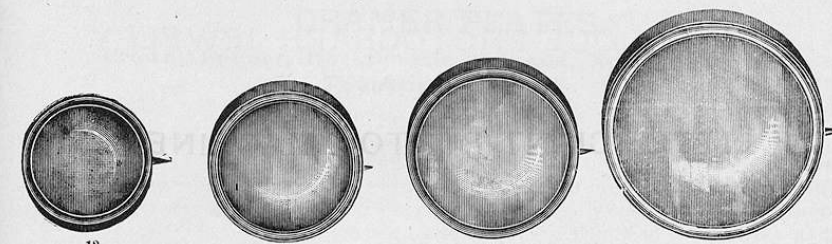


202 Enameled, doz. \$2.00
Jet Black " 2.00

203½ Enameled, doz. \$2.00
Jet Black " 2.00

204 Enameled, doz. \$2.00
Jet Black " 2.00

Round glass for above frames extra, per dozen, \$0.24




12 Gold plate, doz. \$.50
Aluminum, " .60
Rolled plate, " 1.70

13 Gold plate, doz. \$.60
Aluminum, " .70
Rolled plate, " 2.30

13½ Gold Plate, doz. \$.60
Aluminum, " .70
Rolled plate, " 2.80
No. 213½

14 Gold plate, doz. \$.70
Aluminum, " .80
Rolled plate, " 3.20
No. 214

Nickel plate, per 100, 2.66 Nickel plate, 100, 3.00 Nickel plate, 100, 3.34



423½ Enameled, doz. \$8.00

434 Gold plate, doz. \$1.54
Rolled plate, " 5.40
10 karat gold, each 3.60

444 Enameled, doz. \$2.00

CHARMS FOR ONE PICTURE. CHARMS FOR TWO PICTURES.



362 R. P. doz. \$5.40
Gold, each 3.40

363 R. P. doz. \$6.00
Gold, each 4.20

262 R. P. doz. \$5.00
Gold, each 3.50

263 R. P. doz. \$5.60
Gold, each 4.00

LINK CUFF BUTTONS.



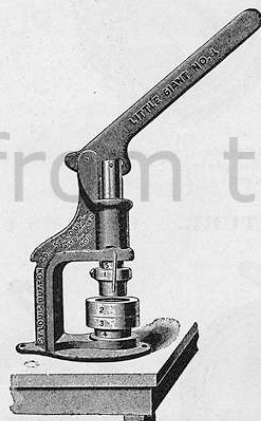
68 Rolled plate, doz. pairs, \$5.00
Gold, pair 5.20

68F Rolled plate, doz. pairs, \$6.60
Gold, pair 6.00

68B Rolled plate, doz. pairs, \$10.40
Gold, each 7.00

LITTLE GIANT BUTTON MACHINE.

Is the only practical, perfect and successful low priced button machine ever put on the market, and is guaranteed for one year. It is very simple in operation. No wear and tear about it. No springs to get out of order. All the weak features in other machines have been overcome in the construction of the Little Giant. This machine will make $3\frac{1}{2}$ inch medallion and all size buttons down to a half inch. Think over the thing; it will pay you to investigate, and costs you nothing if everything does not prove as we say it will.



Outfit complete consists of the following:

1 press, as shown in illustration; 1 set of 50-line dies, $1\frac{1}{4}$ inches in diameter; 1 50-line cutter; 1 pound-out, for cutting prints. 1 set 36-line dies; 1 36-inch cutter; $\frac{1}{2}$ gross 50-line pin parts, shells, and celluloid; $\frac{1}{2}$ gross of 36-line pin parts, shells and celluloid. Price, \$24.00.

CRAMER PLATES.

Crown, Banner, Isochromatic, Contrast, Non-Halation and Transparency Brands.

Standard list.

Size	Per doz.	Dozen in Case	Size	Per Doz.	Dozen in Case
1 x $1\frac{1}{2}$	\$0.25	30	$4\frac{3}{4}$ x $6\frac{1}{2}$	\$ 1.00	20
2 x 2 .....	.25	30	5 x 7	1.10.	20
$2\frac{1}{2}$ x $2\frac{1}{2}$ .....	.30	30	5 x 8	1.25	20
$2\frac{1}{2}$ x 4 .....	.35	30	$6\frac{1}{2}$ x $8\frac{1}{2}$	1.65	12
3 x 3 .....	.35	30	7 x 9	2.00	10
3 x $3\frac{1}{2}$ .....	.35	30	7 x 10	2.10	10
$3\frac{1}{2}$ x $3\frac{1}{2}$ .....	.40	30	8 x 10	2.40	10
$3\frac{1}{2}$ x $3\frac{3}{4}$ .....	.40	30	10 x 12	4.20	4
$3\frac{3}{4}$ x $3\frac{3}{4}$ .....	.40	30	11 x 14	6.00	4
$3\frac{3}{4}$ x 4 .....	.45	30	14 x 17	9.00	3
$4\frac{1}{4}$ x $4\frac{1}{4}$ .....	.60	30	16 x 20	13.25	2
4 x 5 .....	.65	30	17 x 20	14.00	2
$4\frac{1}{4}$ x $5\frac{1}{2}$ .....	.75	30	18 x 22	16.50	$1\frac{1}{2}$
$4\frac{1}{4}$ x $6\frac{1}{2}$ .....	.90	30	20 x 24	20.00	1

CRAMER X-RAY PLATES.

The factory has discontinued packing these plates in the paper envelopes, as the contact of paper affects the sensitized surface and materially injures their keeping qualities. We, therefore, furnish the envelopes separately, into which the plates can be readily inserted as required for use. We quote them with Black and Orange envelopes, which are enclosed in each package.

SPECIAL LIST PER DOZEN.

Sizes	With Envelopes	Dozen in Case	Sizes	With Envelopes	Dozen in Case
4 x 5	\$0.80	20	11x14	\$ 7.25	2
5 x 7	1.40	12	14x17	11.25	2
5 x 8	1.55	12	16x20	16.40	$1\frac{1}{2}$
$6\frac{1}{2}$ x $8\frac{1}{2}$	2.10	8	17x20	17.25	$1\frac{1}{2}$
7 x 10	2.65	6	18x22	20.40	$1\frac{1}{2}$
8 x 10	3.00	6	20x24	24.65	1
10 x 12	5.15	2			

Packed $\frac{1}{2}$ dozen in each box.

LANTERN SLIDE PLATES.

$3\frac{1}{4}$ x 4

DISCOUNT ON CRAMER PLATES.

Brands	10 case lots	Case lots or \$35 worth list	Less than case lots
Cramer Banner	35 per cent	30 per cent	25 per cent
" Crown	30 "	25 "	20 "
" Isochromatic	25 "	20 "	15 "
" Contrast	25 "	20 "	15 "
" Non-Halation	25 "	20 "	15 "
" Transparency	25 "	20 "	15 "

CRAMER'S CATALOGUE, containing a full description of the various brands, also the most recent formulas for working Cramer Plates, will be mailed free upon request.

HAMMER DRY PLATES.

Special Red Label, Slow, Fast, Extra Fast.

PRICE LIST.

Doz. in Case	Sizes	Per Doz.	Doz. in Case	Sizes	Per Doz.
30	2 x 2	\$0.20	20	5 x 7	\$ 1.10
30	2½ x 2½	.30	20	5 x 8	1.25
30	2½ x 4	.35	12	6½ x 8½	1.65
30	3 x 3½	.35	12	7 x 10	2.10
30	3½ x 3½	.40	12	8 x 10	2.40
30	3½ x 3½	.40	4	10 x 12	4.20
30	3½ x 3½	.40	4	11 x 14	6.00
30	4½ x 4½	.60	3	14 x 17	9.00
30	3½ x 4½	.45	2	16 x 20	13.25
30	4 x 5	.65	2	17 x 20	14.00
30	4½ x 5½	.75	1½	18 x 22	16.50
30	4½ x 6½	.90	1½	20 x 24	20.00
26	4½ x 6½	1.00			

HAMMER AURORA PLATES.

Extra Fast, D. C. Non-Halation.

Doz. in Case	Sizes	Per Doz.	Doz. in Case	Sizes	Per Doz.
18	3½ x 4½	\$0.55	6	8 x 10	\$ 3.00
12	4 x 5	.80	2	10 x 12	4.75
12	4½ x 5½	.95	2	11 x 14	6.25
12	4½ x 6½	1.10	2	14 x 17	11.25
12	4½ x 6½	1.20	1½	16 x 20	15.65
12	5 x 7	1.40	1½	17 x 20	16.25
12	5 x 8	1.55	1½	18 x 22	19.40
8	6½ x 8½	2.10	1	20 x 24	23.75
6	7 x 10	2.65			

LANTERN SLIDES.

30 dozen in case, 3½ x 4 (thin crystal glass) per dozen.....\$0.55

DISCOUNT ON HAMMER PLATES.

Brands	10 case lots	Case lots or \$25 lots list	Less than case lots
Extra Fast.....	40 per cent.	35 per cent.	30 per cent
Fast and Slow.....	40 "	35 "	30 "
Special Extra Fast.....	30 "	25 "	20 "
Aurora Non-Halation.....	25 "	20 "	15 "
Lantern Slides.....	30 "	25 "	20 "

HAMMER'S LITTLE BOOK.—A short talk on negative making, formulas and description of products. Free for the asking.

SEED PLATES.

SEED 27 GILT EDGE, 26x, 26, 23.

Sizes	Doz. in case	Per doz.	Sizes	Doz. in case	Per doz.	Sizes	Doz. in case	Per doz.
1 x 1½	30	\$0.25	4½ x 4½	30	\$0.60	7 x 10	10	\$ 2.10
2 x 2	30	.25	3½ x 4½	30	.45	8 x 10	10	2.40
2 x 2½	30	.25	4 x 5	30	.65	10 x 12	4	4.20
2½ x 2½	30	.30	4½ x 5½	30	.75	11 x 14	4	6.00
2½ x 4	30	.35	3½ x 6½	30	.75	14 x 17	3	9.00
3 x 3	30	.35	4½ x 6½	30	.90	16 x 20	2	13.25
3½ x 3½	30	.40	4½ x 6½	20	1.00	17 x 20	2	14.00
3½ x 3½	30	.40	5 x 7	20	1.10	18 x 22	1½	16.50
4 x 4	30	.60	5 x 8	20	1.25	20 x 24	1	20.00
			6½ x 8½	12	1.65			

SEED NON-HALATION PLATES

Are plates coated first with a slow (23) emulsion, and then with a rapid one (26x.)

Sizes	Doz. in case	Per doz.	Sizes	Doz. in case	Per doz.	Sizes	Doz. in case	Per doz.
3½ x 3½	18	\$0.50	4½ x 6½	12	\$1.10	10 x 12	2	\$ 5.15
4 x 4	18	.75	4½ x 6½	12	1.20	11 x 14	2	7.25
4½ x 4½	18	.75	5 x 7	12	1.40	14 x 17	2	11.25
3½ x 4½	18	.55	5 x 8	12	1.55	16 x 20	1½	16.40
4 x 5	12	.80	6½ x 8½	8	2.10	17 x 20	1½	17.25
4½ x 5½	12	.95	7 x 10	6	2.65	18 x 22	1½	20.40
3½ x 6½	12	.95	8 x 10	6	3.00	20 x 24	1	24.65

SEED PORTRAIT AND LANDSCAPE
ORTHOCHROMATIC PLATES.

Sizes	Doz. in case	Per doz.	Sizes	Doz. in case	Per doz.
1 x 1½	18	\$0.25	4½ x 6½	12	\$ 0.90
2 x 2	18	.25	4½ x 6½	12	1.00
2 x 2½	18	.25	5 x 7	12	1.10
2½ x 2½	18	.30	5 x 8	12	1.25
2½ x 4	18	.35	6½ x 8½	8	1.65
3 x 3	18	.35	7 x 10	6	2.10
3½ x 3½	18	.40	8 x 10	6	2.40
3½ x 3½	18	.40	10 x 12	2	4.20
4 x 4	18	.60	11 x 14	2	6.00
4½ x 4½	18	.60	14 x 17	2	9.00
3½ x 4½	18	.45	16 x 20	1½	13.25
4 x 5	12	.65	17 x 20	1½	14.00
4½ x 5½	12	.75	18 x 22	1½	16.50
3½ x 6½	12	.75	20 x 24	1	20.00

SEED LANTERN SLIDE PLATES.

Sizes	Doz. in case	Per doz.
3½ x 4	30	G. B. P. R. (four tones).....\$0.60
3½ x 4	30	Regular (black tones)..... .55
3½ x 4	30	Cover Glass..... .25

SEED OPAL GROUND PLATES.

Sizes	Doz. in case	Per doz.	Sizes	Doz. in case	Per doz.
2½x2½	18	\$0.45	4½x6½	12	\$1.55
2½x4	18	.50	5x7	12	1.80
3x3	18	.50	5x8	12	2.25
3½x3½	18	.55	6½x8½	8	2.90
3½x3½	18	.55	7x10	6	3.60
3½x3½	18	.55	8x10	6	4.30
4x4	18	.75	10x12	2	6.90
4½x4½	18	.75	11x14	2	9.40
3½x4½	18	.60	14x17	2	14.00
4x5	12	.85	16x20	1½	17.95
4½x5½	12	1.05	17x20	1½	21.00
3½x6½	12	1.05	18x22	1½	28.00
4½x6½	12	1.45			

Packed half dozen in each box.

SEED NEGATIVE FILMS, POSITIVE FILMS.

Black and Sepia Tones.

Negative films		Positive films		Negative films		Positive films	
Sizes	Per doz.	Per doz. heavy	Per doz. light	Sizes	Per doz.	Per doz. heavy	Per doz. light
2½x4	\$0.50	\$0.55	\$0.50	7x10	\$2.65	\$2.80	\$2.65
3½x3½	.60	.65	.60	8x10	3.00	3.15	3.00
4x4	.85	.90	.85	10x12	4.50	4.75	4.50
4½x4½	.85	.90	.85	11x14	6.00	6.30	6.00
3½x4½	.70	.75	.70	14x17	9.00	9.45	9.00
4x5	.90	.95	.90	16x20	12.00	12.60	12.00
4½x5½	1.05	1.10	1.05	17x20	13.00	14.00	13.00
3½x6½	1.05	1.10	1.05	18x22	14.50	15.75	14.50
4½x6½	1.25	1.30	1.25	20x24	17.50	19.00	17.50
4½x6½	1.45	1.55	1.45	20x30	23.20	25.20	23.20
5x7	1.60	1.70	1.60	20x40	30.00	31.50	30.00
5x8	1.75	1.80	1.75	20x48	36.00	38.00	36.00
6½x8½	2.10	2.25	2.10				

DISCOUNTS ON SEED PLATES.

Brands	10 case lots	Case lots or \$25.00 list	Less than case lots
On 23, 26 and 26x	35 per cent	30 per cent	25 per cent
" 27 gilt edge	30	25	20
" Orthochromatic	25	20	15
" Nonhalation plates (special list)	20	15	10
" Opal plates	35	30	25

SEED'S MANUAL.—An instruction book, containing all the new formulas and other matter of value to the photographer. Ask for it.

EASTMAN FILMS.

FOR CARTRIDGES FOR ROLL HOLDERS.

In ordering cartridges, be sure to state that they are for Cartridge Roll Holder, giving length of spool and size of roll holder, as the film and paper are wound differently from those used in the Bullets, Bulls-Eyes, etc. Kodak spools will not fit Cartridge Roll Holders, and vice versa.

3½ inch Light-proof Film Cartridge, for No. 2 Cartridge Roll Holder, 12 exposures	\$.60
4½ inch Light-proof Film Cartridge, for No. 3 Vertical Cartridge Roll Holder, 12 exposures	.70
4 inch Light-proof Film Cartridge, for No. 4 Horizontal Cartridge Roll Holder, 12 exposures	.90
5 inch Light-proof Film Cartridge, for No. 4 Vertical Cartridge Roll Holder, 12 exposures	.90
7 inch Light-proof Film Cartridge, for No. 5 Cartridge Roll Holder, 12 exposures	1.60

KODAK SPOOLS.

OTHER THAN "CARTRIDGE SYSTEM."

Size of Spool	No. 1,	2½ inch circle, 50 exposures,	\$1.25
2½ inch,	" 1,	2½ " 100 "	2.50
2½ "	" 2,	3½ " 100 "	4.25
3½ "	" 2,	3½ " 60 "	2.50
3½ "	" 2,	3½ " 30 "	1.25
4½ "	" 3,	4½x3½, 60 "	2.50
4½ "	" 3,	4½x3½, 100 "	4.25
3½ "	" 3 Jr.	3½x4½, 60 "	2.50
3½ "	" 3 "	3½x4½, 100 "	4.25
5 "	" 4 "Reg."	5x4, 24 "	1.50
5 "	" 4 "	5x4, 48 "	3.00
5 "	" 4 "	5x4, 100 "	6.25
5 "	" 4 "	5x4, 250 "	15.50
4 "	" 4 Jr. or Fold.,	4x5, 24 "	1.50
4 "	" 4 "	4x5, 48 "	3.00
4 "	" 4 "	4x5, 100 "	6.25
5 "	" 5 Folding,	5x7, 32 "	4.00
5 "	" 5 "	5x7, 54 "	6.00
5 "	" 5 "	5x7, 100 "	11.00
6½ "	" 6 "	6½x8½, 24 "	4.00
6½ "	" 6 "	6½x8½, 48 "	8.00
A, "Daylight,"		2½x3½, 24 "	.75
A, "Ordinary,"		2½x3½, 24 "	.65
B, "Daylight,"		3½x4, 24 "	1.10
B, "Ordinary,"		3½x4, 24 "	1.00
C, "Daylight,"		4x5, 24 "	1.60
C, "Ordinary,"		4x5, 24 "	1.50

KODET SPOOLS.

Size of spool, 4 in., No. 4 Regular, 4x5, 48 exposures	\$ 3.00
" 5 " 4 Folding, 4x5, 48 "	3.00
" 7 " 5 " 5x7, 32 "	4.00
" 7 " 5 " 5x7, 54 "	6.00

In ordering Kodak or Kodet spools, always give the exact designation of the instrument.

EASTMAN'S FILM DEVELOPING CLIPS.

Per pair, 3½ inch.....\$.25 | Per pair, 5 inch.....\$.30

ACME HALATION DESTROYERS.

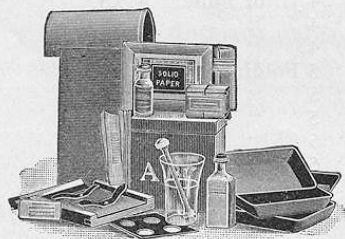
The Acme Halation Destroyer is simply a chemically prepared sheet of black paper, which is moistened with a damp brush and squeegeed to the glass side of the plate. 2 dozen in a package.

4 x 5, per package.....\$.15	5 x 8, per package.....\$.30
4½ x 6½, "20	6½ x 8½, "35
5 x 7, "25	8 x 10, "40

E. W. N. IMPROVED NON-HALATION BACKING.

Every one with slight experience has met with the evil of halation, and no matter how beautiful the scene or subject, will let it pass rather than encounter partially halated negatives, very dense in parts, utterly unprintable and worthless. This improved backing does away with halation entirely, and renders it possible to defy the source or intensity of the light. It has stood the test of time and afforded satisfaction in every instance, is easily and quickly applied and removed, sets at once and is neither sticky nor staining to the hands. While we claim that a negative of any possible subject is better when made on a backed plate, it will have the most noticeable effect when used on interiors with windows included, trees against the sky, sunsets, marines, glass or silverware, black and white copies, lantern slides by reduction, white clothing, snow scenes, and contrasts of every description. It defines plates better, aids perspective and improves blue and purple values. Price, 50 cents, postpaid.

UHLMAN'S AMATEUR DEVELOPING AND PRINTING OUTFIT.



Includes every requisite for developing, printing and finishing. Made in three sizes, 3½x3½, 3½x4½ and 4x5. Price complete, neatly packed, \$1.50.

No. 1 BROWNIE DEVELOPING AND PRINTING OUTFIT.

Complete for developing 24 pictures 2½x2½, and printing on Dekko paper. Price, neatly packed, 75 cents.

LIQUID DEVELOPERS.

UHLMAN'S UNIVERSAL METOL-HYDRO DEVELOPER.

For dry plates, films and developing papers. Ready for immediate use, stainless, not injurious to the hands, keeps indefinitely, can be used repeatedly, gives clear negatives and beautiful prints, and is, therefore, not only the most convenient and economical, but also the most perfect developer.

Price, per 8 oz. bottle.....\$0.25
" " 16 oz. bottle..... .50
" " Quart..... .75
" " Half gallon..... 1.25

RODINAL.

Price, per 3½ oz. bottle.....\$0.60
" " 8½ oz. bottle..... 1.10

POWDER DEVELOPERS.

	Per package
Uhlman's Eiko Powders, per dozen.....\$0.50	
" " Hydro " "..... .50	
Eastman's " " " "..... .50	
" " Eiko " "..... .50	
Seed's Pyrox, small size..... .10	
" " medium size..... .20	
" " large size..... .75	
Nepera M. Q. Tubes, box of five tubes..... .75	
" " Total Developer Tablets, twelve in package..... .60	
Tolidol Tubes, per tube..... .25	
Ideal Q. M. Tubes, box of six..... .50	
Willis & Clement's Platinotype Developer, for 50 oz. solution..... .35	
American Platinum Developer No. 1, for 16 oz. solution..... .15	
" " " " 2, " 50 "..... .35	
" " " " 3, " 100 "..... .60	

BOFLAY.

The Combined Automatic Developing and Fixing Solution.

This solution stops the development at the proper time and then fixes of its own accord automatically.

No. 1.

Use the Combined Automatic and Fixing Solution and you will have no over or under-developed plates or films. It develops plates or films absolutely automatically in the one solution, and as perfect as the most exacting operator could accomplish by careful watching. No more excuse for poorly developed plates or films if exposure is anywhere within reason. No cutting apart is necessary on films.

No. 2.

For "Velox" and other gas-light papers. It is a Combined Automatic Developing and Fixing Solution. Will develop and fix your papers absolutely automatically in the one solution and one tray. No more waste of paper if you have a reasonable exposure. It gives pure whites, jet blacks and preserves the delicate details. Any number of prints can be developed and fixed at same time as they require no watching, the operation being so simple that a child can produce perfect prints without spoiling any paper.

Put up in 6 ounce bottles, No. 1 making 30 ounces of solution for at least 6 dozen 4x5 plates, and No. 2 about 200 4x5 prints. Price, per bottle, 50 cts.

O. K. RESTRAINER.

We prepare this restrainer from an old and well-tried formula. It is always good. It is particularly good to save over-timed negatives. It is possible to over-time negatives one hundred per cent, and by the use of O. K. Restrainer these negatives can be checked, so that an expert could not tell they were over-timed.

O. K. Restrainer not only retards, but imparts a soft and silky delicacy to the negative.

The addition of a drop or two of this restrainer to the developer, in your regular work, is a wonderful advantage, and gives both softness and that sparkling pluck which is so much admired in prize-winners.

Put up in two ounce bottles, enough for several hundred negatives. Price, 50 cents.

O. K. REDUCER.

For reducing contrasts on negatives, modifies high lights without affecting shadows. Price per 8 ounce bottle, 35 cents.

AGFA-REDUCER.

A permanent dry powder. Unequaled in simplicity. Only to be dissolved in 10 parts of water. Complete reduction takes about five minutes. Original bottle of 4 oz. with screw-lid and hollow glass stopper, serving as a measure. Price, 80 cents.

AGFA-INTENSIFIER.

A one solution intensifier. Only to be diluted with 10 parts of water. Keeps indefinitely. Complete intensification in one manipulation. Ideal intensifying process.

4 oz.....\$0.60 | 8 oz.....\$1.00 | 16 oz.....\$1.75

PFABE'S INTENSIFIER.

A powerful strengthener for weak negatives. Excels all Mercury or Uranium or Copper intensifiers. Produces a permanent silver deposit. All ingredients are contained in one solution, which is not affected by light. Presence of Hypo does not cause trouble or spots.

Price, per tube for 6 ounces of solution.....\$0.25
Pfabe's Reducer, for correcting too dense negatives, per tube for 6 ounces solution.....\$0.25

MILLEN'S CHROMIUM FIXING SALT.

It acts energetically and thoroughly, giving clean, brilliant plates which will not fade or discolor, and it will be found indispensable in warm weather, as it entirely prevents frilling and softening of the film.

Price, small size.....\$0.15 | Large size.....\$0.40

NEPERA'S ACID HYPO.

Is a carefully compounded Acid Hypo Fixing bath in dry shape, ready for use, recommended specially for Velox or Bromide papers, Dry Plates and Films. It avoids discoloration and hardens the surface. The box makes about one quart of fixing bath which will keep until exhausted. Price, per box, 15 cents.

PFABE'S ACID HYPO.

This Acid Hypo will give excellent results, being especially prepared for developing out papers of all kinds. It is packed in a wooden box, will not cake or harden, and dissolves readily in cold water. Contents of box will make one pint of fine fixing bath sufficient to fix about 100 4x5 prints. It can be used repeatedly until exhausted. Price, per box, 10 cents.

EASTMAN'S SOLIO HARDENER POWDERS.

FOR SOLIO PAPER.

Price, per package.....\$0.40

SPURR'S CLEARING COMPOUND.

FOR THE HYPO BATH.

One pound paper cans.....\$0.30 | Half pound paper cans.....\$0.20



PAIL HYPO.

We are the originators of the idea of putting up 25 lbs. of pure Pea Crystal or Powdered Hypo in a pail. It commends itself for convenience and cleanliness.

Price, per pail, Pea Crystal or Powdered Hypo, 25 lbs.....\$1.00

CHEMICALS.

Pure chemicals are essential to photographic success. We carry in stock a complete line of the celebrated Herf & Frerichs Chemical Co.'s chemicals, made especially for photographic use. We guarantee them exceptionally pure, reliable and full weight.

	1 oz.	¼ lb.	½ lb.	1 lb.	5 lbs.
Acid, Acetic, Pure, No. 8.....	\$.	\$.	\$.	\$0.20	\$0.65
“ “ Glacial Absolute.....	.15	.35	.60	1.00	.....
“ Boracic, C. P.....	.15	.30	.....	.....	.....
“ Carboic, C. P.....	.15	.....	.....	.80	.....
“ Chromic, C. P.....	.15	.....	.....	.....	.....
“ Citric, Crystals.....	.10	.25	.40	.75	.....
“ Formic, C. P.....	.45	.....	.....	.....	.....
“ Gallic, C. P.....	.25	.....	.....	.....	.....
“ Muriatic, C. P.....	.15	.....	.25	.35	.....
“ Nitric, C. P.....	.15	.....	.25	.35	.....
“ Oxalic, C. P.....	.10	.....	.....	.25	1.00
“ Phosphoric, 50 per cent.....	.15	.25	.35	.55	.....
“ Pyrogallie, H. & F....2 oz can .45	.25	.85	1.60	3.00	.....
“ Pyrogallie, Merks.....	.25	.85	1.60	3.00	.....
“ Pyrogallie, Sherings.....	.30	.95	1.80	3.30	.....
“ Salicylic.....	.25	.....	.....	.....	.....
“ Sulphuric.....	.15	.....	.25	.35	.....
“ Sulphurous, Solution.....	.15	.....	.25	.35	.....
“ Tanic.....	.30	.....	.....	.....	.....
“ Tartaric, Crystals.....	.....	.....	.....	.60	.....
Adural.....	.60	.....	.....	.....	.....
Agfa, a one-solution Intensifier.....	.....	.60	.....	.....	.....
Agfa, a one-solution Reducer.....	.....	.80	.....	.....	.....
Alcohol, 98 per cent.....	.....	.....	.....	.55	.....
Alcohol, Wood.....	.....	.....	.....	.35	.....
Alum, Lump.....	.....	.....	.....	.10	.....
“ Powdered.....	.....	.....	.....	.15	.50
“ Chrome, Powdered.....	.....	.....	.15	.25	1.00
Aluminum, Metal.....	.35	.....	.....	3.50	.....
Amidol.....	.75	2.75	5.25	10.00	.....
Ammonia, Concentrated Liquid.....	.....	.....	.25	.35	.....
Ammonium, Bichromate.....	.15	.....	.....	.90	.....
“ Bromide.....	.15	.30	.40	.75	.....
“ Iodide, White.....	.50	.....	.....	.....	.....
“ Muriate.....	.....	.....	.....	.20	.....
“ Nitrate, Fused.....	.....	.....	.....	.35	.....
“ Persulphate.....	.20	.....	.....	2.00	.....
“ Sulphate.....	.20	.....	.....	.....	.....
“ Sulpho Cyanide.....	.15	.25	.40	.70	.....
Barium, Oxide, Pure Hydrated.....	.15	.....	.....	.....	.....
Benzole.....	.....	.....	.35	.60	.....
Borax, Lump.....	.....	.....	.....	.10	.....
“ Powdered.....	.....	.....	.....	.15	.....

CHEMICALS—Continued.

	1 oz.	¼ lb.	½ lb.	1 lb.	5 lbs.
Cadmium, Bromide.....	\$0.30	\$.	\$.	\$.	\$.
“ Chloride.....	.45	.....	.....	.....	.....
“ Iodide.....	.50	.....	.....	.....	.....
Calcium, Bromide.....	.20	.....	.....	.....	.....
“ Carbonate, Precipitated.....	.....	.....	.....	.20	.....
“ Chloride, Granular.....	.15	.40	.70	1.25	.....
“ Iodide.....	.45	.....	.....	.....	.....
Chloroform.....	.15	.....	.....	.....	.....
Copper, Chloride.....	.15	.....	.....	.....	.....
“ Sulphate.....	.....	.....	.....	.50	.....
Dextrine.....	.....	.....	.....	.25	.....
Diogen.....	.37	.....	.....	.....	.....
Ether, Sulphuric Concentrated.....	.....	.....	.....	.85	.....
Formaldehyde.....	.....	.25	.40	.75	.....
Glycerine.....	.15	.20	.35	.50	.....
Glycin.....	.75	2.75	5.25	10.00	.....
Gold Chloride, 15 gr. bot. 45c, per doz. \$5.	.....	.....	.....	.....	.....
Ground Glass Substitute.....	.....	.....	.50	.....	.....
Gum, Arabic.....	.....	.....	.....	1.00	.....
“ Damar.....	.....	.....	.....	.65	.....
“ Mastic.....	.....	.65	.....	.....	.....
“ Sanderac.....	.....	.....	.....	.30	.....
“ Shellac, White.....	.....	.....	.....	.80	.....
“ “ Orange.....	.....	.....	.....	.50	.....
Hydrochinon.....	.25	.75	1.40	2.50	.....
Imogen.....	.37	1.20	2.10	3.95	.....
Iodine, Crystal Resublimed.....	.50	.....	.....	.....	.....
“ Tincture.....	.15	.....	.....	.....	.....
Iron and Amonia Citrate.....	.15	.....	.....	.....	.....
“ Proto Sulphate.....	.....	.....	.....	.06	.....
Lead, Acetate.....	.15	.20	.30	.50	.....
“ Nitrate.....	.15	.20	.30	.50	.....
Lime, Carbonate.....	.....	.....	.....	.20	.....
“ Chloride.....	.....	.....	.....	.20	.....
Lithium, Bromide.....	.40	.....	.....	.....	.....
“ Iodide.....	.75	.....	.....	.....	.....
Litmus Paper, blue or red, per sheet, 5c..	.....	.....	.....	.....	.....
“ Sensitive, per tube 100 strips, 15c.	.....	.....	.....	.....	.....
Magnesium, Powdered, Pure.....	.35	.....	.....	3.50	.....
Mercury, Bichloride.....	.15	.30	.50	.....	.....
Metacarboll.....	.75	.....	.....	.....	.....
Metol.....	.75	2.75	5.25	10.00	.....
Ortol.....	.75	.....	.....	.....	.....
Paraffine.....	.....	.....	.....	.40	.....
Pfabe's Intensifier, per tube, 25c.....	.....	.....	.....	.....	.....
Potassa, Caustic.....	.15	.....	.....	.....	.....
Potassium, Bichromate.....	.15	.....	.....	.....	.....
“ Bromide Crystal.....	.15	.30	.40	.75	.....
“ Carbonate, Salts of Tartar.....	.....	.....	.....	.20	.75
“ Chloro-Platinite H. & F., 15 gr., 45c, ¼ oz., \$2.75.....	10.50	.....	.....	.....	.....
“ E. A. 15 gr., 60c.....	.....	.....	.....	.....	.....

CHEMICALS—Continued.

	1 oz.	¼ lb.	½ lb.	1 lb.	5 lbs.
Potassium Cyanide, Fused.....	\$.15	\$.30	\$.30	\$.50	\$.00
“ Ferri Cyanide, Red Prussiate.	.15	.30	.40	.70	.....
“ Ferro “ Yellow “	.15	.25	.40	.60	.....
“ Iodide Crystal.....	.35	1.00	1.90	3.25	.....
“ Meta, Bisulphite.....	.20	.....	.....	.....	.....
“ Oxalate Neutral.....	.....	.....	.....	.25	1.00
“ Permanganate.....	.25	.....	.....	.....	.....
“ Sulpho-Cyanide.....	.20	.....	.....	.....	.....
“ Sulphuret.....	.....	.....	.25	.45	.....
Pumice Stone.....	.05	.....	.....	.45	.....
Pyrocatechin.....	.60	.....	.....	.....	.....
Pyrol.....	.30	.....	.....	.....	.....
Rodinal.....3 oz. bottle, 60c	.25	.....	1.10	2.00	.....
Silver Nitrate.....	.55	.....	3.85	7.50	.....
Soda Caustic, sticks.....	.15	.....	.35	.60	.....
Sodium Acetate.....	.....	.....	.15	.25	.....
“ Bicarbonate.....	.....	.....	.....	.15	.....
“ Carbonate, Dry Crystals, Anhy-	.....	.....	.10	.20	.75
“ Carbonate, Powdered.....	.....	.....	.10	.20	.75
“ Carbonate, Seeds.....	.....	.....	.....	.25	.....
“ Citrate Granular.....	.15	.....	.....	.....	.....
“ Hyposulphite Pea Cryst. or Powd.	.....	.....	.....	.05	.....
“per 25 lb. pail, \$1.00	.....	.....	.....	.05	.....
“ Hyposulphite, Pea Cryst. or Powd.	.....	.....	.....	.05	.....
“per 100 lb. keg, \$3.25	.....	.....	.....	.....	.....
“ Iodide.....	.60	.....	.....	.....	.....
“ Meta, Bisulphite.....	.50	.....	.....	.....	.....
“ Phosphate, Crystal.....	.20	.....	.....	.50	.....
“ Sulphate.....	.....	.....	.....	.25	.....
“ Sulphite, Anhydrous, Dry Cryst..	.....	.....	.15	.30	1.00
“ “ Crystals.....	.....	.....	.....	.15	.50
“ “ Powdered.....25	.75
“ “ Seeds.....35
“ Spurs.....20	.35
Tannin.....	.30
Tolidol.....	.50
Uranium Nitrate.....	.75

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WRITE

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will get them for you
at satisfactory
prices :::::

WM. F. UHLMAN, Photographers' Supplies

ST. JOSEPH, MO.

For your convenience, we have arranged the following handy table, which shows cost of Plates with discounts deducted from regular list prices.

These prices subject to an additional 3 per cent cash Discount.

HAMMER EXTRA FAST.

SIZE OF PLATE.....	3 1/4 x 4 1/4	4 x 5	4 1/4 x 5 1/4	4 1/2 x 6 1/2	5 x 7	5 x 8	6 1/2 x 8 1/2	8 x 10	10 x 12	11 x 14	14 x 17
Price per 1 doz..	\$.32	\$.46	\$.53	\$.63	\$.77	\$.88	\$1.16	\$1.68	\$2.94	\$4.20	\$6.30
" 2 "	.63	.91	1.05	1.26	1.54	1.75	2.31	3.36	5.88	8.40	12.60
" 3 "	.95	1.37	1.58	1.89	2.31	2.63	3.47	5.04	8.82	12.60	.....
" 4 "	1.26	1.82	2.11	2.52	3.08	3.50	4.62	6.72	.....	.....	.....
" 5 "	1.58	2.28	2.64	3.15	3.85	4.38	5.78	8.40	.....	.....	.....
" 6 "	1.89	2.73	3.17	3.78	4.62	5.25	6.93	10.08	.....	.....	.....
" 7 "	2.21	3.19	3.70	4.41	5.39	6.13	8.09	11.76	.....	.....	.....
" 8 "	2.52	3.64	4.23	5.04	6.16	7.00	9.24	13.44	.....	.....	.....
" 9 "	2.84	4.10	4.76	5.67	6.93	7.88	10.40	15.12	.....	.....	.....
" 10 "	3.16	4.56	5.29	6.30	7.70	8.76	11.56	.....	.....	.....	.....
" Case ..	8.78	12.68	14.62	17.55	14.30	16.25	12.87	15.60	10.92	15.60	17.55
No. doz. in Case	30	30	30	30	20	20	12	10	4	4	3

CRAMER BANNER AND SEED 26x.

SIZE OF PLATE.....	3 1/4 x 4 1/4	4 x 5	4 1/4 x 5 1/4	4 1/2 x 6 1/2	5 x 7	5 x 8	6 1/2 x 8 1/2	8 x 10	10 x 12	11 x 14	14 x 17
Price per 1 doz..	\$.34	\$.49	\$.56	\$.68	\$.83	\$.94	\$1.24	\$1.80	\$3.15	\$4.50	\$6.75
" 2 "	.68	.98	1.13	1.35	1.65	1.88	2.48	3.60	6.30	9.00	13.50
" 3 "	1.02	1.46	1.69	2.03	2.48	2.81	3.71	5.40	9.45	13.50	.....
" 4 "	1.35	1.95	2.25	2.70	3.30	3.75	4.95	7.20	.....	.....	.....
" 5 "	1.69	2.44	2.81	3.38	4.13	4.69	6.19	9.00	.....	.....	.....
" 6 "	2.03	2.93	3.37	4.05	4.95	5.63	7.43	10.80	.....	.....	.....
" 7 "	2.36	3.41	3.93	4.73	5.78	6.56	8.66	12.60	.....	.....	.....
" 8 "	2.70	3.90	4.49	5.40	6.60	7.52	9.92	14.40	.....	.....	.....
" 9 "	3.04	4.39	5.05	6.08	7.43	8.46	11.16	16.20	.....	.....	.....
" 10 "	3.38	4.88	5.61	6.76	8.26	9.40	12.40	.....	.....	.....	.....
" Case ..	9.45	13.65	15.75	18.90	15.40	17.50	13.86	16.80	11.76	16.80	18.90
No. doz. in Case	30	30	30	30	20	20	12	10	4	4	3

CRAMER CROWN AND SEED GILT EDGE.

SIZE OF PLATE.....	3 1/4 x 4 1/4	4 x 5	4 1/4 x 5 1/4	4 1/2 x 6 1/2	5 x 7	5 x 8	6 1/2 x 8 1/2	8 x 10	10 x 12	11 x 14	14 x 17
Price per 1 doz..	\$.36	\$.52	\$.60	\$.72	\$.88	\$1.00	\$1.32	\$1.92	\$3.36	\$4.80	\$7.20
" 2 "	.72	1.04	1.20	1.44	1.76	2.00	2.64	3.84	6.72	9.60	14.40
" 3 "	1.08	1.56	1.80	2.16	2.64	3.00	3.96	5.76	10.08	14.40	.....
" 4 "	1.44	2.08	2.40	2.88	3.52	4.00	5.28	7.68	.....	.....	.....
" 5 "	1.80	2.60	3.00	3.60	4.40	5.00	6.60	9.60	.....	.....	.....
" 6 "	2.16	3.12	3.60	4.32	5.28	6.00	7.92	11.52	.....	.....	.....
" 7 "	2.52	3.64	4.20	5.04	6.16	7.00	9.24	13.44	.....	.....	.....
" 8 "	2.88	4.16	4.80	5.76	7.04	8.00	10.56	15.36	.....	.....	.....
" 9 "	3.24	4.68	5.40	6.48	7.92	9.00	11.88	17.28	.....	.....	.....
" 10 "	3.60	5.20	6.00	7.20	8.80	10.00	13.20	.....	.....	.....	.....
" Case ..	10.13	14.63	16.88	20.25	16.50	18.75	14.85	18.00	12.60	18.00	20.25
No. Doz in Case	30	30	30	30	20	20	12	10	4	4	3

We trust the above tables will prove a source of convenience as well as profit to you. All orders filled with perfectly fresh stock, same day received.

WM. F. UHLMAN, PHOTOGRAPHERS' SUPPLIES

620 EDMOND STREET

ST. JOSEPH, MO.

(OVER)

Dry Plates.

List Price of Seed's 26x and Seed's Gilt Edge 27, Cramer's Crown, Cramer's Banner, and Hammer's Extra Fast.

Size	Full Case Contains	Per Doz.
3 1/4 x 4 1/4	30 dozen	\$ 0 45
4 x 5	30 "	65
4 1/4 x 5 1/4	30 "	75
4 1/4 x 6 1/2	30 "	90
5 x 7	20 "	1 10
5 x 8	20 "	1 25
6 1/2 x 8 1/2	12 "	1 65
8 x 10	10 "	2 40
10 x 12	4 "	4 20
11 x 14	4 "	6 00
14 x 17	3 "	9 00
16 x 20	2 "	13 25
17 x 20	2 "	14 00
18 x 22	1 1/2 "	16 50
20 x 24	1 "	20 00

10x12 and larger are put up half dozen in a box.

Discount on Dry Plates.

	Case lots or \$25.00 List Ass't'd	Less than case lots
Hammer Extra Fast	35 per cent	30 per cent
Seed, 26x, Cramer Banner } Seed Opal Plates..... }	30 "	25 "
Cramer Crown, Seed Gilt Edge } Hammer Special Extra Fast... }	25 "	20 "
Cramer Transparency, Lantern Slide } Contrast and Hammer Non-Halation } Seed or Cramer..... }	20 "	15 "
Double Coated Non-Halation } Cramer's Isochromatic..... }	15 "	10 "

Wm. F. Uhlman, Photo Supplies

620 Edmond Street

St. Joseph, Mo.

(OVER)