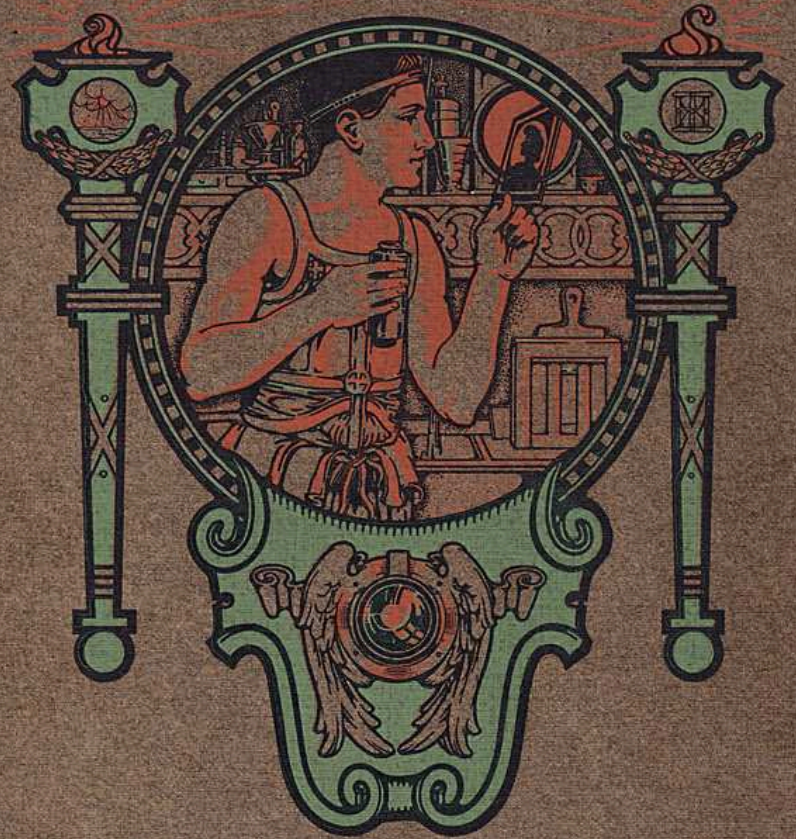


# PHOTOGRAPHIC CATALOGUE

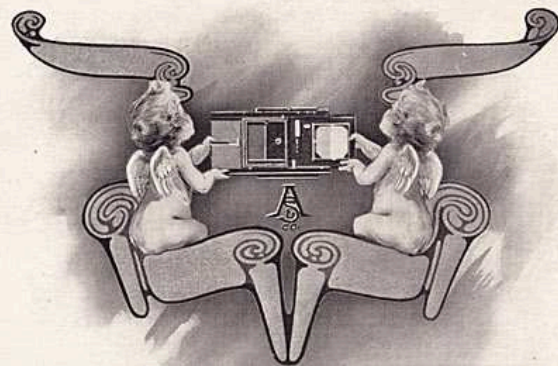


THE ANTHONY & SCOVILL COMPANY  
BINGHAMTON · · NEW YORK

# PHOTOGRAPHIC CATALOGUE

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CAMERAS AND SUPPLIES  
FOR THE PROFESSIONAL AND AMATEUR  
PHOTOGRAPHER



THE ANTHONY & SCOVILL CO.  
BINGHAMTON, NEW YORK, U. S. A.

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The Anthony & Scovill Co.  
Binghamton, N. Y.

## Preface



IN compiling the present catalogue, we have confined ourselves almost exclusively to goods of our own manufacture or which we directly control, with the exception of a few articles, which being of undoubted merit, we feel justified in recommending them to our customers. This is in line with our policy of only selling goods of our own manufacture, which policy we adopted when we concentrated our business in this city, by building new and model factories. In adopting our new course, we also in behalf of the photographic dealers, discontinued our retail store in New York City. We are now strictly manufacturers and we are thus better able to concentrate all our efforts and energies in improving our goods and in putting new inventions on the market.

We hope that photographers who have used our goods for the last sixty years will continue to purchase them through the many jobbers and retail dealers who carry them. We nevertheless invite correspondence from both professional and amateur photographers direct, in order to avoid delays in obtaining information.

We maintain a New York depot for the wholesale distribution of Hammer Dry Plates, for which we are sales agents.

This catalogue is in the broadest sense, a catalogue of general photographic cameras and supplies for the professional, the amateur and the photo-engraver; and as such we hope will prove of great assistance to the dealer as a reference book.

## Remarks

THE popularity of the New York Studio Outfit led us to introduce the Greater New York, which is the highest achievement in studio camera construction.

We have made substantial improvements in the Anthony and King Belt Background carriers, and no well equipped studio should be without them.

Our greatest strides, however, have been in the direction of printing mediums.

Cyko has been brought to that point of perfection where the professional is able to use exclusively developing papers for his work. Cyko paper is now coated on the best imported basic stock.

Monarch Matte and Monarch Glacé Collodion papers have kept well to the fore.

In summing up would state that a photographer cannot make a mistake in equipping his studio with either the New York or the Greater New York Studio Outfit, and the Anthony Background Carrier.

On the other hand he should not allow himself to be persuaded to use substitutes without very mature consideration.

## Terms

PERSONS not having an account with us will save delay by sending remittances in advance, in bank draft, post-office order, express money order or registered letter.

When goods are to be sent C. O. D., enough money must be remitted in advance to pay transportation charges both ways.

Orders for mail shipment must be accompanied with remittance for full amount of purchase, including postage, or shipment will be made by express collect.

Shipping directions must be given, whether by freight, express or otherwise; if not stated, we will use our discretion at the customer's risk.

New customers seeking to establish a line of credit, will avoid delay by sending their references with order.

Prices are subject to fluctuations. This catalogue merely gives the prices in force at its date of issue.

We pack with the utmost care, and we will not be responsible for damage in transit.

We are willing to accommodate customers by purchasing for them goods not listed in this catalogue, with the understanding that such goods cannot be returned, or the prices changed which we may be obliged to charge.

We will not hold shipments in abeyance for goods not made by us or listed in this catalogue, nor for enclosures to come from other manufacturers.

## The Selection of a Lens for Studio Work

WE have for the last fifty years recommended for studio work, the use of long barrel lenses and of considerable diameter. In fact the photographer has been slow to discard the use of that type of lens for portraiture, and even now dealers are to be found all over who still advocate the use of lenses of that type; but the progress in photographic optics has been going on steadily and the type of Anastigmat lenses has now reached such a point that there no longer exists any reason for the photographer burdening himself with a heavy and unwieldy cumbersome lens.

We must now admit that the small Anastigmat does all and more than was at one time claimed for the time-honored Portrait lens, especially the Goerz "Celor" Double Anastigmat type B, series 1 B, which up to and including size 5 x 7, work at F 4; larger sizes at F 5.

Although the Double Anastigmat lenses working at a maximum opening of F 6,<sup>8</sup> are fully capable of giving perfect definition over the entire surface of the plates for which they are listed, when used at their full aperture they do not possess the speed required to produce fully exposed negatives under adverse conditions of light.

The professional photographer, for work in the studio, has always insisted that his lens produce fully timed plates, no matter how poor the light, and contended that the large opening of a Portrait lens made that style of lens faster. This led Mr. Emil Von Höegh to perfect a new type Double Anastigmat

lens, which fulfils the requirements of the worker in the studio. While Mr. Emil Von Höegh obtained advantages in the computation of this new type of lens, which are not found in any other objective of equal rapidity, he could not produce this result without combining some of the properties which have secured for the Goerz series III Double Anastigmat the front rank among the Anastigmat lenses.

There are a number of Anastigmat lenses in the market which possess a very large relative opening, thus theoretically leaving nothing to be desired with regard to speed, but when used at their full opening do not possess a sharp field of sufficient extent to permit of making practical use of their speed. To overcome this difficulty such lenses are made with greater focal length and thereby accentuate all the more the lack of depth of focus which is already reduced as a result of the increased relative opening.

These considerations show that the fast lens to be really useful in the practical every day use of photography, should not alone possess speed, but must at the same time be able to cut sharp at full opening, an image embracing an angle of 60 degrees; or in other words a plate the longer side of which is about equal to the focal length of the lens.

The new Goerz type B Double Anastigmat lens combines these properties; hence the reason why this lens not only takes the place of the old time Portrait lens, but excels it in a great many respects.

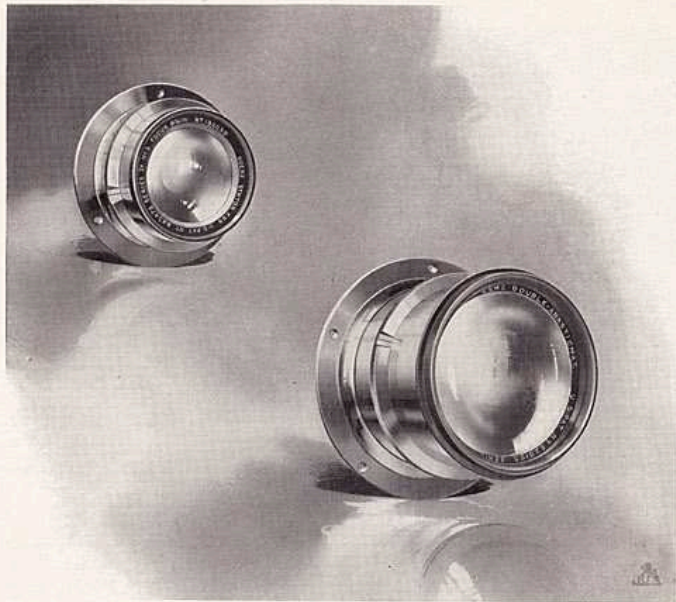
The type B Double Anastigmat lens is superior to all other Anastigmats of equal maximum relative opening because of the larger field of sharp definition at full opening. This enables the photographer to select, if desired, a shorter lens of the type B, to cover a given size of plate than would be possible when using lenses of other makes and of equal rapidity,

thereby gaining in depth of focus and consequently in actual working speed.

Another great advantage of these lenses is their unusual short build. This makes them not only extremely light and rigid, but insures an evenness of illumination over the entire plate which cannot be obtained with constructions in which the lenses are placed further apart. The faster the exposure, the more noticeable the "vignetting" effect of long built lenses—ergo, fast lenses should be built as short as possible.

It must be borne in mind, however, that the lenses of the type B are special lenses, to be selected in all cases where extreme rapidity is the principal consideration, for portraits in the studio, and where an angular view not exceeding 66 degrees is sufficient. They do not take the place of the series III which has no equal as a *Universal Lens*.

## Goerz Dagor

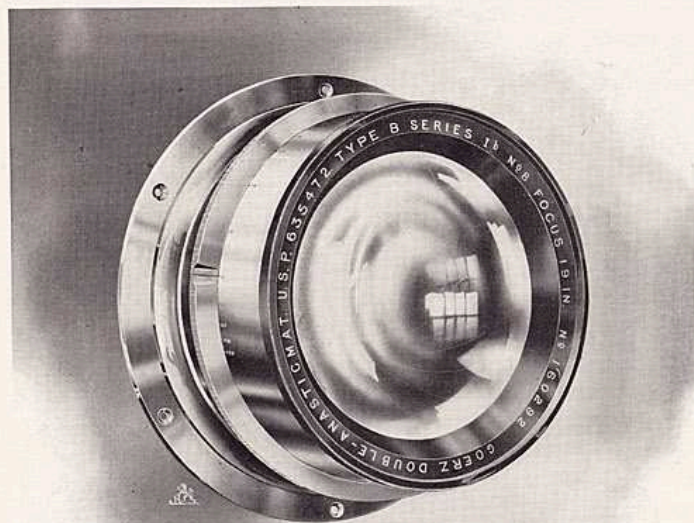


### F: 6.8 (SERIES III)

Universal Extra-rapid lens for Landscapes, Architecture, Portraits, Groups, Instantaneous Photography, Interiors, and Scientific Work of all kinds.

No.	Equivalent Focus Inches	Free Aperture In.	Size of Plate Sharply Covered at			Code-word	Price, with Iris Diaphragm	
			F: 6.8 U. S. : 2.9 Inches	F: 16 U. S. : 16 Inches	F: 32 U. S. : 64 Inches			
F: 6.8	0000	1 1/8	3/4	1 1/8 x 1 1/8	2 x 2	2 x 2 1/4	Capo	\$ 34.00
	000	2 3/8	3/8	2 3/8 x 2 3/8	2 1/2 x 3	2 3/4 x 3 1/2	Cardiff	34.00
	00	3 1/2	5/8	3 x 3	3 1/4 x 4 1/4	4 x 5	Cadiz	35.50
	0	5	3/4	3 1/4 x 4 1/4	4 x 5	5 x 7	Cesar	37.50
	1	6	7/8	4 x 5	5 x 7	6 1/2 x 8 1/2	Calderon	45.00
	2	7	1	5 x 7	5 x 8	8 x 10	Calla	51.50
	3	8 1/4	1 1/4	5 x 8	6 1/2 x 8 1/2	10 x 12	Calvin	62.50
	4	9 1/2	1 5/8	6 1/2 x 8 1/2	7 x 9	11 x 14	Camerun	75.50
	5	10 3/4	1 7/8	7 x 9	8 x 10	12 x 16	Canillus	91.00
	6	12	2	8 x 10	10 x 12	16 x 18	Canada	107.00
	7	14	2 1/2	10 x 12	12 x 15	18 x 22	Capet	140.00
F: 7.7	7a	16 1/2	2 3/8	11 x 14	13 x 17	20 x 24	Caviar	182.00
	8	19	2 7/8	12 x 15	16 x 18	22 x 25	Carlos	219.00
	9	24	3 5/8	16 x 18	18 x 22	24 x 30	Census	325.00
	10	30	4 1/4	18 x 22	22 x 25	30 x 36	City	539.00
	11	35	5	22 x 25	24 x 30	34 x 44	Columbia	1,070.00

## Goerz Celor Double Anastigmat



### TYPE B. SERIES 1B

German Patent No. 109,283  
U. S. Patent No. 635,472

F:4.<sup>5</sup> F:5.<sup>5</sup>

Angle of Field of Sharp Definition, 62°, 66°

EXTRA RAPID, APOCHROMATIC

SPECIAL OBJECTIVE FOR Fastest Instantaneous Exposures (Focal Plane Shutters); *Portraits in Rooms and Studios*; Projection; Enlargements and Reproductions; Three-Color Process; Tele-Photography. Also, Landscapes and Architectural Views, and for all purposes not requiring a very wide angle of view.

**T**HIS is a symmetrical objective. Each combination is composed of two thin glasses, separated by a small air space. The loss of light through absorption is therefore very small.

The illustration shows the unusual short build of these lenses. They are very light and compact and therefore specially useful for folding cameras. Their shortness also insures great evenness of illumination.

The *rear lens*, which has about twice the focal length of the complete system, can only be used with small stops. It will then cut a plate double the size of that for which the complete lens is listed.

## Series 1B. Goerz Celor Double Anastigmat. Type B

F:4.<sup>5</sup> F:5.<sup>5</sup> (U. S. 1.25-1.99)

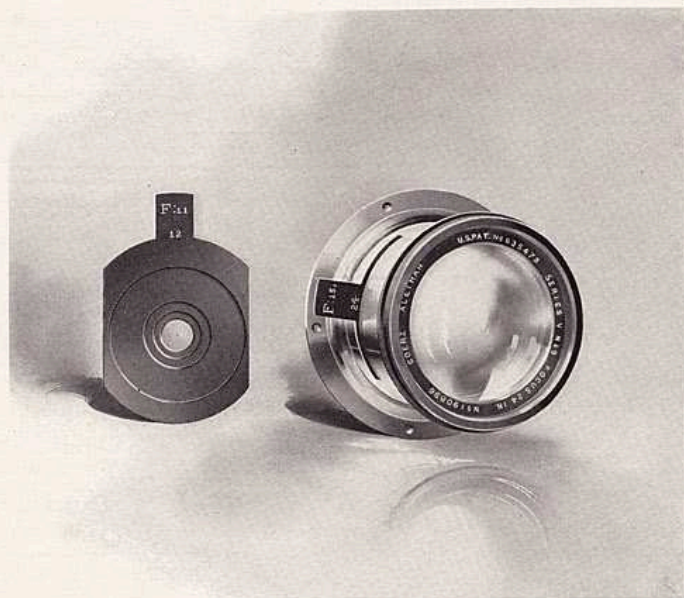
No.	Focus	Relative Opening	Diameter of Lenses	Size of Plate		Code Word	Price with Iris Diaphragm
				Full Open	F: 15 5		
000 . . . . .	2½"	F 4. <sup>5</sup>	⅞"	1½ x 2½	2 x 2½	Baal	\$ 34.50
00 . . . . .	3½"	F 4. <sup>5</sup>	⅝"	2½ x 3½	3 x 4	Babel	38.00
0 . . . . .	4½"	F 4. <sup>5</sup>	13/16"	3½ x 4½	4 x 5	Bacca	40.00
1 . . . . .	6"	F 4. <sup>5</sup>	1¼"	4 x 5	5 x 7	Babuin	47.00
2 . . . . .	7"	F 4. <sup>5</sup>	1½"	5 x 7	5 x 8	Bacchus	54.50
3 . . . . .	8½"	F 5.	1¾"	5 x 8	6½ x 8½	Baco	67.00
4 . . . . .	9½"	F 5.	1¾"	6½ x 8½	7 x 9	Bairam	90.50
5 . . . . .	10½"	F 5.	27/16"	7 x 9	8 x 10	Bagdad	108.50
6 . . . . .	12"	F 5. <sup>5</sup>	2¼"	8 x 10	10 x 12	Bagger	126.50
7 . . . . .	14"	F 5. <sup>5</sup>	2½"	10 x 12	12 x 15	Bagno	163.00
7α . . . . .	16½"	F 5. <sup>5</sup>	33/16"	11 x 14	13 x 17	Bacillus	208.50
8 . . . . .	19"	F 5. <sup>5</sup>	3½"	12 x 15	16 x 18	Bakul	245.00

**T**HE lenses of Type B, Series 1B, are especially suitable for the *fastest instantaneous* exposures, under unfavorable conditions of light. In midsummer they enable the operator to expose his plates correctly during the early forenoon and late afternoon, when lenses with lesser relative openings would be insufficient, owing to the weaker actinic action of the light during these hours. They actually lengthen the photographic workday by two hours. And in the winter season, when even at noonday the light is frequently too weak to permit of rapid exposures with other lenses, the Series 1B will satisfactorily produce the desired results.

For the very same reasons this type of Double Anastigmat lens is excellently adapted for all kinds of photography with *artificial light*.

The smaller numbers of the Series 1B, render perfect results with kinematographic apparatus.

## Goerz Apochromatic Anastigmat



## ALETHAR SERIES V., F. 11

SPECIAL OBJECTIVE FOR Three-Color work and Reproductions, Photo-Engraving, Auto-type, Groups, Landscapes and Architectural work.

ALL photo-engravers using Goerz lenses—and most of them do—are familiar with the remarkable perfection of these lenses, their great speed, unequaled covering power, even illumination, critical engraving-like definition, and accuracy of mechanical adjustments. The Series IV long ago established and has since sustained that reputation for standard perfection and excellence associated with Goerz lenses. The new Goerz Apochromatic ALETHAR is however, in many respects a perfected form of the type Series IV.

It consists of two symmetrical combinations, each comprising a positive lens, an air space and a negative lens. The latter is composed of three lenses cemented together, the spherical and chromatic aberrations being thus better corrected. This disposition allows even in long foci lenses, not only to do away completely with the variations in the focal plane arising from the change of diaphragms but also to bring to the same focal plane spectrum

rays, C., D., F. and G. These objectives, chemically as well as optically corrected, possess, therefore, at full aperture, remarkable definition and illumination which allow of perfect and absolute focusing.

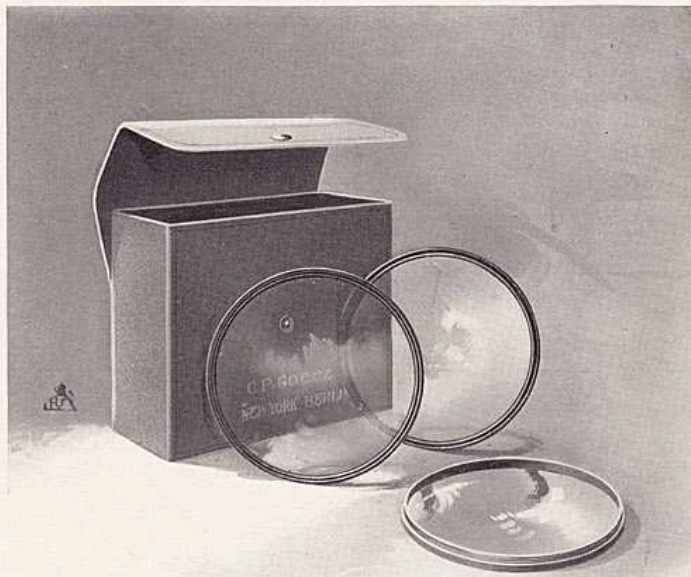
As far as the correction of the lateral rays is concerned, less stress has been laid to the obtention of a large field of view than to the advisability of securing the greatest amount of correction within a reasonable angle, amply sufficient in common practice, with the result that perfect correction for line reproductions has been attained even at full aperture. A trial of this lens is earnestly suggested.

## PRICE LIST

No.	Equivalent Focus Inches	Normal Size of Plate for Copying at F : 22 to F : 31		Size of Plate Covered at		Price with Waterhouse Stops
		In Life Size Inches	In Reduced Size Inches	F : 11. For Groups Inches	With Smaller Stops for Landscapes Interiors, Etc. Inches	
8	19	18x24	16x20	11x14	12x16	\$ 230.00
9	24	24x28	18x24	12x16	16x20	345.00
10	30	30x34	24x30	16x20	18x24	565.00
11	35	36x40	32x36	18x22	24x30	942.00
12	47	48x52	40x40	24x30	32x36	1450.00



## The Goerz Ray-Filters



Warranted optically true and made from colored plane optical glass.

**T**HESE Ray-Filters will fill a long-felt want for a really plane, true and satisfactory Ray-screen. They are made from absolutely plane optical glass and do not interfere in any way with the corrections of the photographic lens with which they are used. These filters are made to fit all Goerz lenses and can be fitted also to any other lens to order.

### PRICE LIST

For Goerz	Number	Set of Three Colors in Neat Case	Single Screens each
Dagor Lens, Series 3	0 1 2 3	\$3.00	\$1.00
Dagor Lens, Series 3	4 5 6	4.50	1.50
Dagor Lens, Series 3	7 7a	6.00	2.00
Celor Lens, Series B	0	3.00	1.00
Celor Lens, Series B	1 2 3	4.50	1.50
Celor Lens, Series B	4 5 6 7	6.00	2.00
Syntor Lens, Series D	0 1 2	3.00	1.00
Syntor Lens, Series D	3 4 6	4.50	1.50

NOTE: When ordering the Goerz Ray-filters for lenses of other manufacture the front combination of the lenses to be fitted must be sent to us.

## LIQUID FILTERS FOR COLOR WORK

These Filters are made of the finest optical glass and we highly recommend them to all Process workers for their absolute freedom from strain and for the perfect polish and plan-parallelism of their surfaces.

We keep them at hand in the following sizes:

No.	Diameter	For Series IV 1D and Alethar No.	Price
1	2 inches	6-8	\$ 34.50
2	2½ "	9	59.80
3	3½ "	10	74.30
4	3¾ "	11	90.60
5	4½ "	12	145.00

## Condensing Lenses

These are plano-convex, made of the best crown glass, finely polished and warranted.

Diameter Inches	Focus Inches	One Lens	Pair of Lenses Mounted
4	5½ or 6½	\$ 1.50	\$ 4.80
4½	5½ or 6½	1.65	6.00
4½	5½ or 6½	1.80	7.25
5	6½	2.10	9.00
5½	8	2.70	11.00
6	8	3.60	14.50
6½	8	4.80	22.00
7	9	6.90	29.00
8	12	9.00	38.00
9	14	12.00	48.00
10	15	16.25	60.00
12	18	32.50	96.00
14	21	48.00	144.00

## Prisms

The Goerz prisms recommend themselves for the purity and freedom from strain of the optical glass of which they are made, for the perfection of their workmanship, for the remarkable polish of their surfaces which are guaranteed true planes to the  $\frac{1}{3000000}$  of an inch, and for the beautiful silvering of their reflecting surface. They are fixed rigidly in their mount, which is so constructed that the operator may move lens and prism in any direction he may choose, the whole system being solidly clamped down when in position.

No.	Length of the Rectangular Sides	For S. IV. Lenses and Alethar No.	Price
1	1¾ inches	6	\$ 50.00
2	1½ "	7	55.00
3	2¾ "	7a-8	60.00
4	2¾ "	9	75.00
5	3¾ "	10	140.00
6	4½ "	11	240.00
7	5¾ "	12	375.00

## Special Diaphragm

We are prepared, at all times to make diaphragms of special shape, suitable for obtaining various effects in half-tone negatives.

## The Periscope Lens

IS a rectilinear combination of the wide angle variety, having an angle of 80°, and is suitable for taking interior and exterior views—a very satisfactory instrument for general open-air work.

The largest aperture, F 14, admits sufficient light for instantaneous views. The larger sizes are suitable for taking portraits in the studio.

No.	Diameter of Lens, Inches	Equivalent Focus, Inches	Size of Plate, Largest Stop, Inches	Size of Plate, Smallest Stop, Inches	Price
2	¾	4½	3¼ x 4¼	4¼ x 6½	\$10.00
3	¾	6	4 x 5	5 x 8	12.00
4	1½	8½	5 x 8	8 x 10	15.00
5	1¼	10½	6½ x 8½	10 x 12	18.00
6	1¾	12	8 x 10	11 x 14	22.00

### THE EXTREME ANGLE PERISCOPE LENS

For use where views of an unusually wide angle are desired.

This objective is a symmetrical combination, and is absolutely free from astigmatism and secondary image, or *ghost*, besides which it is achromatic and perfectly rectilinear. As each lens is individually achromatized, the front can be removed and the back *used as a single landscape lens* of about double the focal length of the entire combination.

No.	Equivalent Focus, Inches	Size of Plate, Largest Stop, Inches	Largest Plate Covered, Inches	Largest Aperture	Price
1	2.9	2½ x 2½	5 x 7	F 10	\$ 24.00
2	3.6	3 x 3	6½ x 8½	F 10	24.00
3	4.2	3¾ x 4¼	8 x 10	F 10	27.00
4	5.	4 x 5	10 x 12	F 14	32.00
5	5.9	4¼ x 6½	11 x 14	F 14	40.00
6	7.1	5 x 8	14 x 17	F 14	51.00
7	8.4	6½ x 8½	16 x 20	F 16	66.00
8	10.	8 x 10	20 x 24	F 16	87.00
9	12.6	10 x 12	25 x 30	F 16	116.00

## Gem Tubes

THESE are exactly the same in working as the well-known Portrait lenses, but have neither rack-work, hood, nor central stops. They come matched—the one-ninth in sets of 4, 6, or 9 each; the quarter size in sets of 2, 4, 6, or 8.

	Each.
1-9 size, 3 inches back focus . . . . .	\$2.00
1-4 size, 4¼ inches back focus . . . . .	3.00

### BRASS PLATES FOR ABOVE SUPPLIED AS FOLLOWS:

For	Each.
Four 1-9 Tubes on 1-4 plate . . . . .	\$1.00
Four 1-4 Tubes on 5x7 plate . . . . .	1.50
Nine 1-9 Tubes on 5x7 plate . . . . .	2.50

## Dallmeyer's Patent Portrait Lenses

These are manufactured in three degrees of intensity or rapidity of action:—

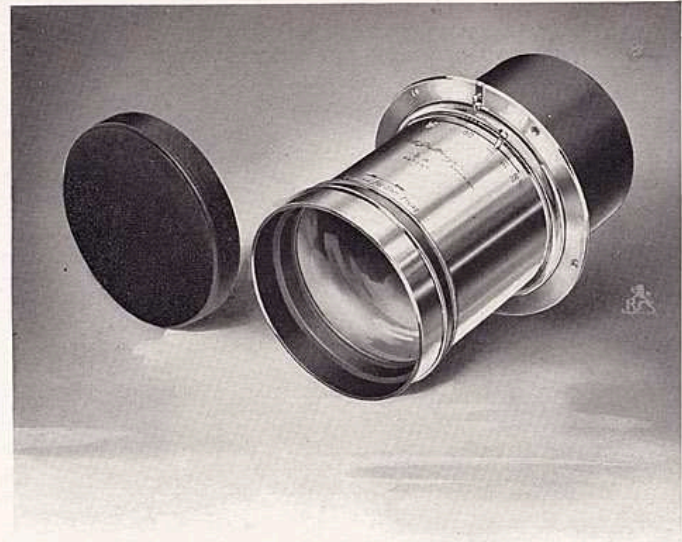
- 1st. Portrait lenses—Intensity F. 3: designated B.
- 2d. Portrait lenses—Intensity F. 4: designated A.
- 3d. Portrait, Group and View lenses—Intensity F. 6: designated D.

The denominators of the fractions expressing intensity of the lenses above mentioned, viz., 3, 4, 6, when *squared*, at once express the relative time of exposure for each lens. Thus the B series require about *one-half* the exposure of A and *one-fourth* of D.

DESCRIPTION—These lenses are constructed on a different principle to the old or Petzval type of Portrait lenses, and excel them in sharpness of definition, in freedom from distortion and flare, and in equality of illumination; while, in addition to this, they afford the means, by the simple turn of a screw of obtaining greater equality or depth of definition.

The construction of the lens is such that, with the posterior cells of the back combination screwed home, it produces the sharpest possible picture of objects situated in one plane. Then, by unscrewing the posterior cell, a turn, or parts of a turn, the previous intensely sharp definition becomes modified, *i. e.*, the contrast of excessive sharpness in one plane, compared with great want of sharpness in other planes, is balanced, producing the impression of a general distribution or depth of focus; and this in proportion to the amount of unscrewing. Nothing has been sacrificed in securing this *new power*, and it *can be used* or not at the *will* of the operator, who will rapidly become proficient in judging what is necessary to produce any desired effect.

## Dallmeyer's Patent Portrait Lenses



### SERIES A, SPEED F. 4:

These require nearly double the exposure of the B lenses.

No.	Description	Waterhouse Diaphragm	Iris Diaphragm
No. 1	A* Patent Lens, with rack and pinion movement. Diameter of front and back combination, 2 $\frac{3}{4}$ and 2 $\frac{5}{8}$ inch, respectively. Equivalent focus, 10 ins. for pictures 4 x 5 inches . . . . .	\$100.00	\$110.00
No. 2	A* Patent Lens, with rack and pinion movement. Diameter of front and back combinations, 3 $\frac{1}{2}$ and 3 $\frac{1}{4}$ inches, respectively. Equivalent focus, 13 $\frac{1}{2}$ inches for pictures 5 x 7 . . . . .	136.00	148.00
No. 3	A* Patent Lens. Diameter of lenses, 4 inches. Equivalent focus, 16 inches for pictures 6 $\frac{1}{2}$ x 8 $\frac{1}{2}$ Promenades and Cabinets. . . . .	208.00	220.00
No. 4	A Patent Lens. Diameter of lenses, 4 $\frac{1}{2}$ inches. Equivalent focus, 18 inches for pictures 8 x 10 inches and under. . . . .	292.00	308.00
No. 5	A, in rigid mount. Diameter of lenses, 5 inches. Equivalent focus, 22 inches for pictures 12 x 15 inches and under. . . . .	380.00	396.00
No. 6	A, in rigid mount. Diameter of lenses, 6 inches. Equivalent focus, 30 inches for pictures 16 x 20 inches and under . . . . .	456.00	476.00

\* These lenses are well adapted for the 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, 24 feet for a full-length figure.

## Dallmeyer's Patent Portrait Lenses

SERIES B, SPEED F. 3:

	Waterhouse Diaphragm	Iris Diaphragm
No. 1 B Patent Lens, with rack and pinion movement. Diameter of lenses, 2 inches. Equivalent focus, 6 ins. For Carte De Visite Portraits. Distance between subject and lens for standing figure, 12 to 13 ft . . . . .	\$ 56.00	\$ 62.00
No. 2 B Patent Lens, with rack and pinion movement. Diameter of lenses, 2 3/4 inches. Equivalent focus, 8 3/4 inches. Especially constructed for Carte De Visite Portraits, though it may be used with perfect satisfaction for Cabinets also. Dis- tance between subject and lens for a standing figure (Carte De Visite), 18 ft . . . . .	102.00	112.00
No. 3 B Patent Lens. Diameter of lens, 3 1/2 inches. Equivalent focus 11 1/2 inches. Especially con- structed for the Cabinet Portraits. Distance between subject and lens for a standing figure, 18 ft.; for a Carte de Visite, 25 ft . . . . .	152.00	164.00
No. 4 B Patent Lens. Diameter of lenses, 4 1/2 inches. Equivalent focus, 17 inches, for pictures 8 x 10, and under. Distance for a Cabinet standing figure, 25 ft . . . . .	304.00	324.00

## Dallmeyer's Patent Portrait and Group Lenses



SERIES D, SPEED F. 6:

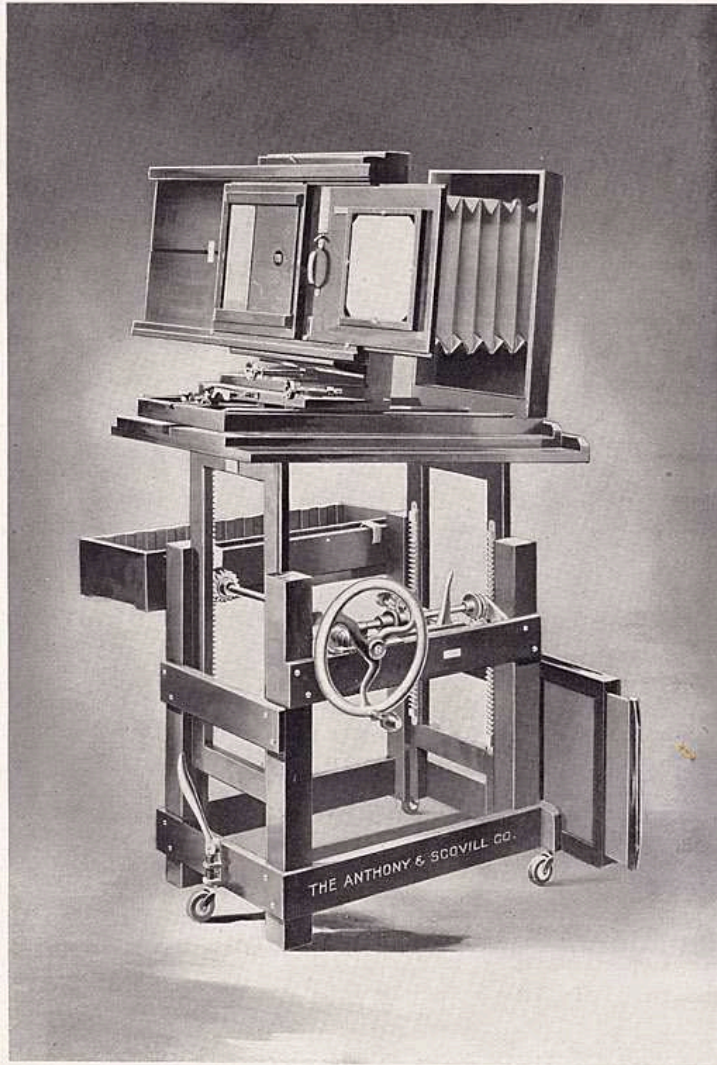
These require about twice the exposure of the A, and nearly four times that of the B series. They are more especially designed for groups, large heads, and full figure work in the studio. For outdoor subjects, these lenses are generally useful, whether for groups, instantaneous effects, architecture or landscapes; for, in common with all our Patent Portrait lenses, they are free from a central "flare spot," even when used with the smallest diaphragms; and they are entirely free from distortion.

With the exception of Nos. 2 D and 3 D, these lenses are mounted in rigid setting, *i. e.*, without rack and pinion movement.

No.	Diameter of Lenses	Equiv. Focus	Size of Portrait or Group	Size of View	Waterhouse Diaphragm	Iris Diaphragm
No. 2 D*	1 1/2 inches	9 in.	5 x 7	5 x 8 in.	\$ 54.00	\$ 58.00
No. 3 D*	2 1/2 "	12 1/2 "	6 1/2 x 8 1/2	8 x 10 "	72.00	78.00
No. 4 D	2 3/8 "	17 "	8 x 10	10 x 12 "	104.00	114.00
No. 5 D	3 1/4 "	19 "	10 x 12	12 x 15 "	133.00	145.00
No. 6 D	4 "	24 "	12 x 15	16 x 18 "	202.00	214.00
No. 7 D	5 "	30 1/2 "	16 x 18	20 x 22 "	306.00	382.00
No. 8 D	6 "	37 "	20 x 22	21 x 25 "	414.00	464.00

\* Distance for a full-length Cabinet with No. 2 D, 14 feet (not recommended where a longer focus lens can be used); with No. 3, D 18 feet; No. 4 D, 25 feet.

## The New York Studio Outfit



## The New York Studio Outfit

**T**HIS Outfit has an international reputation as the most complete equipment on the market and the least expensive. It was designed to meet the requirements of the photographer in the studio. The photographic department of hospitals, prisons, asylums and other institutions; also many industrial factories will be found equipped with this well known outfit.

The camera is made of polished mahogany or in mission finish, with a double swing back, lever focusing attachment, and fitted with an automatic attachment which is the main feature of the Outfit. The focusing is done with a focusing lever. The ground glass is shifted out of position, the holder inserted and the slide from the holder is drawn automatically in a time as short as the twinkling of an eye. Thus the most perfect work can be produced with the least waste of time and the sitter does not become impatient by waiting when the expression is at its best. This accounts for the great success which those photographers have attained who use the New York Studio Outfit.

The Automatic Attachment with which the camera is fitted was awarded a diploma for the most important improvement in professional apparatus at two conventions of the Photographers' Association of America; but the best proof of its merit is in the fact that at least ninety per cent. of the photographic studios in this country have adopted its use exclusively.

This attachment will also be found described on page 76 of this catalogue.

### THE 8 x 10 OUTFIT IS MADE UP OF THE FOLLOWING:

- I 8 x 10 No. 11 C in polished Mahogany, or in Mission finish, hand rubbed, Portrait Camera, fitted with rubber bellows, the finest quality of ground glass and 8 x 10 Benster Curtain Slide Plate Holder . . . . . \$32.00
- I No. 5 Automatic Attachment, fitted with ground glass and a small light-weight Curtain Slide Reversible Holder that will permit using 5 x 7 Dry Plates in either lengthwise or upright position. Holders can always be supplied to use dry plates, 4 3/4 x 6 1/2, or 4 1/4 x 6 1/2 . . . . . 14.50
- I No. 1 New York Camera Stand in Mahogany or Mission finish, having only one hand wheel for raising, lowering and tilting the top . . . . . 20.50
- I Holder Rack in Mahogany or Mission finish, hand rubbed, and carried on the side of the stand. It has thirteen grooves for holding plate holders . . . . . 1.50
- Extra Plate Holders for the Automatic Attachment, each . . . . . 2.00

NOTICE.—This Outfit must be ordered complete in order to obtain Outfit price; otherwise each part will be charged for separately at its respective price.

### SPECIFICATIONS

Length of Bellows, 19 inches; Front Board, 9 x 9 inches.  
Weight of Outfit complete, ready for shipment, 85 lbs.

Price of Outfit complete . . . . . \$65.00

## The New York Studio Outfit—Continued

### AUTOMATIC ATTACHMENTS

That can be used with the 8 x 10 New York Studio Outfit.

- No. 1—This Attachment is fitted with a Ground Glass and 5 x 7 Light Weight Curtain Slide Holder, and is similar in construction to the No. 5, with this exception: it can only be used for making negatives in an upright or vertical position—one exposure on a plate, with either 4¼ x 6½, 4¾ x 6½, or 5 x 7 Holder, as desired . . . . . \$13.50  
 Extra 5 x 7 Holders, each . . . . . 1.50
- No. 3—This Attachment is similar in construction to the No. 1, and is fitted with an 8 x 10 Light Weight Curtain Slide Holder. Kits are also provided for the purpose of using 6½ x 8½ or 7 x 10 dry plates. Two exposures can be made on either 4¼ x 6½, 4¾ x 6½, 5 x 7, 5 x 8, 6½ x 8½, 7 x 10, or 8 x 10 dry plates, but only in an upright or vertical position . . . . . 16.50  
 Extra 8 x 10 Holders, each . . . . . 5.00
- No. 5—This Attachment is fitted with a Ground Glass and Light Weight Reversible Curtain Slide Holder that will permit using 5 x 7 dry plates in either lengthwise or upright position. Holders can also be supplied for the use of plates 4¼ x 6½ and 4¾ x 6½ . . . . . 14.50  
 Extra 5 x 7 Holders, each . . . . . 2.00
- No. 8—This Attachment is fitted with Ground Glass and Light Weight Reversible Curtain Slide Holder for the use of 5 x 8 dry plates . . . . . 15.00  
 Extra 5 x 8 Reversible Holders, each . . . . . 3.00

### THE 11 x 14 OUTFIT IS MADE UP OF THE FOLLOWING :

- 1 11 x 14 No. 13 C polished Mahogany or Mission finish, Portrait Camera with telescopic bed, fitted with rubber bellows, the finest quality of ground glass and 11 x 14 Benster Curtain Slide Plate Holder . . . . . 63.25
- 1 No. 6. Automatic Attachment fitted with Ground Glass, small Light Weight Curtain Slide Reversible Holder that will permit using 5 x 7 plates in either lengthwise or upright position. Holders can also be supplied for use with plates 5 x 8, 4¾ x 6½, or 4¼ by 6½ . . . . . 16.50
- 1 No. 1 New York Camera Stand, in Mahogany or Mission finish, with long top, having only one hand-wheel for raising, lowering and tilting the top . . . . . 21.50
- 1 Holder Rack, in Mahogany or Mission finish, and carried on side of the stand. It has thirteen grooves for holding plate holders . . . . . 1.50  
 Extra Light Weight Plate Holders for the Attachment, each . . . . . 2.00

NOTICE.—This Outfit must be ordered complete in order to obtain Outfit price; otherwise each part will be charged for separately at its respective price.

### SPECIFICATIONS

Length of Bellows, 42 inches; Front Board, 9 x 9 inches.  
 Weight of Outfit complete, ready for shipment, 115 lbs.

Price of Outfit complete . . . . . \$93.50

## The New York Studio Outfit—Continued

### AUTOMATIC ATTACHMENTS

That can be used with the 11 x 14 New York Studio Outfit.

- No. 2—This Attachment is identical in construction to the No. 1 Automatic Attachment, except that the outside frame is made large enough so that it can be adapted to the 13 C 11 x 14 Portrait Camera that is supplied with this Outfit . . . . . \$14.50  
 Extra Holders, each . . . . . 1.50
- No. 4—This Attachment is identical in construction to the No. 3 with the exception that it can be adapted to the 13 C 11 x 14 Portrait Camera . . . . . 17.50  
 Extra Holders, 8 x 10, each . . . . . 5.00
- No. 6—This Attachment is identical in construction to the No. 5, with the exception that it is made to fit the 13 C 11 x 14 Portrait Camera . . . . . 16.50  
 Extra Holders, each . . . . . 2.00
- No. 7—This Attachment is fitted with a Ground Glass and 6½ x 8½ Reversible Light Weight Curtain Slide Holder, and can only be used with the 13 C 11 x 14 Portrait Camera . . . . . 17.50  
 Extra 6½ x 8½ Reversible Holders, each . . . . . 3.00
- No. 9—This Attachment is identical in construction with the No. 8, with the exception that the frame work is made large enough to fit the 13 C 11 x 14 Portrait Camera . . . . . 16.50  
 Extra Holders, each . . . . . 3.00
- No. 10—This Attachment is fitted with a Ground Glass and 8 x 10 Reversible Light Weight Curtain Slide Holder, and is similar in construction to the No. 7 . . . . . 23.50  
 Extra 8 x 10 Holders, each . . . . . 5.00

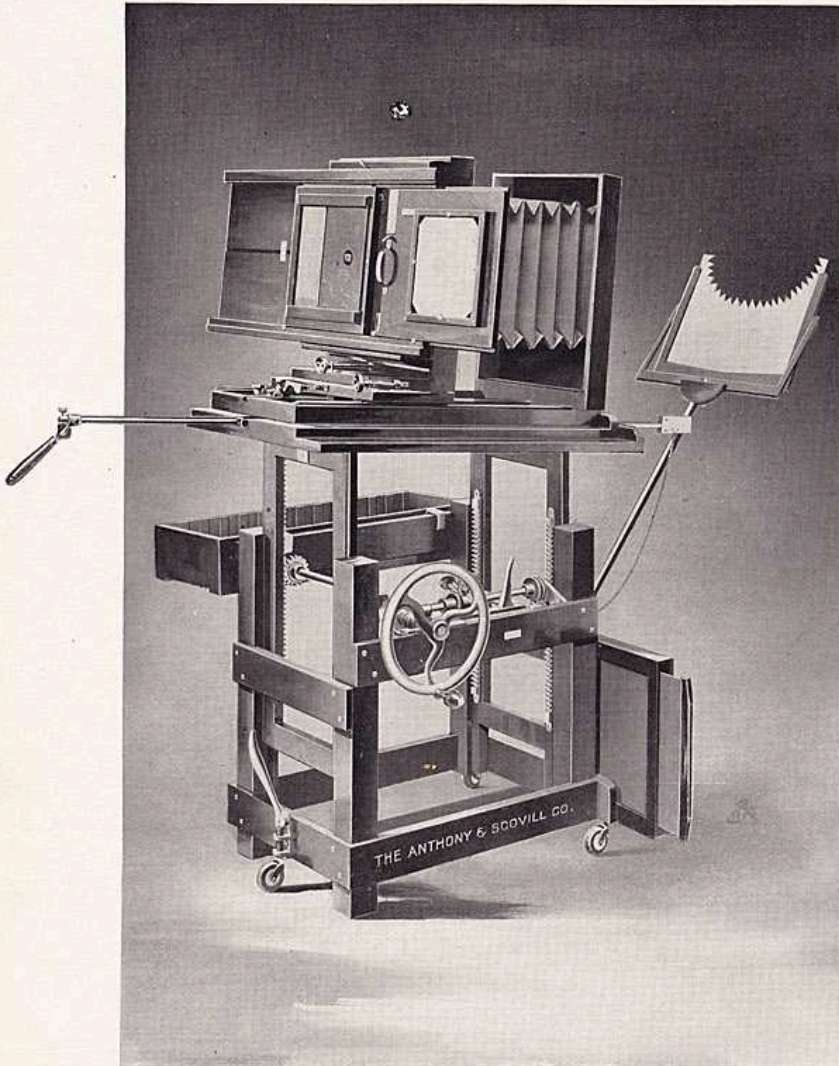
### EXTRA SHIFTING RODS

- No. 1—Automatic Attachment . . . . . .35  
 " 2 " " . . . . . .50

Automatic Attachments such as those described above, can be made for a 14 x 17 Portrait Camera at an additional charge of \$1.50 to the above prices, and for 17 x 20 and 20 x 24 cameras, an additional charge of \$3.00 will be made.

NOTICE.—Always order Attachments by number only, and state size of plates you wish attachment to take.

## The Greater New York Studio Outfit (In Mahogany)



## The Greater New York Studio Outfit

**T**HIS Outfit is the result of our experience in the manufacture of photographic apparatus and combines elegance and simplicity. It has the preference of the photographer and is an article in which our factory takes pride. It is the ideal equipment for a photographic studio in which neither taste nor expense has been spared. It stands alone as the greatest achievement in the construction of photographic apparatus, not only from the point of artistic beauty, but from the point of careful workmanship, which includes great care in the selection of the materials used in making the outfit. For instance, *the metal parts and gearings are all steel cut.* This means great expense, but the result justifies it. The woodwork of the camera, attachment, vignetter, rack and camera stand is made of the best and most carefully selected mahogany with hand finish. The bellows are made of the best rubber and the metal trimmings are of lacquered brass. The camera stand is inlaid with green baize of fine quality and the casters are leather rimmed. The general construction of this outfit outside of these features is the same as that of the regular New York Outfit.

THE 8 x 10 GREATER NEW YORK STUDIO OUTFIT IS MADE UP OF THE FOLLOWING:

- 1 8 x 10 Greater New York Mahogany Portrait Camera, with Benster Curtain Slide Holder . . . . . \$42.00
- 1 No. 5 Greater New York Automatic Attachment in Mahogany, fitted with 5 x 7 Reversible Light Weight Curtain Slide Holder 19.50
- 1 No. 1 Greater New York Camera Stand in Mahogany . . . . . 48.50
- 1 Mahogany Holder Rack . . . . . 3.75
- 1 Greater New York Farrand Vignetter in Mahogany . . . . . 16.50

NOTICE.—This Outfit must be ordered complete in order to obtain Outfit Price; otherwise, each part will be charged separate, according to its respective price.

We can supply the No. 1 Greater New York Automatic Attachment fitted with 5 x 7 Light weight Curtain Slide Holder for upright or vertical portraits if desired. Price \$18.00.

### SPECIFICATIONS

Camera Extension, nineteen inches.  
Size of Front Board 9 x 9 inches.  
Weight of outfit complete, ready for shipment, 102 lbs.

Price complete . . . . . \$125.00

## The Greater New York Studio Outfit— Continued

THE 11 x 14 GREATER NEW YORK STUDIO OUTFIT IS MADE UP OF THE FOLLOWING:

- I 11 x 14 Greater New York Mahogany Portrait Camera, with Telescopic Bed and Benster Curtain Slide Holder . . . . . \$70.00
- I No. 6 Greater New York Automatic Attachment in Mahogany, fitted with 5 x 7 Reversible Light Weight Curtain Slide Holder 24.50
- I No. 1 Greater New York Camera Stand in Mahogany, with long top . . . . . 58.00
- I Mahogany Holder Rack . . . . . 3.75
- I Greater New York Farrand Vignetter in Mahogany . . . . . 16.50

NOTICE.—The Outfit must be ordered complete in order to obtain the Outfit Price; otherwise each part will be charged separate, according to its respective price.

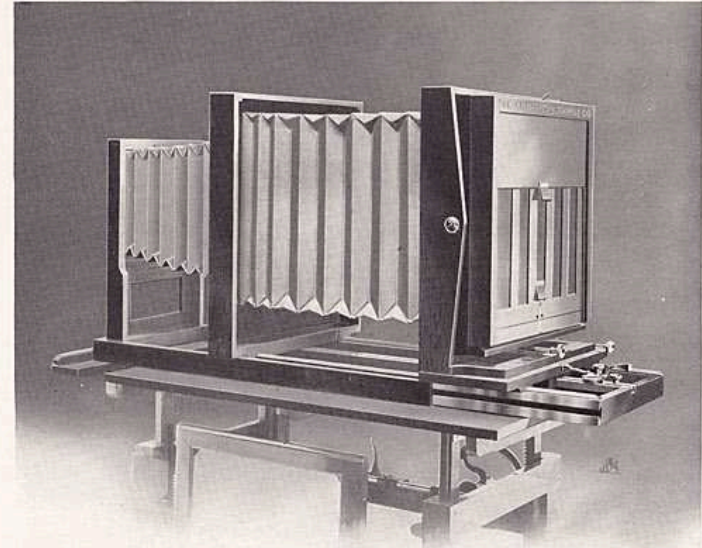
We can supply the No. 2 Greater New York Automatic Attachment with 5 x 7 Curtain Slide Holder for upright or vertical portraits if desired. Price, \$23.00.

### SPECIFICATIONS

Camera Extension, forty-two inches. Size of Front Board, 9 x 9 inches.  
Weight of outfit complete, ready for shipment, 132 lbs.

Price complete . . . . . \$150.00

## Climax Portrait Camera



EVERY well equipped gallery should possess a high grade camera to produce large direct work, and to meet this requirement, we manufacture a Climax Portrait camera fitted with a Benster plate holder, manufactured in the most substantial manner from the best mahogany, embodying all the latest improvements such as double swing back, tangent screw motion, telescopic bed and Lever Attachment, by which the most accurate adjustment of focus may be instantly obtained.

The camera is constructed with two sections of bellows with central frame supporting them, so as to provide the camera with an extra length of bellows extension.

This camera can be fitted with attachments as described on pages 76 to 79 at additional prices quoted for the attachments. Smaller size Benster holders can also be used by means of an adapter at a small additional cost.

### SPECIFICATIONS

11 x 14, Camera Extension 42 inches; 11 x 14, Size of Front Board 9 x 9 inches  
14 x 17, " " 54 " 14 x 17, " " " 9 x 9 "  
Weight packed ready for shipment, 11 x 14 115 lbs.  
" " " " 14 x 17 225 "



Sizes larger than 14 x 17, up to and including 25 x 30, are made to order only.

The time required to make a camera is four weeks

*Price*

No. 13 B	11 x 14	.....	\$ 72.00
" 14 "	14 x 17	.....	85.00
" 15 "	17 x 20	.....	105.00
" 16 "	18 x 22	.....	115.00
" 17 "	20 x 24	.....	125.00
" 18 "	22 x 27	.....	160.00
" 20 "	25 x 30	.....	220.00

## The American Optical Company's Boston Imperial Camera

### EXTRA QUALITY

**T**HIS camera is the same as the Climax Portrait camera, with the addition of an attachment fitted with an 8 x 10 holder. The attachment will make two imperials on an 8 x 10 plate, using one 8 x 10 lens; two cartes-de-visite on a 5 x 8 plate using half size lens; two large panel pictures, 8 x 10 inches in size can also be made and the camera used without the attachment will produce photographs from 11 x 14 down to 1/4 size inclusive.

The attachment consists of a back with hinged ground glass, which permits the holder to slide laterally from right to left and from left to right.

The Boston Imperial cameras are fitted with Waterbury curtain slide holders, unless Bonanza or Benster holder is specifically mentioned by the purchaser at the time the order is given.

The sizes above 11 x 14 are made to order only and it takes four weeks to make a camera.

### SPECIFICATIONS

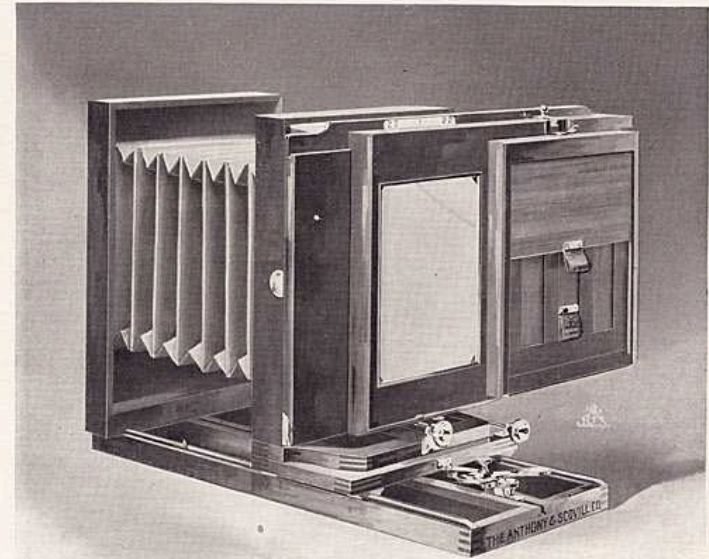
11 x 14	Length of Bellows,	22 in.	11 x 14	Size of Front Board	9 x 9
14 x 17	"	"	54 "	14 x 17	" " 9 x 9
17 x 20	"	"	59 "	17 x 20	" " 10 x 10
18 x 22	"	"	65 "	18 x 22	" " 10 x 10
20 x 24	"	"	71 "	20 x 24	" " 10 x 10

Weight packed ready for shipment			
11 x 14	"	"	75 lbs.
14 x 17	"	"	90 "
17 x 20	"	"	225 "
18 x 22	"	"	275 "
20 x 24	"	"	355 "

*Price*

11 x 14 with 8 x 10 Attachment and Holder	.....	\$ 95.00
14 x 17 " " " "	.....	110.00
17 x 20 " " " "	.....	120.00
18 x 22 " " " "	.....	130.00
20 x 24 " 11 x 14 " "	.....	150.00

## New Royal Camera



**T**HIS camera which is made of the best mahogany and is of the highest quality finish in every respect, has all the latest improvements and does precisely the same work as an Imperial camera. It differs from the Imperial camera and other Portrait cameras in that it has a carriage or back on which the holder and ground glass slide so as to focus and bring the plate holder in position without either detaching the ground glass or the plate holder. The ground glass is simply slid or shifted so as to bring the plate holder in place.

The Royal attachment can be removed from the camera; then the Benster holder can be used on the camera itself; a separate 8 x 10 ground glass and frame being supplied with the camera for the purpose. Any of our separate attachments as described on pages 76 to 79 can be used in connection with this camera if desired.

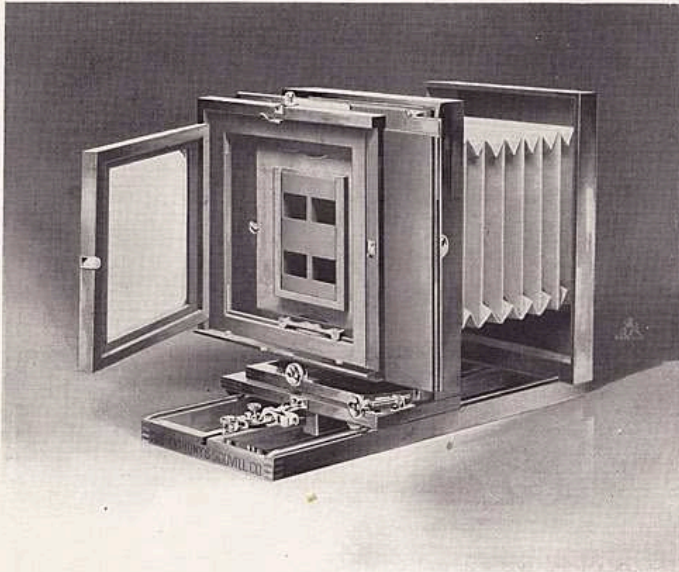
### SPECIFICATIONS

8 x 10 Camera Extension, 22 inches; Size of Front Board 9 x 9 inches  
8 x 10 Weight when packed ready for shipment . . . . . 75 lbs.

*Price*

8 x 10 size complete . . . . . \$58.00

## Climax Imperial Portrait and Gem Camera



(No. 43 C)

**T**HIS camera is also a combination negative and ferrotype camera. The back slides laterally by means of a carriage movement, for the purpose of multiplying exposures on one plate. It possesses all the late improvements in Portrait cameras, including Lever Focusing attachment for accurate focusing. It is fitted with a rabbetted holder  $13\frac{3}{4} \times 13\frac{3}{4}$  and kits for dry plate and ferrotype work. A Benster holder however, may be used with this camera if desired.

With one lens  $6\frac{1}{2} \times 8\frac{1}{2}$  or  $8 \times 10$  it will make a negative either vertical or horizontal from  $8 \times 10$  down to  $4\frac{1}{2} \times 6\frac{1}{2}$ . It will also make two cabinet size pictures on an  $8 \times 10$  plate or two  $5 \times 7$  on two  $5 \times 7$  plates. With a  $\frac{1}{4}$  or  $\frac{1}{2}$  size lens it can be used for copying and enlarging up to  $8 \times 10$ . With four  $\frac{1}{4}$  Gem lenses and brass plate, it makes eight large bon-ton or card size pictures on  $7 \times 10$ ; also four of the same size on a  $5 \times 7$ ; and eight small bon-tons on  $5 \times 7$ .

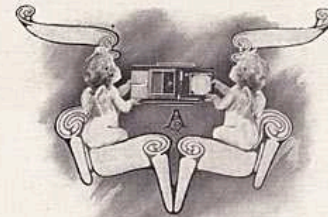
### SPECIFICATIONS

Camera Extension, 22 inches. Size of Front Board,  $9 \times 9$  inches.

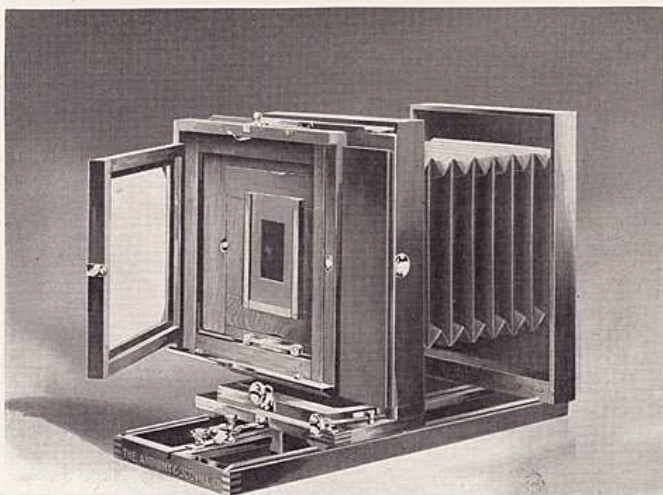
Weight packed ready for shipment, 90 lbs.

#### Price

No. 43 C without Lens . . . . .	\$28.00
" 43 C fitted with a Benster Plate Holder instead of a rabbetted Holder, without Lens . . . . .	34.00
" 4- $\frac{1}{4}$ Gem Tubes on brass plate to fit either of above Cameras . . . . .	15.00



## Climax Imperial Camera



**T**HIS camera is known as the 19 C and has been on the market for a great many years, thus proving its efficiency for the work for which it is intended. It is a mahogany camera, but with a varnish finish instead of polished. It is fitted with a Benster holder measuring  $13\frac{3}{4} \times 13\frac{3}{4}$ . It has a sliding back for making two cabinets on an 8 x 10 plate, or two cartes-de-visite on a smaller plate. It also takes a portrait of maximum size 8 x 10 on an 8 x 10 plate. The carriage movement of the back is worked on our patent rollers. It is provided with double swing back, Lever Focusing attachment and is in every particular a high grade camera.

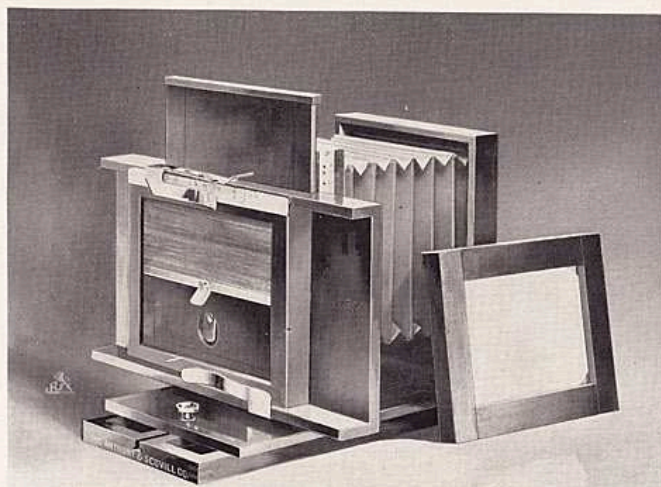
### SPECIFICATIONS

Camera Extension, 22 inches. Size of Front Board 9 x 9  
Weight packed ready for shipment, 50 lbs.

### Price

8 x 10 without divisions . . . . .	\$32.00
Extra Bellows . . . . .	6.00

## Climax Multiplying Camera



**M**ANY galleries all over the country have found it a good advertisement as well as a profitable venture in itself to make small pictures at a reduced price. For that purpose we designed the Climax Multiplying camera, which makes 1, 2, 3, 4, 6, 12 or 24 pictures on a 5 x 7 plate. To adjust a camera for either of the combinations above mentioned, it is simply necessary to slide the back of the camera. This camera is very useful for children's pictures or where a number of small negatives of the same subjects are to be made quickly.

### SPECIFICATIONS

Camera Extension, 13 inches. Size of Front Board, 5 x 5 inches.

### Price

Camera including Diaphragms, Ground Glass and Plate Holder . . . . .	\$12.50
Extra Holders, each . . . . .	2.00
Extra Bellows . . . . .	2.00

## Anthony's Penny Picture Outfit

FOR making 1, 2, 3, 4, 6, 12, or 24 pictures on a 5 x 7 plate. This Outfit consists of a Climax Multiplying camera fitted with a  $\frac{1}{4}$  Gem Portrait tube, and an Iron Centre camera stand. For illustration of this camera refer to page 37.

This camera is an indispensable adjunct to every well appointed studio. A simple sliding movement of the camera back, adjusts it to use for either of the combinations above named. It is very useful for children's pictures, or where a number of small negatives of the same subject are to be made quickly.

Price of the complete Outfit . . . . .	\$18.00
Price of Camera with extra Diaphragms, Ground Glass and Plate Holder, but without Lens or Stand . . . . .	12.00
Extra Holders, each . . . . .	2.00

### FERROTYPE OUTFITS

We detail a few outfits for the benefit of those who are unacquainted with the necessary apparatus and supplies.

#### FERROTYPE OUTFIT D FOR \$60

For four or eight on 5 x 7 plate, with four tubes, and one or two on 5 x 7 plate, with one tube.

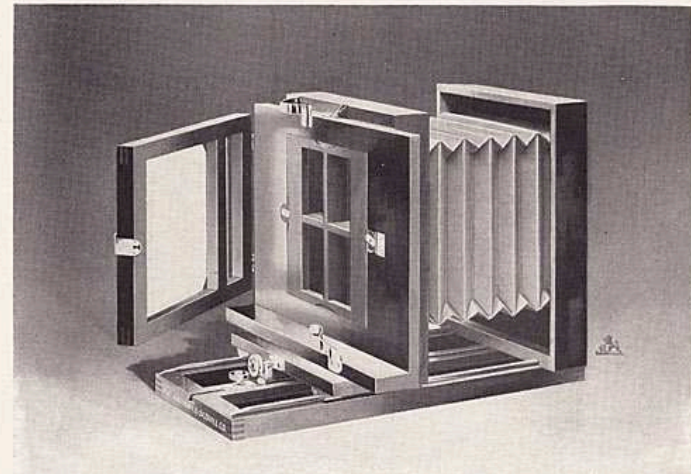
- |   |  |
|---|--|
| 1 5 x 7 Victoria Camera, fitted with 4 1-4 Tubes. | 1 7 x 10 Glass Bath.                     |
| 1 $\frac{1}{2}$ E. A. Portrait Lens.              | 1 No. 5 Rubber Dipper.                   |
| 50 10 x 14 Ferro. Plates.                         | 1 pint Silver Bath Solution.             |
| 500 No. 11 Envelopes.                             | 1 LOT SUNDRIES, AS FOLLOWS:              |
| 1 Iron Centre Camera Stand.                       | 1 tall Centennial Head Rest.             |
| 2 $\frac{1}{2}$ -pint Glass Funnels.              | $\frac{1}{2}$ lb. New Ferro. Collo.      |
| 1 Effective Collo. Vial.                          | 1 lb. Acetic Acid.                       |
| 1 3-oz. Graduate.                                 | 1 lb. Iron.                              |
| 1 Alcohol Lamp.                                   | 1 pint Alcohol.                          |
| 1 box Dry Colors and Brushes.                     | $\frac{1}{4}$ lb. Cyanide Potass.        |
| $\frac{1}{2}$ pint jar Professional Paste.        | 1 bottle Diamond Varnish.                |
| 1 1-in. Paste Brush.                              | 2 oz. Absorbent Cotton.                  |
| 1 Quill Duster.                                   | 1 copy "Estabrooke's Ferrotypes Manual." |

#### FERROTYPE OUTFIT E FOR \$87.50.

For making four or eight on 5 x 7 plate, with four tubes and single pictures from 8 x 10 to  $3\frac{1}{4}$  x  $4\frac{1}{4}$ , or two on 8 x 10, with one lens.

- |   |                                      |
|---|--------------------------------------|
| 1 43C Portrait and Gem Camera, fitted with 4 1-4 Tubes. | 1 9 x 12 glass Bath.                 |
| 1 $6\frac{1}{2}$ x $8\frac{1}{2}$ E. A. Portrait Lens.  | 1 No. 5 Rubber Dipper.               |
| 50 10 x 14 Ferro. Plates.                               | 1 quart Silver Bath Solution.        |
| 500 No. 11 Envelopes.                                   | 1 Lot Sundries, same as in Outfit D. |

## 5 x 7 Improved Victoria Camera



THIS is the popular camera for ferrotypes work, for making 5 x 7,  $4\frac{1}{4}$  x  $5\frac{1}{2}$  and  $3\frac{1}{4}$  x  $4\frac{1}{4}$  pictures, either vertically or horizontally. It will also make four or eight pictures on a 5 x 7 plate with Gem lenses. The camera is made of mahogany with shellac finish; has rabbetted holders and kits.

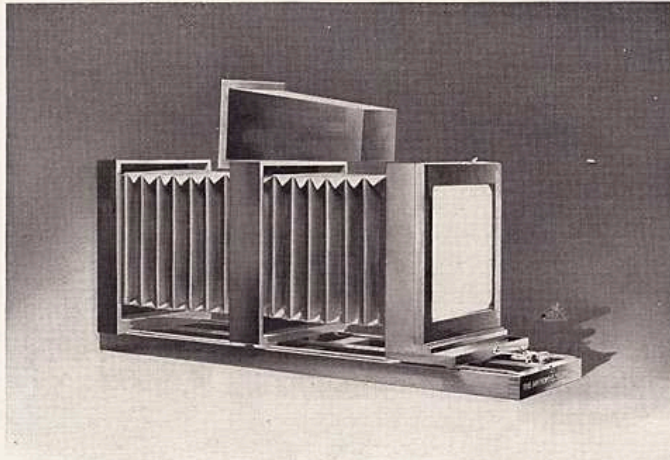
### SPECIFICATIONS

Camera Extension, 13 inches. Size of Front Board,  $7\frac{1}{2}$  x  $7\frac{1}{2}$  inches.

#### Price

Without Lenses . . . . .	\$12.75
With four $\frac{1}{4}$ Gem Lenses on brass plate . . . . .	27.75
Extra Diaphragms for 9 or 18 on a 5 x 7 Plate . . . . .	2.00
Extra Holders . . . . .	5.00
Extra Bellows . . . . .	2.00

## O I C Copying Camera



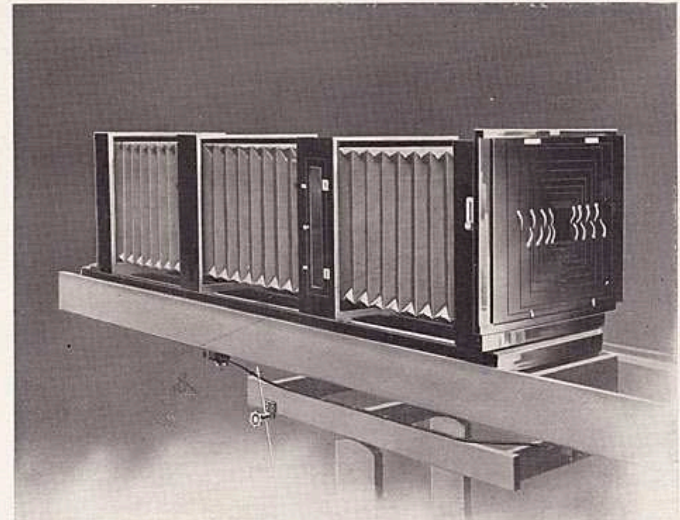
**T**HIS camera is made of mahogany, varnish finish, with extra long rubber bellows, supported with central frames and extending on wooden guides, provided with focusing screw and sliding front. This camera is fitted either with a Benster holder, Anthony Screen plate holder or the Scovill-Levy Screen plate holder, at the option of the purchaser. Each of the before mentioned holders is provided with a silver saving bottle.

Weight packed ready for shipment	8 x 10	90 lbs.	10 x 12	135 lbs.
" " "	11 x 14	185 "	14 x 17	230 "
" " "	17 x 20	275 "	18 x 22	315 "
" " "	20 x 24	355 "		

### PRICE

No.	Camera Extensions	Size	With Benster Holder	With Half-tone Screen Holder
28	39 inch.	8 x 10	\$ 36.00	\$ 54.25
29	42 "	10 x 12	45.00	65.50
30	48 "	11 x 14	56.00	80.00
31	54 "	14 x 17	69.00	95.00
32	66 "	17 x 20	76.00	103.50
32½	78 "	18 x 22	90.00	120.00
33*	Made to order only	20 x 24	120.00	150.00

## Climax Enlarging, Reducing and Copying Camera



**T**HE ANTHONY & SCOVILL Enlarging, Reducing and Copying camera has always occupied a unique position in the camera market. Long before the advent of the process of photo-engraving photographers were all of one opinion as to the unapproachable quality of this Copying camera.

The form of construction of this camera is made apparent by the illustration here shown. An important feature which is found in no other, is that the centre 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.

This camera is made with a rich varnish finish with polished brass trimmings and extra heavy rubber bellows. It is supplied with a Benster holder, Anthony Screen plate holder or the Scovill-Levy Screen plate holder at the option of the purchaser, and a silver saving bottle is provided with each of the before mentioned holders.

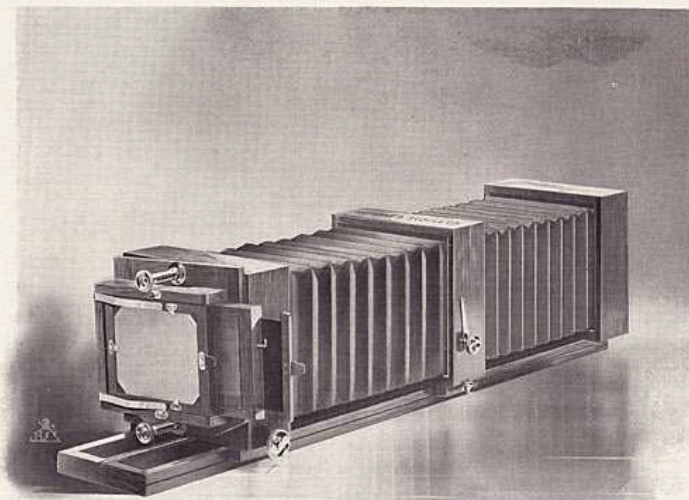
PRICE

Size	Camera Extensions	With Benster Holder	With Half-tone Screen Holder
8 x 10	54 inches	\$ 41.75	\$ 60.00
10 x 12	66 "	59.50	80.00
11 x 14	78 "	71.00	95.00
14 x 17	90 "	91.00	117.00
17 x 20	102 "	110.50	138.00
18 x 22	112 "	121.00	151.00
20 x 24	114 "	136.00	166.00

WEIGHT PACKED READY FOR SHIPMENT

Camera Size . . . . . 8 x 10 . . . . .	115 lbs.	10 x 12 . . . . .	140 lbs.
" " . . . . . 11 x 14 . . . . .	190 "	14 x 17 . . . . .	230 "
" " . . . . . 17 x 20 . . . . .	280 "	18 x 22 . . . . .	320 "
" " . . . . . 20 x 24 . . . . .	360 "		

## Anthony's Lantern Slide Camera



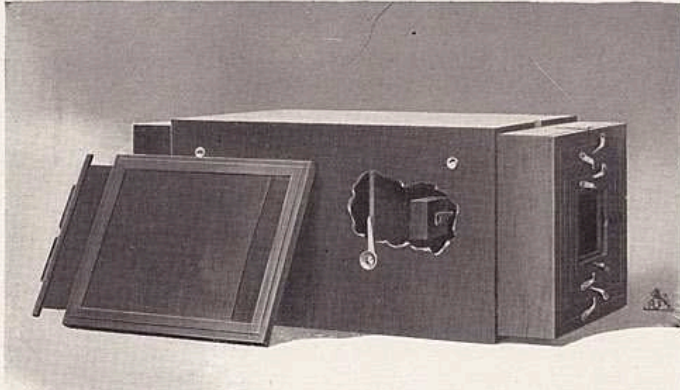
FOR copying 4 x 5 negatives, or smaller, on  $3\frac{1}{4}$  x 4 or  $3\frac{1}{4}$  x  $4\frac{1}{4}$  plates for use in the lantern. This camera, made with special reference to transparency work, is provided with an oscillating frame carriage for ground glass and plate holder, to facilitate the adjustment of picture on plate.

It is well made, light, and simple of construction, and unsurpassed for excellence and convenience.

An important feature in this camera, found in no other, is that the centre-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.

Price . . . . . \$15.00  
 Extra Holder . . . . . 1.50

## The Brighton Enlarging and Copying Camera for Plates or Paper



**T**HIS camera will copy or enlarge negatives up to 8 x 10 and will also make bromide enlargements up to 8 x 10. It consists of two boxes within an outer case, both of which may be drawn out to meet the desired focus.

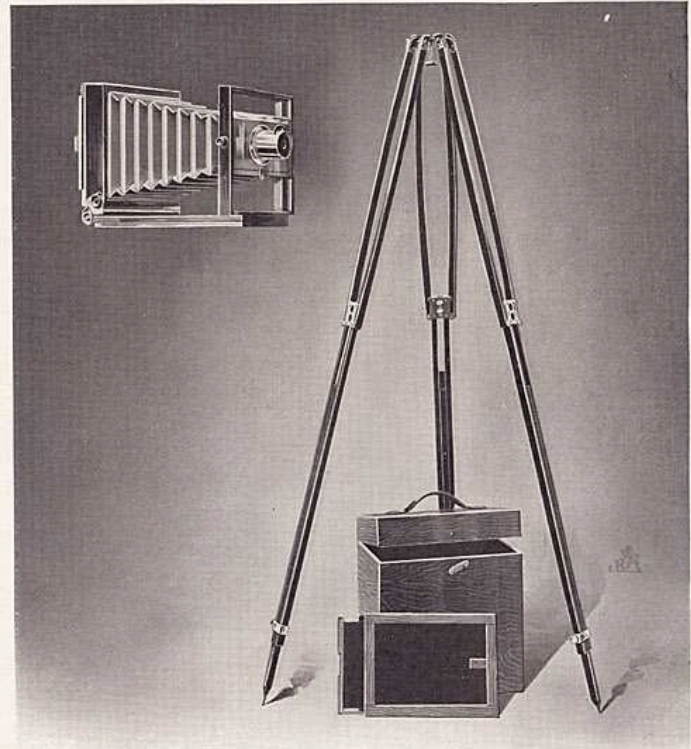
The price includes lens and shutter; the shutter operating from the outside of the camera. The front of camera has a nest of kits from 4 x 5 up to 8 x 10, but in enlarging no larger negative than 4 x 5 should be used.

To copy, draw out the front box, which leaves a copying camera, and focus with the rear box.

This camera sells for such a low price that no amateur should be without it. Every good negative is worth enlarging.

Price Complete . . . . . \$13.50

## Champion Equipment



**T**HE camera included in this equipment is of mahogany, with fine varnish finish and lacquered brass trimmings, and is provided with reversible back, folding bed, rising front and swing back. In addition to the above camera, the equipment includes one patent Zephyr double dry plate holder, carrying case, fine Single Achromatic lens and Anso Junior tripod for the 5 x 7 size. The 6½ x 8½ and 8 x 10 equipments include a No. 1 Anso Tripod.

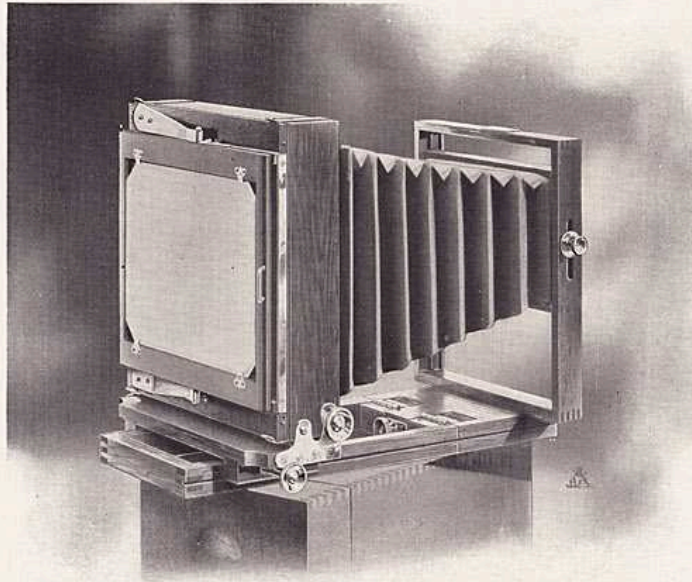
Size of View, inches . . . . .	5 x 7	6½ x 8½	8 x 10
Camera Extension . . . . .	12 in.	14 in.	20 in.
Price . . . . .	\$11.00	\$15.00	\$20.00

A pair of stereo lenses, mounted on extra front board, with shutter and partition for any size of above camera . . . . . \$7.50

SIZE OF FRONT BOARD	5 x 7	3¼ x 5¼ in.	\$3.00 each
	6½ x 8½	5 x 5 "	.40 "
	8 x 10	5 x 5 "	.50 "

PRICE OF EXTRA BELLOWS	5 x 7	\$3.00
	6½ x 8½	4.50
	8 x 10	5.50

## The N. P. A. Camera



**T**HIS is intended for the same work as specified for the Clifton camera, but designed so as to sell at an exceedingly low price. Nevertheless it is a well made camera of seasoned mahogany, provided with a reversible and patent swing back, rising front, and folding bed. The price includes an extra front or lens board. It is highly polished and is fitted with nickeled trimmings.

The price includes one Zephyr double dry plate holder and a carrying case.

### SPECIFICATIONS

Weight of Camera	5 x 7, 5½ lbs.	6½ x 8½, 7½ lbs.
" "	8 x 10, 10 lbs.	
Size of Front Board	5 x 7, 3¼ x 5¾ in.	6½ x 8½, 5 x 5 in.
" "	8 x 10, 5 x 5 in.	
Camera Extension	5 x 7, 12 in.	6½ x 8½, 14 in.
" "	8 x 10, 20 in.	

#### Price

5 x 7 . . . . .	\$9.50	6½ x 8½ . . . . .	\$13.50	8 x 10 . . . . .	\$18.50
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#### Price

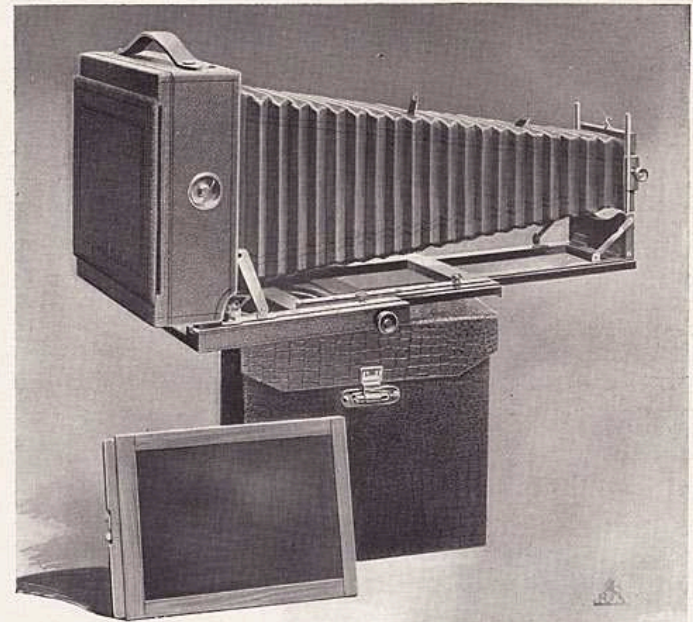
#### EXTRA FRONT BOARDS

5 x 7 . . . . .	\$ .30
6½ x 8½ . . . . .	.40
8 x 10 . . . . .	.50

#### EXTRA BELLOWS

5 x 7 . . . . .	\$3.00
6½ x 8½ . . . . .	4.50
8 x 10 . . . . .	5.50

## The Ansco Compact Dry Plate Camera



**S**MALL hand cameras such as represented by the line of Ansco cameras up to 4 x 5 will be found to meet nearly all the requirements of the amateur photographer. When a larger picture is thought desirable, a Bromide enlargement adds sometimes to the artistic quality of the picture, but there are cases where a larger camera may be a necessity, especially when the pictures are needed for reproduction—that is, for illustration purposes. A reduction from a larger negative will make the best half-tone engraving. In other words, for general commercial work, a special type of camera is needed.



To meet the requirements of the advanced photographer and for use with lenses of more than one focus, we have designed the Compact camera. As its name indicates, it is exceedingly compact, and this advantage of compactness and portability is secured by a new design rather than by any sacrifice of rigidity and strength.

The Compact camera is provided with a swing back on the latest improved lines, easily operated by set screws outside the camera. It can be adjusted to any angle instantly.

This camera is of the long focus type and has a reversible back of a new design, which when once in position is locked securely. The bellows is of triple extension. The bellows racks out by means of a double track-bed, reinforced with metal, which assures absolute rigidity when using the camera fully extended.

The rack and pinion is adjusted with a great degree of accuracy for fine focusing.

It is made of solid mahogany throughout, dovetailed, highly polished and covered with seal grain leather and has a reinforced handle.

All the metal parts except the tripod top are made of brass, polished and lacquered. The tripod top is heavily nicked. The bellows is made of red Russia leather,

SPECIFICATIONS

MEASUREMENTS		CAMERA EXTENSION	
5 x 7	3' x 8¼" x 8¼"	5 x 7	20½ inches
6½ x 8½	3½ x 10¼ x 10¼	6½ x 8½	25 inches
8 x 10	3½ x 11¼ x 11¼	8 x 10	29 inches

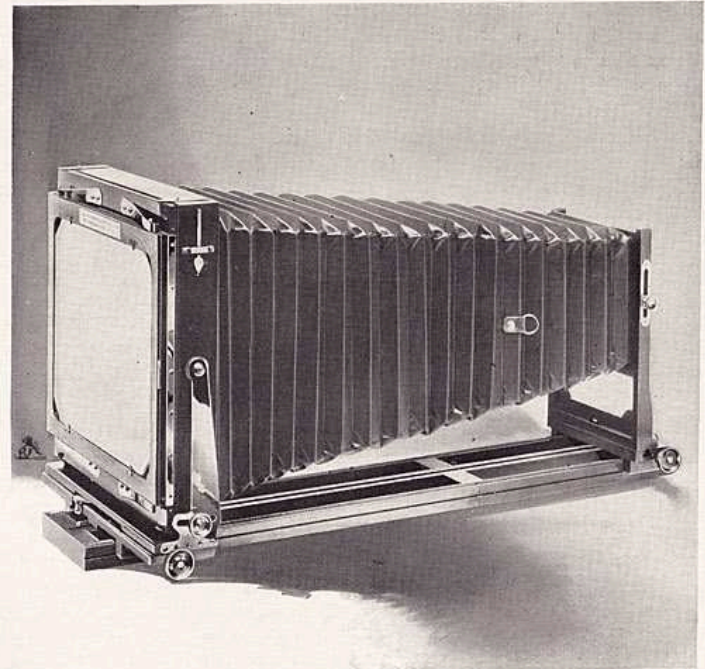
MEASUREMENTS OF FRONT BOARD			
5 x 7	2½ x 2½	Extra Front Boards, each	\$.30
6½ x 8½	3½ x 3½	" " "	.40
8 x 10	4½ x 4½	" " "	.50

WEIGHT	
5 x 7	6½ lbs.
6½ x 8½	8½ "
8 x 10	11 "

PRICE OF EXTRA BELLOWS	
5 x 7	\$4.75
6½ x 8½	6.25
8 x 10	7.50

CAMERA, WITHOUT LENS OR SHUTTER PRICE	
5 x 7	\$28.00
6½ x 8½	34.00
8 x 10	38.00

The Clifton Long Focus Camera



TRIPOD field cameras were at one time used exclusively both by the amateur and commercial professional photographer. A camera of this type intended exclusively for the amateur, differed but slightly from that designed for the photographer doing professional work on professional lines; but hand cameras have entirely superseded the field tripod camera for the amateur's use. The commercial photographers and amateurs, however, doing large direct work for the purpose already outlined in description of the Ansco Compact camera, must still cling to this type of instrument, and to meet that demand we designed the Clifton camera, which combines all the good features of the discarded field tripod camera made for the amateur.

This camera is compact, rigid and simple in its mechanism. Every part is held in place by the best device that experience furnishes. It has a front and back focus, the latter making possible the use of extreme wide angle lenses. It has a double swing back, double swing front, reversible back, sliding and rising front, spring actuated ground glass, and the front board is of a

relatively large size, which makes it possible for the camera to be fitted with almost any special lens, provided it is not a portrait lens of the old type, with a large and heavy barrel.

This camera is handsome in appearance; constructed of the very best material and is fitted with a Zephyr holder, which is the most practical holder made in this country. One of the particularly desirable features of the Zephyr holder is the fact that it opens at one end to allow the plate or plates to slide in or out.

This camera is provided with double extension leather bellows, for use with telephoto lenses, and also to be used when the back combination of the lens is employed, so as to magnify distant views. For the convenience of carrying and preserving this camera, it is sold with a well made and substantial canvas carrying case.

**SPECIFICATIONS**

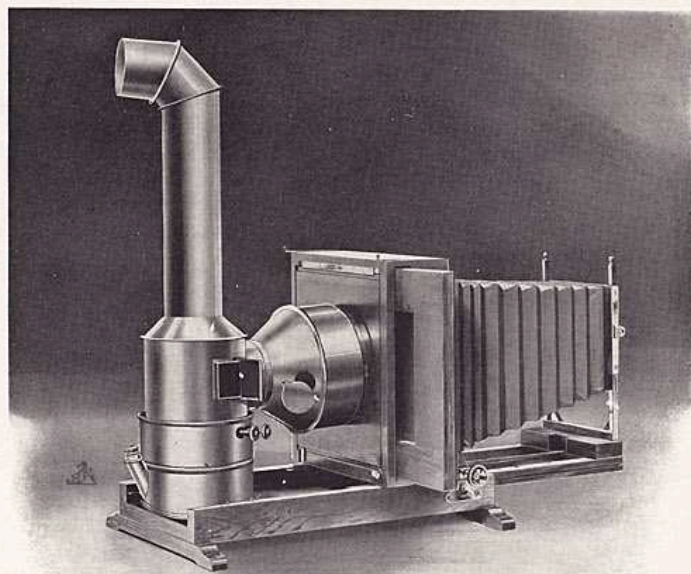
MEASUREMENTS WHEN CLOSED		SIZE OF FRONT BOARD	
6½ x 8½	5½ x 12¼ x 10½	6½ x 8½	5 x 5 . . . . . \$ .40
8 x 10	5½ x 13¾ x 12	8 x 10	5 x 5 . . . . . .50
11 x 14	6¼ x 16¼ x 18¼	11 x 14	. . . . . .80
14 x 17	7¼ x 21¼ x 23¼	14 x 17	. . . . . .80

BELLOWS WHEN EXTENDED		EXTRA BELLOWS	
6½ x 8½	24 inches	6½ x 8½	. . . . . \$ 6.25
8 x 10	25 "	8 x 10	. . . . . 7.50
11 x 14	30¼ "	11 x 14	. . . . . 8.50
14 x 17	37 "	14 x 17	. . . . . 10.50

WEIGHT OF CAMERA WITH HOLDER AND CARRYING CASE	
5 x 7 . . . . .	7¼ lbs.
6½ x 8½ . . . . .	9½ "
8 x 10 . . . . .	10½ "

PRICE OF CAMERAS WITHOUT LENS	
5 x 7 . . . . .	\$24.00
6½ x 8½ . . . . .	28.00
8 x 10 . . . . .	35.00
11 x 14 . . . . .	48.00
14 x 17 . . . . .	60.00

**Cooper's Universal Enlarging Lantern**



**T**HE cuts give an admirably clear idea of the Universal Lantern, and at a glance any one acquainted with the mechanism of projecting lanterns will see its advantages. With only a passing reference to the camera and front, the use of which is obvious, your attention is called to the apparatus for illumination, which is by all odds the most important feature of any enlarging lantern.

The lamp, which is intended for use with kerosene, is provided with a double-wick burner, and is provided with a close-fitting chimney base, fitted with an aperture covered with non-actinic glass, intended both for dark-room illumination, and for observing the height of the flames. A conical light-conductor connects the lamp with the condensing lenses, and is made to telescope, so as to adjust the light accurately to the focus of the condensers. This light-conductor has an aperture at the side covered with a movable metallic disk, and is intended to admit of the operator finding the centering point of his flame on the condensers. This he will see at a glance by the

reflector. The lamp is not rigid, but can be revolved so as to bring the flame in any desired position. Some negatives require a more intense light than others, and experience will show how to arrange the light for any particular occasion.

The form of this lantern is such that all heat passes upward through the chimney, and as there is no boxing around the apparatus it is always cool and all risk of breaking lenses or negatives is avoided. The change from the use of artificial light to daylight is better shown in the cut than described in writing. With this lantern and a half-inch stop in a half-size portrait lens, life-size bromide enlargements from cabinet negatives may be easily made in from thirty-five seconds to one minute, according to density of negative.

The design of this lantern is the result of long practical experience with various methods of illumination for enlarging, and we can guarantee its giving results as perfect as the electric light at a cost that makes comparison ridiculous. This lantern is also admirably suited for slide projection, and is therefore of double value to societies and colleges.

Any double combination lens may be used as an objective with this lantern—a portrait lens for enlarging portraits and landscape lens for landscapes.

This lantern may be transformed into an 8 x 10 portrait or copying camera by the addition of an adapter, double dry plate holder, and ground glass, at an extra expense of \$10.00

Price, without objective (fitted with two 5½ in. condensers) . . . . .	\$45.00
" " " 8 " " " . . . . .	64.00
" " " 9 " " " . . . . .	78.00
" " " 10 " " " . . . . .	88.00

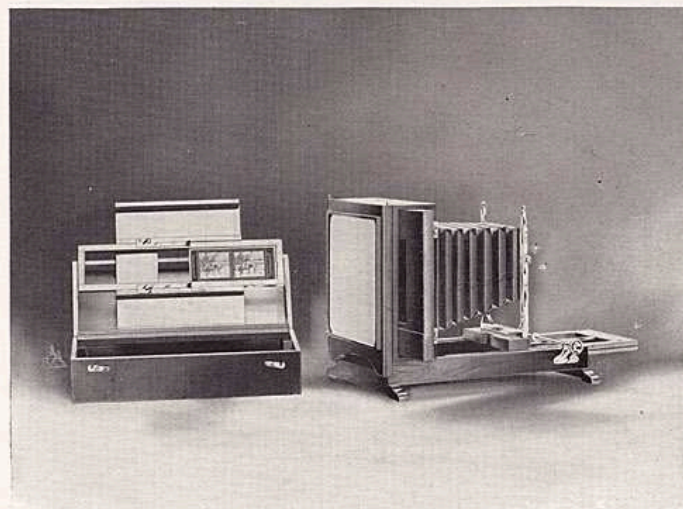
For Daylight Enlarging: Remove the lamp and condensers, rack the front inward as far as it will come, then raise the back of the bellows-bearing frame from its position to the back of the bed-board, on which it will be securely held by the screw heads which fit into the keyhole slots corresponding. Remove the front in the same way and set it back on the screws designed for it, which will be found on the removable bed operated by the rack work. Attach the ground glass frame to the back, and the instrument is ready for use. A dark-room with an aperture in the window allowing the ground glass end to fit firmly so as to exclude all outside light, but allowing an unobstructed view of the sky, is the most satisfactory.

If you cannot get a clear view of the sky, use a mirror at a proper angle to reflect the sky above. White card-board reflectors may be used, but nothing equals the mirror. A shelf should be fastened to the window to support the weight of the camera.

Used as a Copying or Portrait camera: Besides the double use for artificial or daylight work, this camera may be fitted with an attachment by which it can be quickly and easily adapted to the purposes of a copying or portrait camera. The camera being put together as in use for daylight enlarging, the ground glass and carrier are removed, and in their place a regular camera back is buttoned on. This is provided with a double dry plate holder 8 x 10, which is slid into position under the ground glass, as shown in the cut. For ordinary work up to 8 x 10 in the gallery, this is as any camera made.

Price of Attachment, with 8 x 10 Double Dry Plate Holder, in addition to cost of Lantern . . . . . \$10.00

## Magic Lantern Attachment to Cooper's Enlarging Lantern

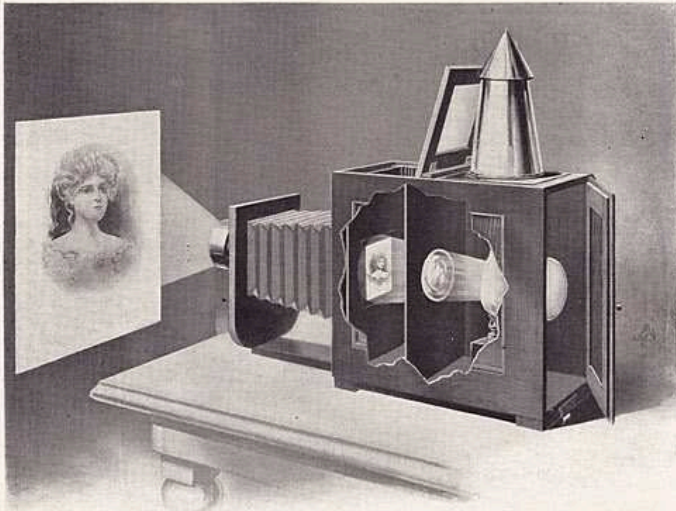


**T**HIS cut represents the attachments which may be used for the exhibition of slides of views or scientific subjects, and makes the apparatus complete and specially suited to the use of schools, colleges and societies.

Consists of frame, six carriers, and box.

Price . . . . . \$7.50

## Anthony's Patent Improved Enlarging Lantern

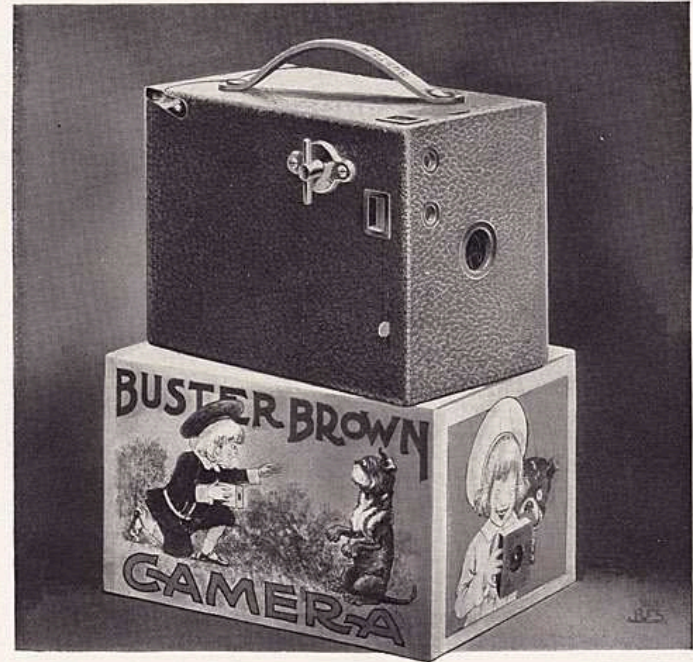


**T**HE great merit of this new enlarging camera is its simplicity of construction, economy, and practical usefulness. It is intended for making enlargements on bromide paper by artificial light, requiring only from sixty to ninety seconds' exposure for a life-size head.

Grooves in the interior admit of changing the relative positions of the negative and the two  $\frac{5}{8}$  inch condensing lenses. It is very compact, the size being 22 x 15 x 8 inches. It can also be used as a copying camera for making lantern transparencies; also as a dark-room lantern, by using the sides which are fitted with non-actinic glass panels.

Price, without projecting lens . . . . . \$24.00  
Including one-quarter size E. A. portrait lens . . . . . 32.50

## The No. 2 Buster Brown



For Pictures  $2\frac{1}{4}$  x  $3\frac{3}{4}$  inches ; adapted  
for six exposure Film.

Dimensions,  $3\frac{1}{2}$  x  $4\frac{1}{4}$  x  $5\frac{1}{2}$  inches ; weight, 11 ounces.

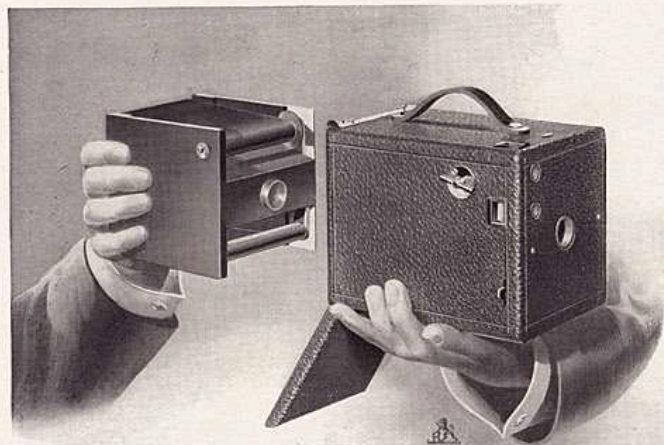
**T**HIS camera is not a toy. It is accurate and reliable in every respect and was designed with special reference to the wants of boys and girls, and having in mind the requirements of a child full of fun, as represented by the Buster Brown sketches.

It is fitted with a fine quality lens and shutter for both snap-shot and time exposures.

### Price

No. 2 Buster Brown . . . . . \$2.00  
Carrying Case . . . . . .75  
Six Exposure Film,  $2\frac{1}{4}$  x  $3\frac{3}{4}$  . . . . . .20  
Developing and Printing Outfit . . . . . 1.50

## The No. 3 Buster Brown



For Pictures  $2\frac{1}{4} \times 3\frac{1}{4}$  inches ; adapted  
for six exposure Film.

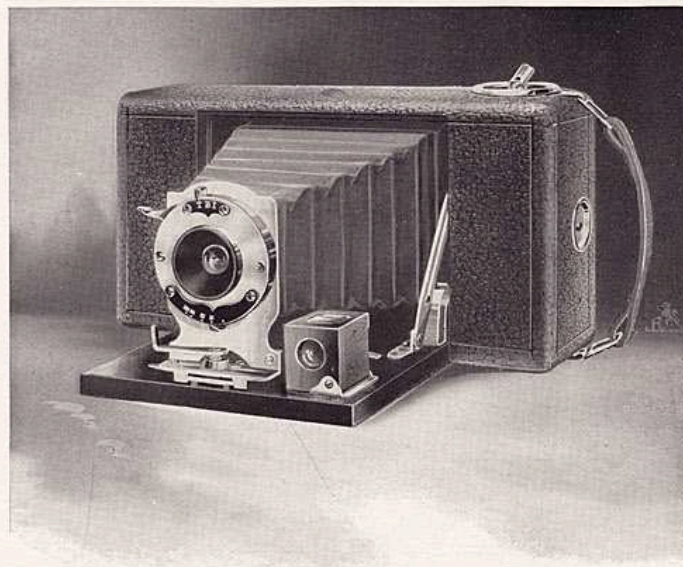
Dimensions,  $3\frac{1}{2} \times 4\frac{1}{8} \times 5\frac{1}{2}$  inches ; weight, 11 ounces.

**T**HIS camera is similar in style, quality and construction to that of the well known and popular No. 1 Ansco box camera. It is fitted with a good working lens and time and instantaneous finger-release shutter. It is also provided with two ground glass finders for horizontal and vertical pictures. The camera speaks for itself. One must see it and examine it to realize how much we give for \$3.50.

### Price

No. 3 Buster Brown Camera . . . . .	\$3.50
Carrying Case . . . . .	.75
Six Exposure Film $2\frac{1}{4} \times 3\frac{1}{4}$ . . . . .	.20
Printing and Developing Outfit . . . . .	1.50

## No. 1 Folding Buster Brown



For Pictures  $2\frac{1}{4} \times 3\frac{1}{4}$  inches ; adapted  
for six exposure Film.

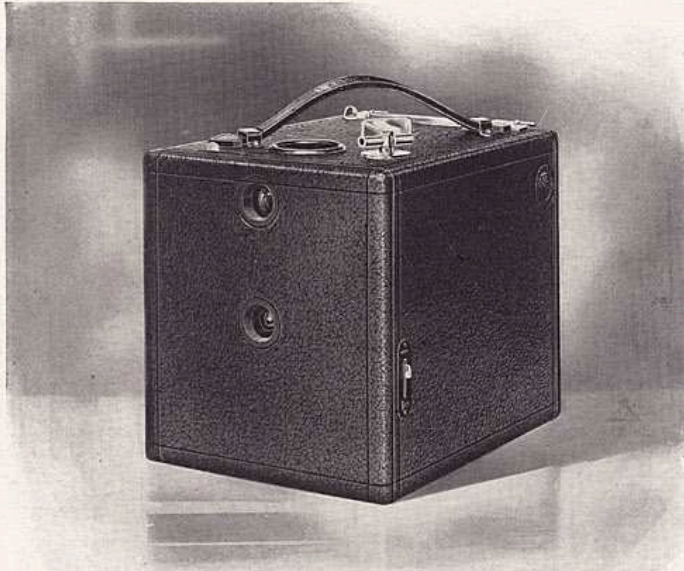
Dimensions,  $3\frac{1}{2} \times 6\frac{1}{4} \times 1\frac{1}{4}$  ; weight, 14 ounces.

**T**HIS camera is very compact and is fitted with a fine fixed focus meniscus lens with diaphragm and with a shutter for time and instantaneous exposures. It is also provided with a brilliant finder for horizontal and vertical pictures ; also socket for tripod.

### Price

Folding Buster Brown without Lens and Shutter, . . . . .	\$4.00
Single Achromatic Lens and Shutter for above camera, . . . . .	2.50
Carrying Case . . . . .	1.00
Six Exposure Film, $2\frac{1}{4} \times 3\frac{1}{4}$ . . . . .	.20
Developing and Printing Outfit . . . . .	1.50

## The No. 1 Ansco



For Pictures  $3\frac{1}{2} \times 3\frac{1}{2}$  inches; adapted for Film of either six or twelve exposures.

Dimensions,  $4\frac{3}{4} \times 4\frac{3}{4} \times 5\frac{1}{2}$ ; weight, 19 ounces.

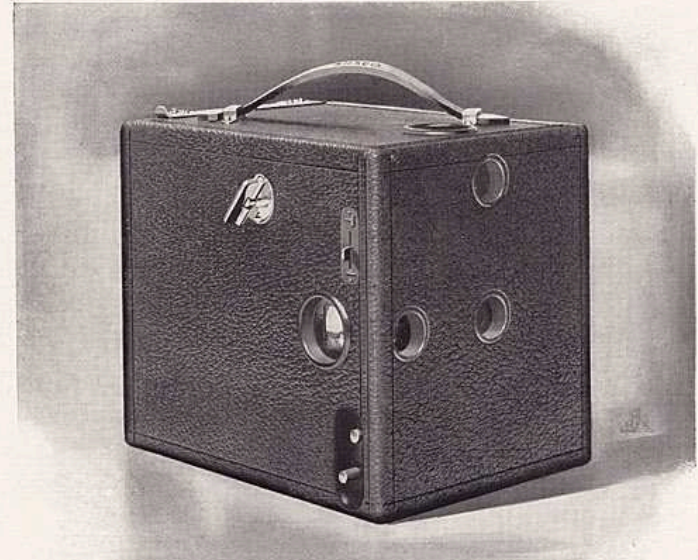
**T**HIS is a high grade camera at a popular price. It is a practical instrument, and one must not be deluded into the belief that because of the exceedingly low price it will not produce good pictures, for we recommend it for snap-shot work. It is always ready, as the Single Achromatic lens with which it is fitted is one of the fixed focus style. The shutter with three diaphragms is arranged to give three degrees of speed as well as time exposures. The camera is provided with a socket for tripod screw. Each camera is complete in itself and has no loose parts to become broken or lost.

It is provided with a brilliant finder of the best quality. It is covered with genuine seal leather and all its parts are nickel-plated. This camera is adapted to the use of the daylight-loading film-cartridge system.

### Price

No. 1 Ansco Camera . . . . .	\$5.00
Carrying Case . . . . .	1.25
Six Exposure Film, $3\frac{1}{2} \times 3\frac{1}{2}$ . . . . .	.30
Twelve Exposure Film, $3\frac{1}{2} \times 3\frac{1}{2}$ . . . . .	.60

## The No. 2 Ansco



For Rectangular Pictures  $3\frac{1}{4} \times 4\frac{1}{4}$  inches; adapted for Film of either six or twelve exposures.

Dimensions,  $4\frac{3}{4} \times 5\frac{1}{2} \times 6\frac{1}{2}$  inches; weight, 30 ounces.

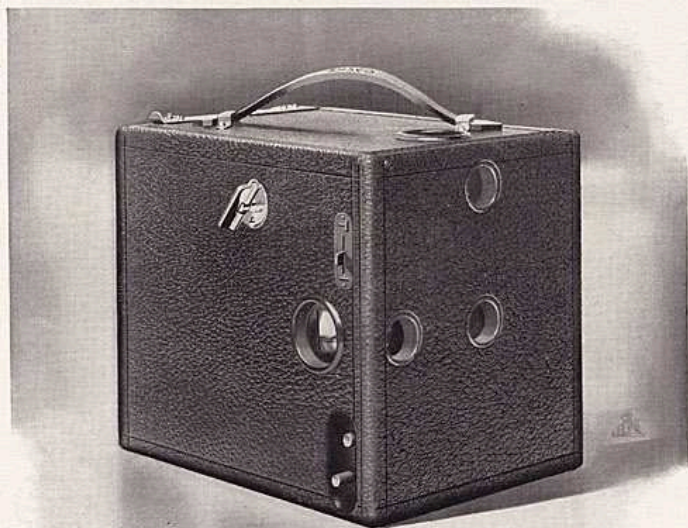
**T**HE No. 2 Ansco is of the box type of camera. Very compact, and covered with seal grain leather. All its metal fittings are nickel-plated. This camera is always ready, as the lens,—which is a high grade Single Achromatic lens, with an improved form of finger-release automatic shutter, for both time and instantaneous exposure,—is of the fixed focus type and needs no focusing. The finder is of the same general character of finders furnished with all the Ansco cameras. It is a brilliant finder which allows the amateur to center the image quickly. The camera has two tripod sockets, so as to make pictures either way of the film.

This camera is adapted for use with the daylight-loading film-cartridge system.

### Price

Ansco Camera No. 2 . . . . .	\$7.25
Carrying Case . . . . .	1.50
Six Exposure Film, $3\frac{1}{4} \times 4\frac{1}{4}$ . . . . .	.35
Twelve Exposure Film, $3\frac{1}{4} \times 4\frac{1}{4}$ . . . . .	.70

## The No. 3 Ansco



For Rectangular Pictures, 4 x 5 inches; adapted for Film of either six or twelve exposures.

Dimensions, 8¼ x 6 x 5¼ inches; weight, 40 ounces.

**I**T is the most compact 4 x 5 camera of the box type on the market. Covered with seal grain leather. Its metal trimmings are nickel-plated, and these include two tripod sockets for vertical and horizontal pictures. It is fitted with a Single Achromatic lens, and an improved form of finger-release automatic shutter, for both time and instantaneous exposures.

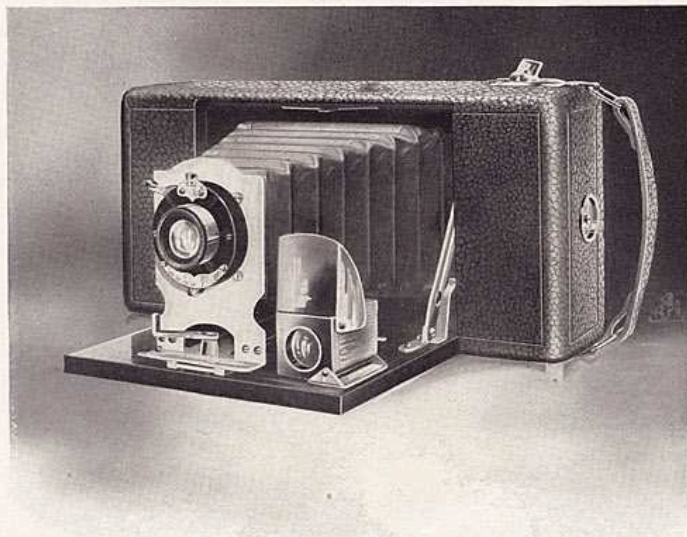
The shutter contains a diaphragm with three different size apertures. The lens is of the fixed focus type, so that the camera is always ready to make a picture irrespective of the distance. Provided the subject is six feet or further away, it will take everything sharply.

The brilliant finder with which it is provided for viewing your picture is of the same general nature as that fitted to all the Ansco cameras. The picture is seen quickly, even though the sun should shine directly on it. It is adapted for use with the daylight-loading film system.

### Price

Ansco Camera No. 3 . . . . .	\$7.75
Carrying Case . . . . .	1.50
Six Exposure Film, 4 x 5 . . . . .	.45
Twelve Exposure Film, 4 x 5 . . . . .	.90

## The Ansco Junior



For Pictures 2½ x 4¼ inches

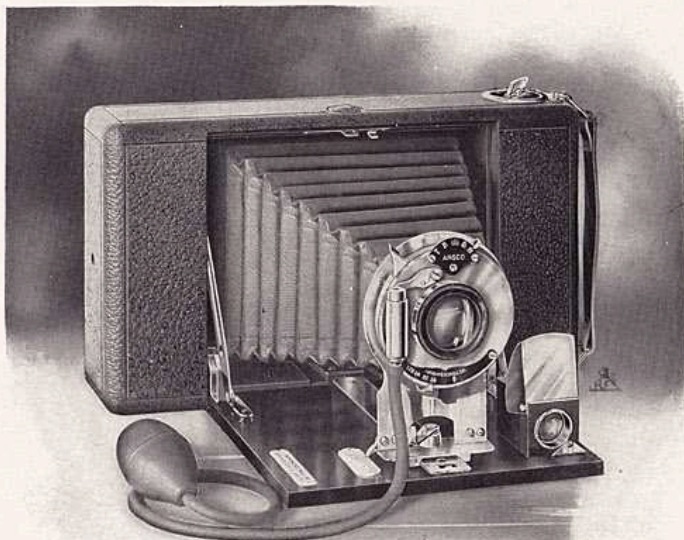
Dimensions, 2 x 8¼ x 4¼ inches; weight, 21 ounces

**T**HIS is a very handsome compact camera, with self locking device for bellows extension, covered with seal grain leather and fitted with a high grade fixed focus Rapid Rectilinear lens with diaphragms, and time, bulb release and instantaneous shutter; also sockets for tripod.

### Price

The Ansco Junior without Lens and Shutter, . . . . .	\$7.50
Rapid Rectilinear Lens and Shutter for above camera . . . . .	4.50
Carrying Case . . . . .	1.00
Six Exposure Film, 2½ x 4¼ . . . . .	.25
Twelve Exposure Film 2½ x 4¼ . . . . .	.50
Developing and Printing Outfit . . . . .	1.50

## The No. 4 Folding Pocket AnSCO



For Pictures  $3\frac{1}{4} \times 4\frac{1}{4}$  inches; adapted  
for Film of either six or twelve exposures.

Dimensions,  $8 \times 4\frac{1}{2} \times 2$  inches; weight, 25 ounces.  
Fitted with double Rapid Rectilinear lens and Winner automatic shutter;  
focal length of lens, 5 inches.

THE dimensions of this camera and its shape will appeal to tourists for it is designed so that it may be conveniently carried, even in an overcoat pocket; but it is nevertheless a thoroughly durable and reliable instrument; one which will permit the amateur to produce the highest kind of work from a technical standpoint.

It is made throughout of selected mahogany and the metal parts with the exception of the shutter, are nicked. The camera is covered with fine black seal leather, and is fitted with a Vidil back. The bellows is of maroon leather. The camera is fitted with a brilliant reversible finder and tripod sockets for both horizontal and vertical pictures, in combination with an accurately adjusted focusing scale for the Rapid Rectilinear lens.

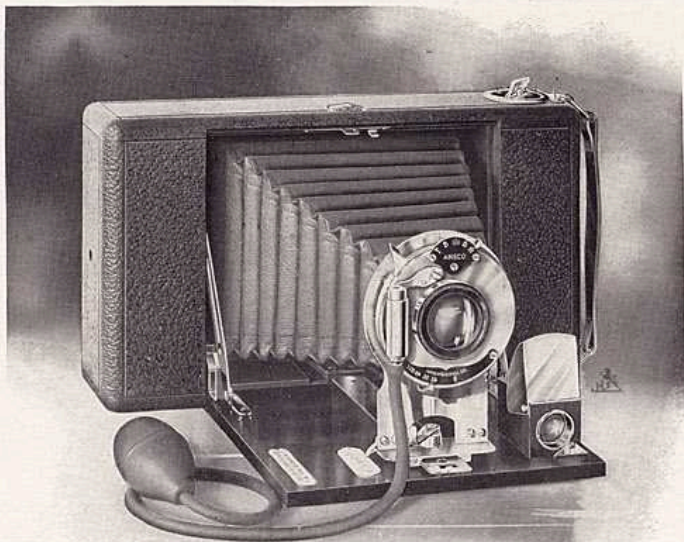
An interchangeable back, called the AnSCO Dry Plate Attachment, is also furnished separate for this camera, and when so fitted it becomes a most compact, practical and finished dry plate camera.

### Price

AnSCO No. 4 Folding, $3\frac{1}{4} \times 4\frac{1}{4}$ , without Lens and Shutter . . . . .	\$ 9.50
Rapid Rectilinear Lens with Shutter, for above camera . . . . .	5.00
No. O. Series III. Goerz Double Anastigmat Lens, New Automatic Shutter, for above camera . . . . .	45.50
Leather Carrying Case . . . . .	1.50
AnSCO Portrait Attachment . . . . .	.50
AnSCO Dry Plate Attachment . . . . .	3.50
Double Dry Plate Holder, $3\frac{1}{4} \times 4\frac{1}{4}$ . . . . .	1.25
AnSCO Non-curling Film Cartridge, 12 Exposures, $3\frac{1}{4} \times 4\frac{1}{4}$ . . . . .	.70
AnSCO Non-curling Film Cartridge, 6 " " $3\frac{1}{4} \times 4\frac{1}{4}$ . . . . .	.35
AnSCO Vidil Film Cartridge, 12 Exposures . . . . .	.70



## The No. 5 Folding Pocket Ansco



For Pictures 4 x 5 inches ; adapted for  
Film of either six or twelve exposures.

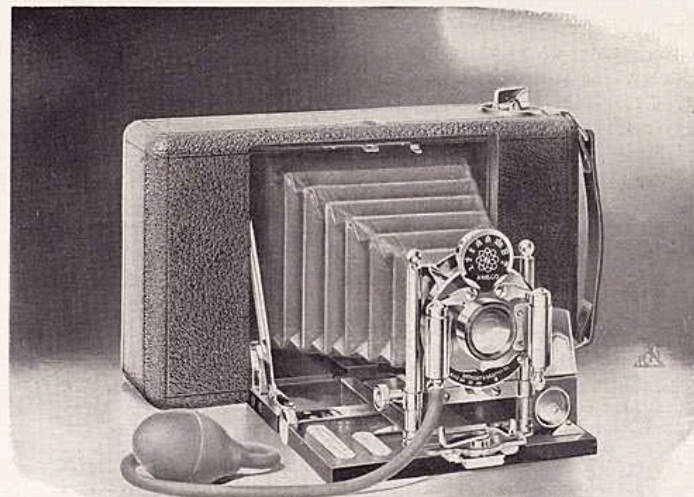
Dimensions, 2 x 5½ x 8¾ inches ; weight, 31 ounces.  
Fitted with Rapid Rectilinear lens and Winner automatic shutter,  
focal length of lens, 5¼ inches.

**T**HE Ansco No. 5 is the same in every particular as the No. 4, except that it takes a larger size picture, namely 4 x 5.  
An interchangeable back called the Ansco Dry Plate Attachment is also furnished separate for this camera, and when so fitted it becomes a most compact, practical and finished dry plate camera.

### Price

Ansco No. 5 Folding 4 x 5, without Lens and Shutter . . . . .	\$12.50
Rapid Rectilinear Lens, with Shutter for above camera . . . . .	6.00
No. 1. Goetz Anastigmat Lens, series III. with New Automatic Shutter for above camera . . . . .	55.00
Leather Carrying Case . . . . .	1.50
Ansco Portrait Attachment . . . . .	.50
Ansco Dry Plate Attachment . . . . .	3.50
Ansco Non-curling Film Cartridge, 12 Exposures, 4 x 5 . . . . .	.90
Ansco " " " 6 " " 4 x 5 . . . . .	.45
Ansco-Vidil Film Cartridge, 10 Exposures, 4 x 5 . . . . .	.90

## The No. 6 Folding Pocket Ansco



For Pictures 3¼ x 4¼ inches ; adapted  
for Film of either six or twelve exposures.

Dimensions, 2 x 4½ x 8 inches ; weight, 25 ounces.

**T**HIS camera is designed for those who are taking up photography with the ambition to produce the most exacting work and for those who are proud to possess a camera of the highest quality and finish throughout.

It is made of selected mahogany and is highly polished. The metal parts, with the exception of the shutter, are nicked, and the camera is covered with black seal grain leather.

It is provided with rack and pinion movement, for focusing with great precision. It has a rising front to include more of the foreground or more of the sky, as the composition of the picture might require; and also for taking high buildings. For similar purposes it has a lateral shifting front.

The Ansco cameras No. 6 and 7 are fitted with the highest grade lenses that can be produced at a popular price. Their quality, considering their price in comparison with those of special high-grade lenses, is indeed very high, and it is possible to make them of such a high quality at a disproportionately lower cost, owing to the fact that they are made in very large quantities, which is not the case with the so-called high grade expensive lenses. In fact, the lenses fitted to our Folding Ansco cameras from No. 4 up, have a covering capacity designated as F 8. They will make snap-shots in sunlight in  $\frac{1}{125}$  part of a second, and with the shutter working at  $\frac{1}{25}$  of a second will make satisfactory negatives on hazy days.

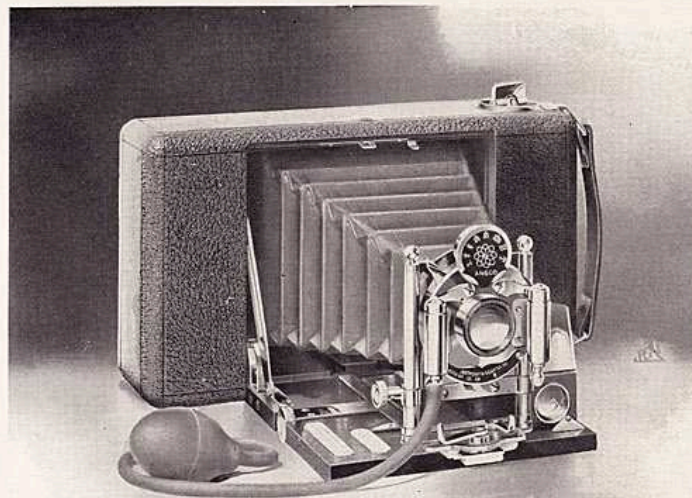
A No. 6 Ansco is provided with a Vidil focusing back, and has a reversible finder and tripod socket for both horizontal and vertical pictures, and an accurately adjusted focusing scale for the Rapid Rectilinear lens.

An interchangeable back called the Ansco Dry Plate Attachment is also furnished separate for this camera, and when so fitted it becomes a most compact, practical and finished dry plate camera.

*Price*

Ansco No. 6 Folding $3\frac{1}{4} \times 4\frac{1}{4}$ Camera, without Lens and Shutter . . . . .	\$11.00	Ansco Dry Plate Attachment . . . . .	\$3.50
Rapid Rectilinear Lens and Shutter for above camera . . . . .	9.00	Double Dry Plate Holder, $3\frac{1}{4} \times 4\frac{1}{4}$ . . . . .	1.25
No. O. Goerz Anastigmat Lens with New Automatic Shutter, for above camera . . . . .	45.50	Ansco Non-curling Film Cartridge, 12 Exposures, $3\frac{1}{4} \times 4\frac{1}{4}$ . . . . .	.70
Leather Carrying Case . . . . .	1.50	Ansco Non-curling Film Cartridge, 6 Exposures, $3\frac{1}{4} \times 4\frac{1}{4}$ . . . . .	.35
Ansco Portrait Attachment . . . . .	.50	Ansco-Vidil Film Cartridge, 12 Exposures, $3\frac{1}{4} \times 4\frac{1}{4}$ . . . . .	.70

## The No. 7 Folding Pocket Ansco



For Pictures 4 x 5 inches; adapted for Film of either six or twelve exposures.

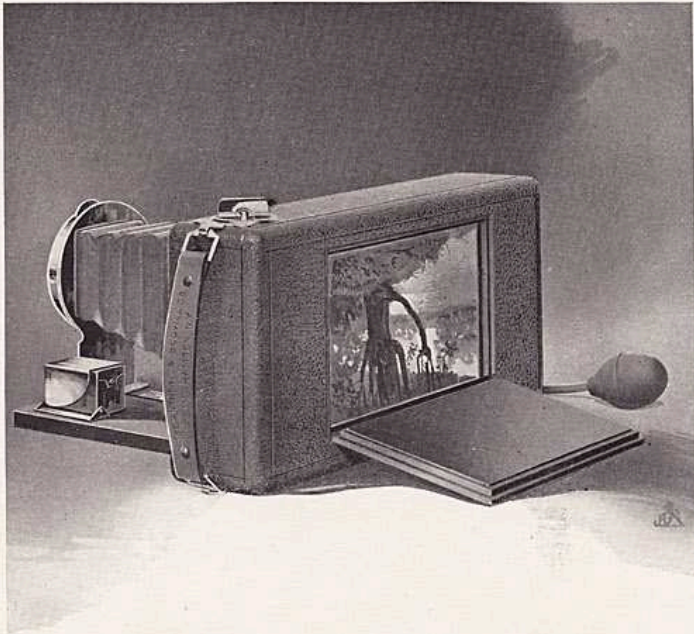
Dimensions,  $2 \times 5\frac{1}{2} \times 8\frac{3}{4}$  inches; weight, 31 ounces.

**T**HIS camera is exactly the same as the No. 6, except that it takes a 4 x 5 picture. In other words it bears to the No. 6 the same relation as the No. 5 does to the No. 4. It is the same camera on a larger scale.

*Price*

Ansco No. 7 Folding 4 x 5 Camera without Lens and Shutter . . . . .	\$15.00	Ansco Portrait Attachment . . . . .	\$ .50
Rapid Rectilinear Lens with Shutter for above camera . . . . .	10.50	Ansco Dry Plate Holder, 4 x 5 . . . . .	1.25
No. I Series III Goerz Anastigmat Lens with New Automatic Shutter for the above camera . . . . .	55.00	Ansco Non-curling Film Cartridge, 12 Exposures, 4 x 5 . . . . .	.90
Leather Carrying Case . . . . .	1.50	Ansco Non-curling Film Cartridge, 6 Exposures, 4 x 5 . . . . .	.45
Ansco Dry Plate Attachment . . . . .	3.50	Ansco-Vidil Film Cartridge, 10 exposures, 4 x 5 . . . . .	.90

## The No. 9 Folding Pocket Ansco



For Pictures  $3\frac{1}{4} \times 5\frac{1}{2}$ ; adapted  
for Films of either six or ten exposures.

Dimensions,  $2 \times 4\frac{1}{2} \times 9\frac{1}{2}$  inches; weight, 35 ounces.

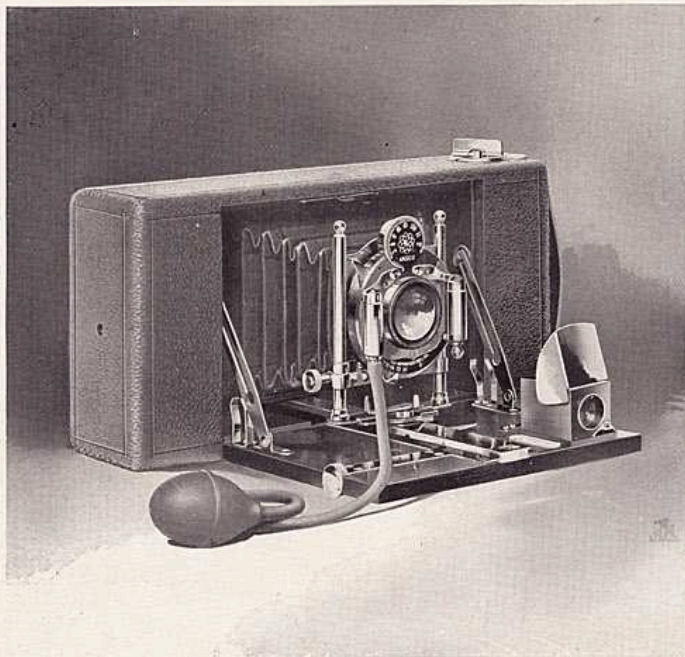
**T**HIS camera represents throughout the highest grade of workmanship, and the size of the picture which it takes, namely:  $3\frac{1}{4} \times 5\frac{1}{2}$  inches is a very popular size, for the reason that it allows great scope in photographing landscapes, and permits making beautiful panel portraits, especially when using the Ansco Portrait Attachment. It has a rack and pinion device for focusing. The same as all the Ansco Folding cameras, it has a Vidil focusing back and also a tripod socket, for both horizontal and vertical pictures. It is fitted with a Rapid Rectilinear lens and single valve Automatic shutter. We furnish for this

camera separately, an interchangeable back called the Ansco Dry Plate Attachment, and when fitted with this back it becomes a most compact, practical and efficient dry plate camera.

### Price

Ansco No. 9 Folding Camera, $3\frac{1}{4} \times 5\frac{1}{2}$ without Lens and Shutter . . .	\$14.00	Ansco Portrait Attachment . . . . .	\$ .50
Rapid Rectilinear Lens and Shutter for above camera . . . . .	6.00	Ansco Dry Plate Attachment . . . . .	3.50
No. 1 Goerz Anastigmat Lens, series III, etc., with New Automatic Shut- ter for above camera . . . . .	55.00	Ansco Film Cartridge, $3\frac{1}{4} \times 5\frac{1}{2}$ , 10 Ex- posures . . . . .	.70
Leather Carrying Case . . . . .	1.50	Ansco Film Cartridge, $3\frac{1}{4} \times 5\frac{1}{2}$ , 6 Expo- sures . . . . .	.40
		Ansco Vidil Film Cartridge, $3\frac{1}{4} \times 5\frac{1}{2}$ , 8 Exposures . . . . .	.70

## The No. 10 Folding Pocket AnSCO



For Pictures  $3\frac{1}{4} \times 5\frac{1}{2}$  inches; adapted  
for Film of either six or ten exposures.

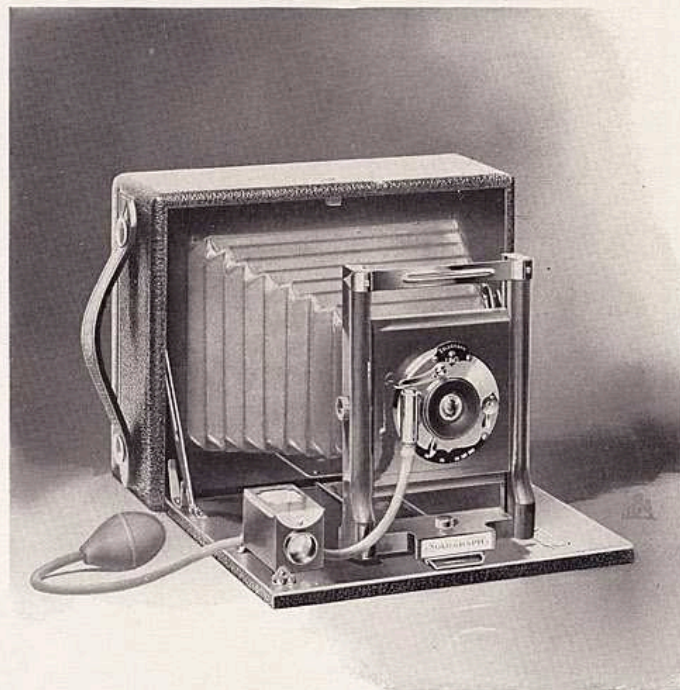
Dimensions,  $2 \times 4\frac{1}{2} \times 9\frac{1}{2}$  inches; weight, 35 ounces.

**T**HIS camera as regards style and workmanship, is the same as the No. 9 AnSCO, only that it is fitted with a *rapid symmetrical lens and double valve automatic shutter*, and has a clever device for raising and lowering the front. The same as the No. 9 it takes an AnSCO Dry Plate Attachment.

### Price

AnSCO No. 10 Folding, $3\frac{1}{4} \times 5\frac{1}{2}$ Camera, without Lens and Shutter . . .	\$15.00
Rapid Symmetrical Lens and Shutter for above camera . . . . .	10.50
No. 1 Goerz Anastigmat Lens, series III, etc. for above camera . . . . .	55.00
Leather Carrying Case . . . . .	1.50
AnSCO Portrait Attachment . . . . .	.50
AnSCO Dry Plate Attachment . . . . .	3.50
AnSCO Film Cartridge, $3\frac{1}{4} \times 5\frac{1}{2}$ , 6 Exposures . . . . .	.40
AnSCO Film Cartridge, $3\frac{1}{4} \times 5\frac{1}{2}$ , 10 Exposures . . . . .	.70
AnSCO-Vidil Film, $3\frac{1}{4} \times 5\frac{1}{2}$ , 8 Exposures . . . . .	.70

## Solograph Cameras No. 1 and No. 2



**T**HE Solograph cameras have enjoyed for a great many years, the reputation of being the best constructed cameras on the market, and the 1906 models will be found a great improvement on earlier cameras of this name, and the many new features will appeal to the discriminating amateur from every standpoint.

The Solographs No. 1 and No. 2 were designed to meet the requirements of those who are seeking a completely equipped instrument at an extremely low price.

The Solograph No. 1 possesses a Single Achromatic lens, while the Solograph No. 2 is fitted with a double Rapid Rectilinear lens. Both are equipped for Junior shutters already described in this catalogue. A carrying case is supplied with place for the camera in one end and extra plate holders in the other.

The Solographs No. 1 and No. 2 are made in two sizes,  $4 \times 5$  and  $5 \times 7$ .

SPECIFICATIONS

DIMENSIONS: { In 4 x 5 size, 6 x 5 1/4 x 2 3/8 inches.  
 { In 5 x 7 size, 8 x 6 1/4 x 2 3/8 inches.  
 CAMERA BOX: Mahogany, dovetailed and covered with seal grain leather.  
 CAMERA BED: Mahogany, polished, fitted with piano hinge.  
 METAL PARTS: Highly polished brass, lacquered.  
 BELLOWS: Red Russia leather, lined with gossamer cloth.

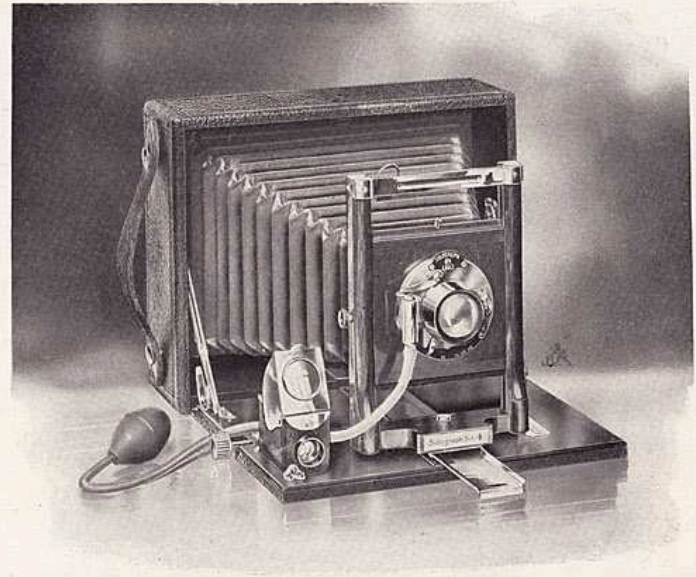
SPECIAL FEATURES

FRONT: Rising and falling. BACK: Spring actuated ground glass panel.  
 CLAMP: Automatic press-button.  
 FINDER: Reversible, brass bound.  
 SHUTTER: Solograph Uno, with bulb and tube attachment.  
 LENS: { Solograph Single Achromatic, fitted to No. 1.  
 { Solograph Rapid Rectilinear, fitted to No. 2.

Camera Carrying Case Double Plate Holder

Prices Complete, No. 1, 4 x 5, \$ 9.00; 5 x 7, \$14.00  
 " " No. 2, 4 x 5, 11.00; 5 x 7, 15.00

Solograph Camera No. 4



**T**HIS is a rack and pinion focusing camera which is a feature insisted upon by careful workers. The camera is made of mahogany, highly polished, covered with selected morocco grain leather. It has a strong actuated ground glass screen, rising and falling front, and is fitted with a Rapid Rectilinear lens with Uno shutter. A handsome carrying case is supplied with place for the camera in one end and extra holders in the other. The Solograph No. 4 is made in two sizes 4 x 5 and 5 x 7.

SPECIFICATIONS

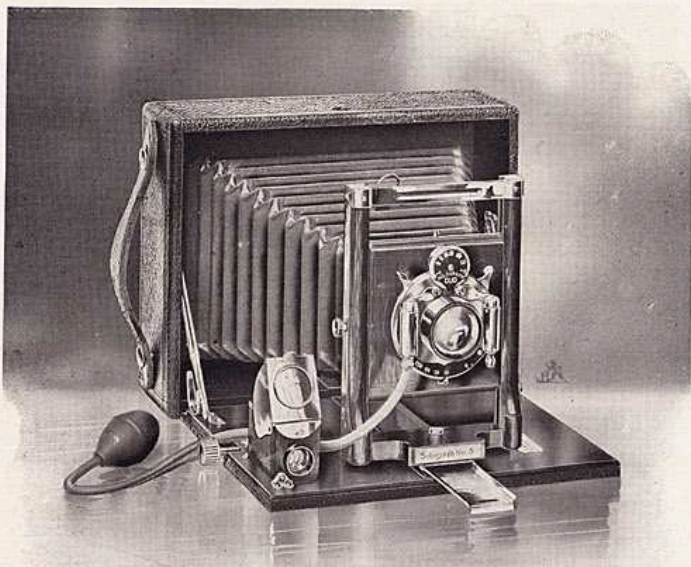
DIMENSIONS: { In 4 x 5 size, 6 x 5 1/4 x 2 3/8 inches.  
 { In 5 x 7 size, 8 x 6 1/4 x 2 3/8 inches.  
 CAMERA BOX: Mahogany, dovetailed and covered with seal grain leather.  
 CAMERA BED: Mahogany, polished, fitted with piano hinge.  
 METAL PARTS: Highly polished brass, lacquered.  
 BELLOWS: Red Russia leather, lined with gossamer cloth.

SPECIAL FEATURES

FRONT: Rising and falling. BACK: Spring actuated ground glass panel.  
 CLAMP: Automatic press-button.  
 RACK AND PINION: For focusing.  
 FINDER: Reversible, brass bound, hooded.  
 SHUTTER: Solograph Uno, with bulb and tube attachment.  
 LENS: Solograph Rapid Rectilinear.

Camera Carrying Case Double Plate Holder  
 Prices Complete . . . . . 4 x 5, \$14.00; 5 x 7, \$19.00

## Solograph Camera No. 5



**T**HE Solograph No. 5 is the same in an essential features as the No. 4, only that it is equipped with the well known Duo shutter and the best grade of Rapid Rectilinear lens. The camera is made in two sizes, 4 x 5 and 5 x 7.

The price includes a handsome carrying case with place to hold the camera in one end and extra plate holders in the other.

### SPECIFICATIONS

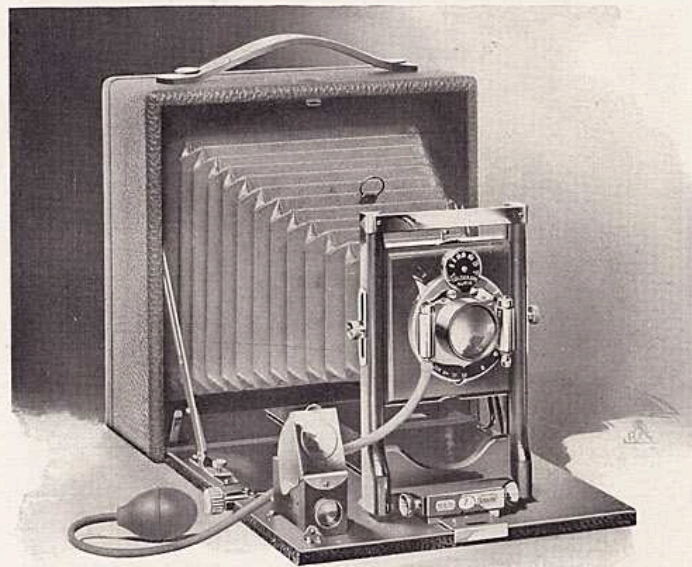
DIMENSIONS: { In 4 x 5 size, 6 x 5 1/4 x 2 3/4 inches.  
 { In 5 x 7 size, 8 x 6 1/4 x 2 3/4 inches.  
 CAMERA BOX: Mahogany, dovetailed and covered with seal grain leather.  
 CAMERA BED: Mahogany, polished, fitted with piano hinge.  
 METAL PARTS: Highly polished brass, lacquered.  
 BELLOWS: Red Russia leather, lined with gossamer cloth.

### SPECIAL FEATURES

FRONT: Rising and falling. BACK: Spring actuated ground glass panel.  
 CLAMP: Automatic press-button.  
 RACK AND PINION: For focusing.  
 FINDER: Reversible, brass bound and hooded.  
 SHUTTER: Solograph Duo, with bulb and tube attachment.  
 LENS: Solograph Rapid Rectilinear.  
 Camera Carrying Case Double Plate Holder

Prices Complete . . . . . 4 x 5, \$16.00; 5 x 7, \$21.00

## Solograph Camera No. 7



**T**HOSE amateurs who make a special feature of portraiture will appreciate the construction of the Solograph No. 7, for it is provided with a screen back, rising and falling front, hooded reversible finder, also rack and pinion for fine focusing, all of which are desirable devices for portrait taking.

The lens fitted to this camera is a Symmetrical lens which is of a higher grade than the Rapid Rectilinear. This camera is made in two sizes, 4 x 5 and 5 x 7.

### SPECIFICATIONS

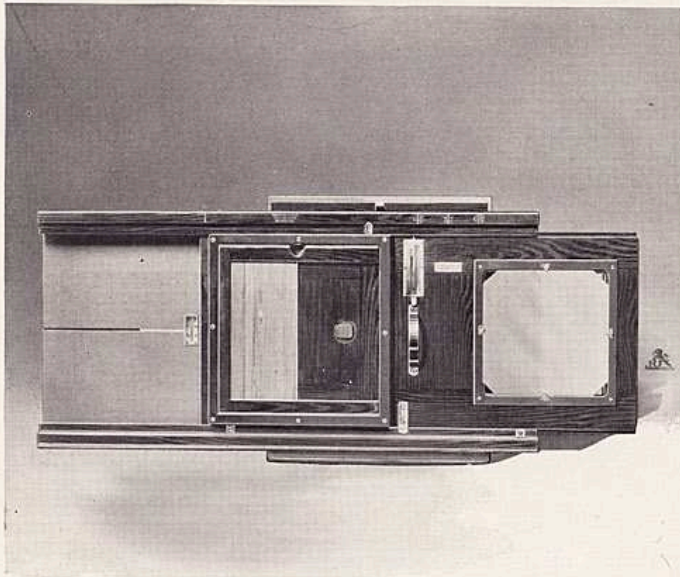
DIMENSIONS: { In 4 x 5 size, 6 x 6 x 3 inches.  
 { In 5 x 7 size, 8 1/4 x 8 1/4 x 3 inches.  
 CAMERA BOX: Mahogany, dovetailed and covered with seal grain leather.  
 CAMERA BED: Mahogany, polished, fitted with piano hinge.  
 METAL PARTS: Highly polished brass, lacquered.  
 BELLOWS: Red Russia leather, lined with gossamer cloth.

### SPECIAL FEATURES

FRONT: Rising and falling. RACK AND PINION: For focusing.  
 CLAMP: Automatic press-button. SWING: Either back or bed.  
 BACK: Reversible, with single release, spring actuated ground glass panel.  
 FINDER: Brilliant, reversible, brass bound and hooded.  
 SHUTTER: Solograph with bulb and tube attachment.  
 LENS: Solograph Symmetrical.  
 Camera Carrying Case Double Plate Holder

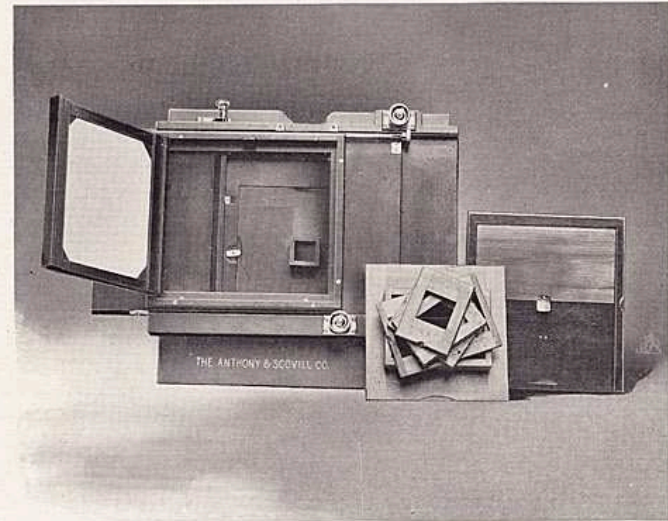
Prices Complete . . . . . 4 x 5, \$22.00; 5 x 7, \$29.00

## The Anthony Improved Automatic Cabinet Attachment



**T**HIS attachment was awarded the diploma for the best improvement in apparatus at two conventions of the P. A. of A. It consists of a back that can be fitted to any 8 x 10 or larger camera, and has a ground glass and receptacle for plate holder on a sliding carriage which moves from left to right. The plate holder being adjusted, and the focusing being done, the carriage is moved and the ground glass is replaced by the plate holder, *the curtain slide being automatically withdrawn*. To lifting out of ground glass or fumbling with the slide. The one movement shifts the ground glass and places the holder ready for exposure. A movement from right to left inserts the slide, and the ground glass is restored to its position behind the lens. In ordering the Automatic attachment, it will be necessary to give the height, width and thickness of your plate holder, and state the name of the maker of the camera, and, if possible, the name of the camera. For further description and prices consult pages 26 and 27.

## Simplex Multiplying Attachment



A MONEY SAVER, HENCE A MONEY MAKER

WHAT'S GOOD ABOUT IT?

**I**N a nutshell, this multiplier is an improvement over all other multiplying devices in that it is attached, not to the plate holder *but to the camera*.

Hence, regular plate holders are used and with a supply of these the operator can make a large number of consecutive exposures, without running back and forth each time a fresh plate is wanted as is the case when the multiplying attachment is a part of the holder.

In use it is simple, practical and durable.

WHAT YOU CAN DO WITH IT

The attachment can be used on any 8 x 10 studio camera, and is fitted with a 5 x 7 reversible holder. It enables the operator to make a full size on a 5 x 7 or smaller plate, either vertically or horizontally; also to make 2, 3, 4, 6, 8, 12, or 24 pictures on a 5 x 7 plate by changing index rod and diaphragm, without changing either camera or lens. Any other number of exposures can be made if desired, but the attachment is fitted, unless otherwise ordered, as above.

TO MAKE EIGHT PICTURES ON A 5 x 7 PLATE

Swing the ground glass out of position and by means of the two racks and pinions move the carriage to the centre of the back. Insert the blacked

## Simplex Multiplying Attachment— Continued

wooden diaphragm marked 8 in vertical position. Turn the horizontal index bar until 8.12 H. appear on top, and slide carriage to the right until the spring engages the farthest notch in the said bar.

Next turn the vertical index bar so that 4-6-8-H show in front, and lower the carriage until the spring engages the lower notch in vertical bar. It is now in position for the upper left hand picture. Expose and move carriage to the left until spring engages the next notch for second picture, and so on until four exposures have been made. Then raise the carriage by means of the upper rack and pinion until the spring engages the upper notch in vertical index bar. Expose, and then slide carriage to the right until spring engages the next notch, and continue until four exposures have been made. Each notch denotes the proper point for the exposure. The index bars are marked H & V opposite the numbers designating which are to be used for horizontal or vertical pictures. Where more than one number appears on the index bar, in front of H or V, it means that the same side is used for making both sizes of picture, the difference appearing on the other index bar. (The diaphragms for 4, 6, 8 and 12 use the same body, merely requiring the opening changed by using the proper kits as marked on each).

Price . . . . . \$16.00

## Scovill Empire Revolving Back Adjuster

PATENTED

Is an attachment made to fit either an 8 x 10 or 11 x 14 New York Studio Outfit; that is to say an 11C or 13C Anthony Portrait camera. The adjuster is fitted with either 4¼ x 6½, 5 x 7, or 5 x 8 Curtain Slide plate holder. The great advantage of a revolving back will be at once apparent to any photographer, as the plate may be quickly reversed or placed in any desired position. This adjuster is a desirable adjunct to a New York Studio Outfit.

Price

8 x 10 . . . . .	\$13.00
11 x 14 . . . . .	16.00
Extra 4¼ x 6½, 5 x 7, or 5 x 8 Holders, each . . . . .	1.50

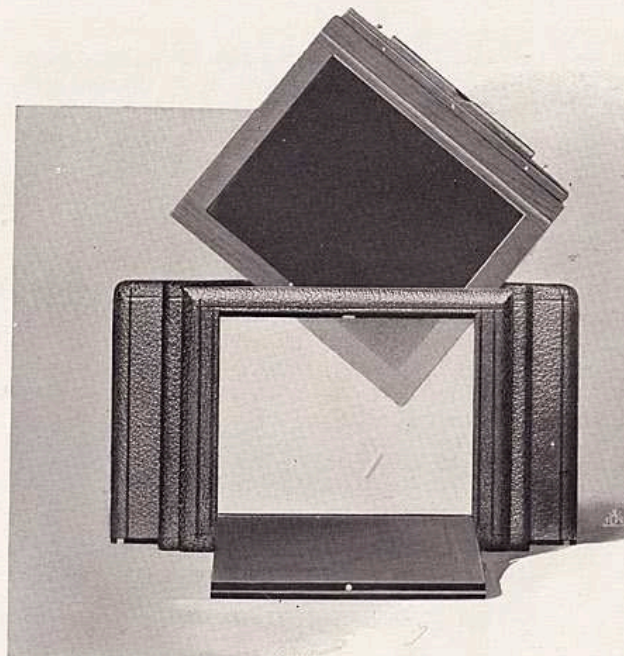
## Royal Attachment for Portrait Cameras

Is fitted with Benster holder, working 8 x 10 plate and smaller; two 5 x 8 on an 8 x 10 plate; two 4¼ x 6½ on a 6½ x 8½ plate; two 4 x 5 on a 5 x 8 plate, etc.

Prices

Attachment for 8 x 10 Camera . . . . .	\$27.00
" 11 x 14 " . . . . .	29.00
" 14 x 17 " . . . . .	32.00

## AnSCO Dry Plate Attachment



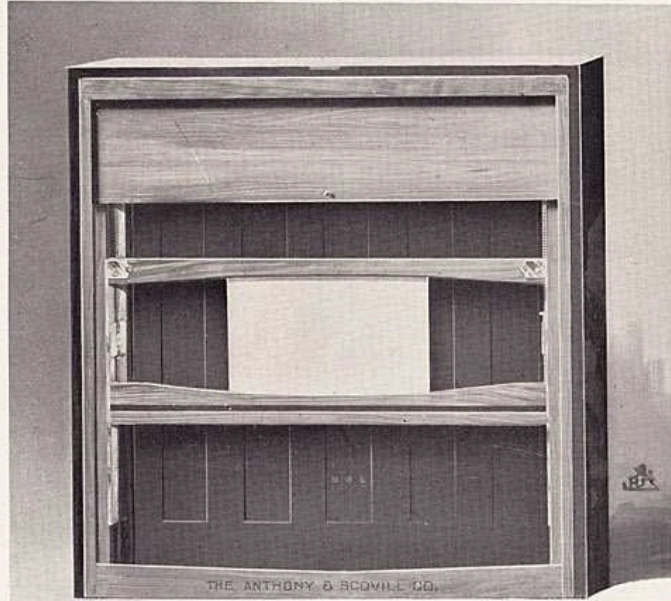
**W**E supply this attachment, or rather interchangeable back, for those who desire to use dry plates instead of films in the AnSCO cameras No. 4, 5, 6, 7, 9 and 10.

When the AnSCO Dry Plate Attachment is substituted for the film back, the AnSCO camera does not vary in appearance. It remains the same only that it then takes a *double* dry plate holder. It is not, therefore, a makeshift, as heretofore sold by other manufacturers. It is a simple metamorphosis. An AnSCO fitted with this attachment becomes the most compact, practical and efficient dry plate camera on the market.

Price complete . . . . . \$3.50  
Extra Plate Holder . . . . . 1.25



## The Benster Plate Holder



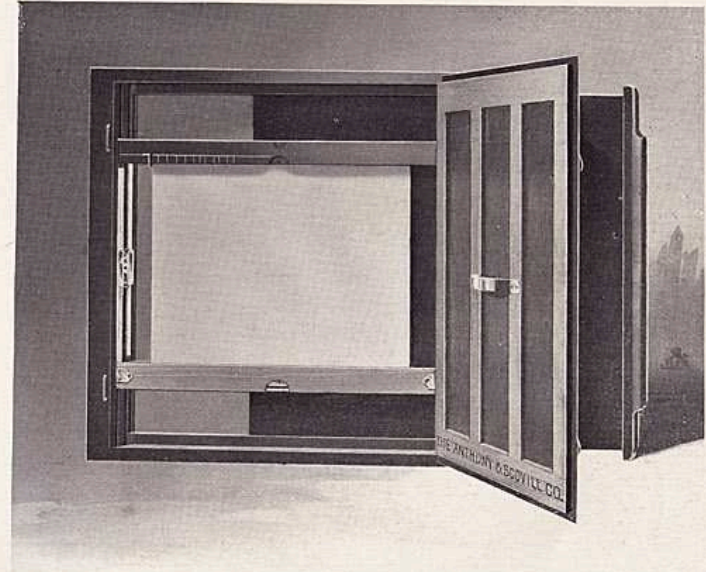
### BENSTER PLATE HOLDER WITH CURTAIN SLIDE

THE glass plate rests on a wooden ledge, notched for different size plates. As the lower ledge is raised, the upper ledge descends, so that the centre of the plate is at all times in the centre of the holder no matter what size is used. This obviates the use of inside kits, and adapts itself at once to any size of plate, from the largest the holder will admit to one not under three inches square. This is unquestionably the best studio plate holder made. The ledges may be instantly fastened for plates of any size. For dry plate studio work, it is the holder *par excellence*. It is fitted to all Climax cameras, with the exception of the 43B, 43C, and copying, enlarging and reducing cameras.

### THE BENSTER HOLDER WITH WOODEN SLIDE

Is furnished only with boxes for wet plate work, such as 43B and copying cameras, and in these holders the plate rests on pure silver wire, and there is a trough with large bottle underneath, into which all the silver waste readily finds its way.

## The Benster Plate Holder



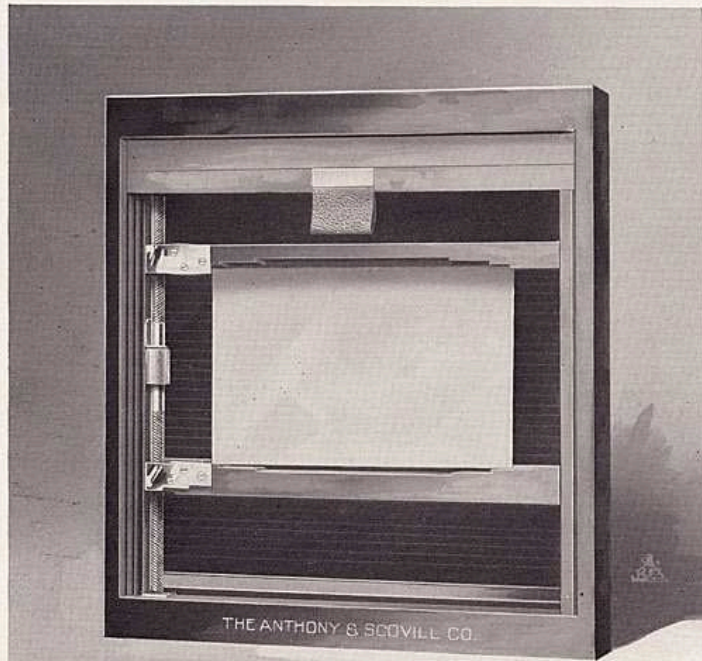
### BENSTER PLATE HOLDER WITH WOODEN SLIDE

The prices of Benster holders for Portrait and E. R. and Copying cameras are as follows:

Size	Inches wide	Inches high	Price
For 8 x 10 plate and under	12 $\frac{1}{4}$	13 $\frac{1}{2}$	\$10.00
" 8 x 10 " "	13 $\frac{3}{4}$	13 $\frac{3}{4}$	10.00
" 10 x 12 " "	15	15 $\frac{3}{4}$	16.00
" 11 x 14 " "	17	17 $\frac{3}{4}$	21.00
" 14 x 17 " "	20 $\frac{1}{2}$	21	24.00
" 17 x 20 " "	23 $\frac{1}{2}$	24	27.50
" 18 x 22 " "	26	26 $\frac{1}{2}$	30.00
" 20 x 24 " "	28	28 $\frac{1}{2}$	35.00
" 22 x 27 made to order only			40.00
" 25 x 30 " "			44.00

Special sizes to order will cost 20 per cent. additional.

## The Waterbury Dry Plate Holder



**T**HE Waterbury holder may be adjusted to various sizes of plates more quickly and easily than any other holder. No kits are required and the plates used must be in the centre; in fact, they cannot be out of the centre, and may be laid in the proper place in the dark.

The Waterbury holder requires no latches to secure the plate firmly in place. The mechanism is so simple that it cannot get out of order except by destroying the holder. The Waterbury holder adjustments work with entire freedom and yet without vibration or side-play.

### PRICE LIST OF WATERBURY STUDIO HOLDERS

Size	Price	Size	Price
8 x 10	\$10.00	17 x 20	\$28.00
For Cincinnati Camera	15.00	18 x 22	30.00
10 x 12	16.00	20 x 24	35.00
11 x 14	21.00	25 x 30	44.00
14 x 17	24.00		

## The Improved Patent Bonanza Plate Holder

Any practical photographer can, by one glance, see where the great merit of this holder lies, how perfectly silver solution is saved, and how by the use of grooves the necessity of kits is avoided.

The plate holder has now a world-wide reputation, and, because of its great merits, infringements have been attempted.

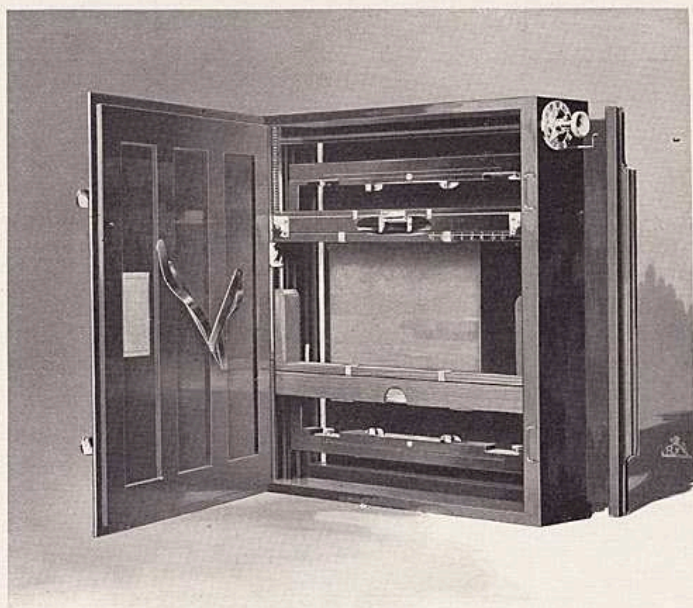
In ordering holders, parties should send their old holder as sample, if possible, to avoid mistakes; otherwise the exact dimensions of old holder should be given.

### PRICE LIST OF BONANZA HOLDERS

Size	Price	Size	Price
8 x 10	\$10.50	17 x 20	\$27.50
10 x 12	16.00	18 x 22	31.00
11 x 14	21.50	20 x 24	35.75
14 x 17	24.00	25 x 30	44.00

Bonanza Holder for Cincinnati Camera with Rabbit Kits . . . . .	\$12.75
" " " Multiplying " . . . . .	12.75
Troughs for Bonanza Holders . . . . .	1.50

## Anthony's Improved Patent Lined Screen Holder



**T**HIS holder has been constructed to meet the requirements of improved and advanced methods of half-tone negative making.

That we have been successful, will readily be demonstrated by attention to the points of advantage given below:

(a) The distance between the screen and negative plate is automatically adjusted from the outside of the holder by turning *one knob* only.

(b) The mechanism is such that exact parallelism is assured. Being constructed on sound and rigid principles, there is no loose movement between the parts that support the screen and sensitive plates, and both are perfectly secure and remain in place when once adjusted.

(c) The screen is held securely in position by new devices, without the use of springs, and will hold screens up to  $\frac{3}{8}$  of an inch thick, and from  $\frac{5}{8}$  of an inch up to 5 inches larger than dimensions given. Thus, a 14 x 17 holder will take a screen plate  $17\frac{5}{8}$  in. high by  $17\frac{1}{4}$  in. wide. The smallest screen accommodated is 5 x 5 in.

(d) The separating indicator is located on the upper right hand corner in easy reach and view of the operator. The micrometer indicator is divided into thousandths of an inch, and permits a distance from surface to surface of from .025 to  $\frac{1}{2}$  an inch, therefore making it practicable for the finest as well as the coarsest ruled plate in use.

(e) All metal parts that might be corroded by the silver solution are kept from contact with it; other parts that are likely to come in contact with the drippings are made of hard rubber and silver. The drippings from the plate are caught in a trough, which carries them to a bottle, so preserving the life of the holder and saving the silver solution.

(f) The old-fashioned brass spring on the door for holding the negative plate in position has been abolished, and with our new arrangement bulging of the plate is overcome, making the shape of the half-tone dots appear in their proper proportion.

(g) This new construction admits of the focusing being done in the holder with ease and accuracy. A ground glass with a clear circle in the centre, is placed in the position intended for the negative plate. Thus, by focusing through the screen, the actual dot or contrast is easily obtained by turning the indicator. For this manner of operating, the door is hung on the left side and the indicator on the right, making the focusing and adjustment as easy as when using the ordinary ground glass and frame.

Largest Plate	Outside Dimensions		Ground Glass and Frame	Price
	In. wide	In. high		
For 8 x 10	12 $\frac{3}{4}$	13 $\frac{1}{2}$	\$3.00	\$28.25
" 10 x 12	15	15 $\frac{3}{4}$	3.25	36.50
" 11 x 14	17	17 $\frac{3}{4}$	3.50	45.00
" 14 x 17	20 $\frac{1}{2}$	24	4.00	50.00
" 17 x 20	23 $\frac{1}{2}$	24	4.50	55.00
" 18 x 22	26	26 $\frac{1}{2}$	5.50	60.00
" 20 x 24	28	28 $\frac{1}{2}$	6.50	65.00

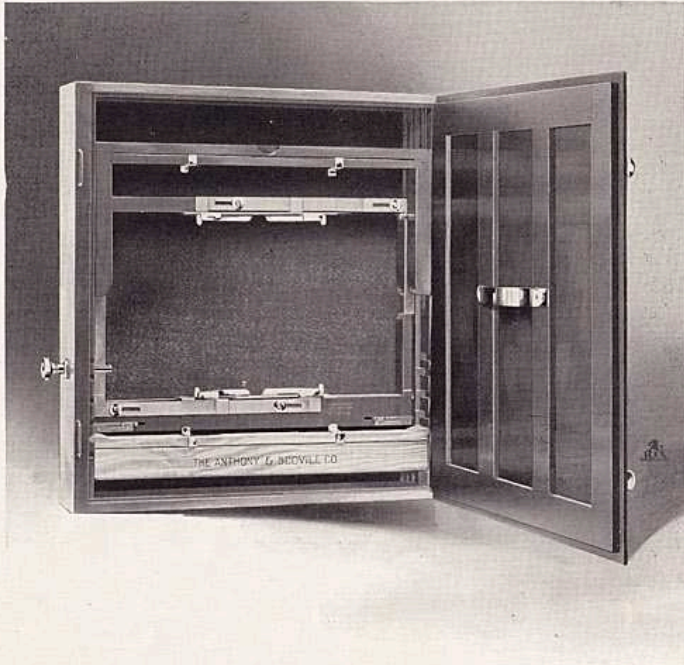
### CRYSTAL PLATE GROUND GLASS

Size	$\frac{3}{4}$ Ground	$\frac{1}{2}$ -Inch Clear Circle in Centre
8 x 10	\$1.10	\$1.50
10 x 12	1.40	1.80
11 x 14	1.80	2.20
14 x 17	2.80	3.20
17 x 20	3.25	4.90
18 x 22	5.20	5.60
20 x 24	6.30	6.70

### EXTRA PARTS OF ANTHONY SCREEN HOLDERS

Description	To 11 x 14		To 20 x 24	
	To 11 x 14	To 20 x 24	To 11 x 14	To 20 x 24
Top Rail for Plate, Complete	\$6.75	\$7.50		
" " Screen	6.75	7.50		
Bottom Rail for Plate, Complete	4.50	5.25		
" " Screen	6.75	7.50		
Top Adjuster Rail, complete	4.50	4.50		
Bottom Adjuster Rail complete	4.50	4.50		
Racks, each	.75	1.00		
Clamps, less Screen Screw		.75		
Binding Nuts for Clamps	.30	.30		
Spring for Door	1.50	1.50		
Silver Supports		.60		
Aluminum Supports		.20		
Binding Nuts for Rails		.20		

## The Scovill - Levy Photo - Engravers' Adjustable Screen Plate Holder



(PATENTED)

The principal features of this holder are briefly :

- FIRST.**—The case with which it is adjusted for different size plates and screens, by a simple sliding movement of the two inside frames to or from the centre, thus dispensing with the expensive and troublesome use of kit frames.
- SECOND.**—The convenience by which the screen plate is accurately adjusted to the sensitized plate by means of the metallic sliding adjusters.
- THIRD.**—Different thicknesses in the screen plates are allowed for by means of a spring which always holds the plate accurately in place no matter what its thickness may be.
- FOURTH.**—A graduated scale on each screen adjuster makes it easy to insure absolute accuracy in determining the distance of the screen plate from the wet plate.

And, altogether, it is an ingeniously designed and beautifully constructed holder, which will be found of indispensable aid to the photo-engraver.

These holders are thicker than the ordinary plate holders, and if it is desired to use them on a camera the ground glass of which is focused for the ordinary plate holder, a new ground glass frame is necessary in order to adjust the focus. When ordering a holder to fit a camera in use, send the old holder or the old ground glass frame so that the new ones can be made to fit the camera. Also state the size of largest and smallest screen plate to be used in holder.

It is made in various sizes.

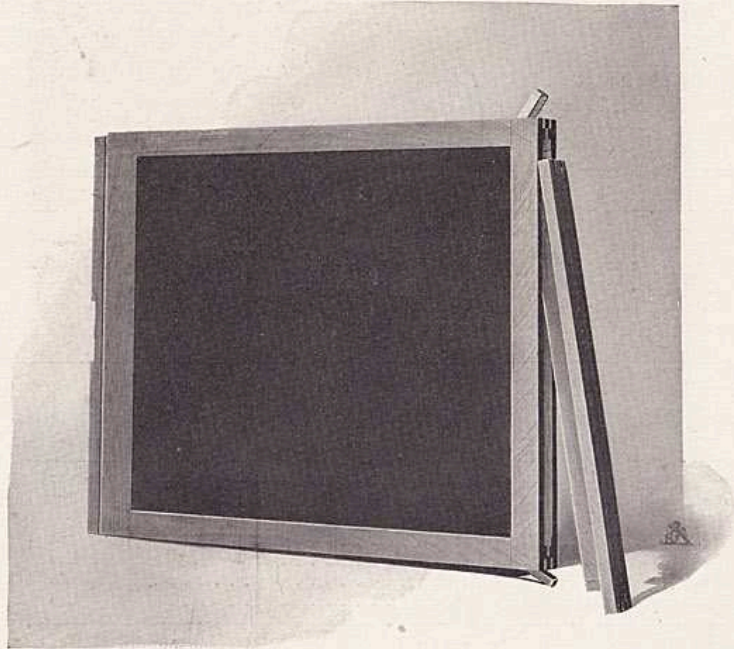
### PRICES AS FOLLOWS :

Size	Holders only	Ground Glass and Frame
8 x 10	\$28.25	\$3.00
10 x 12	36.50	3.25
11 x 14	45.00	3.50
14 x 17	50.00	4.00
17 x 20	55.00	4.50
18 x 22	60.00	5.50
20 x 24	65.00	6.50

### EXTRA PARTS OF SCOVILL-LEVY SCREEN HOLDERS

	To 11 x 14	To 20 x 24
Bottom Rail for Screen complete	\$8.25	\$9.00
Top " " " "	6.75	8.25
" " " Plate less Tips	3.00	3.75
Trough " " " "	3.00	3.75
Racks each	.75	1.00
Silver Tips	.....	.60
Aluminum Tips	.....	.20

## Anthony's Zephyr Double Dry Plate Holders



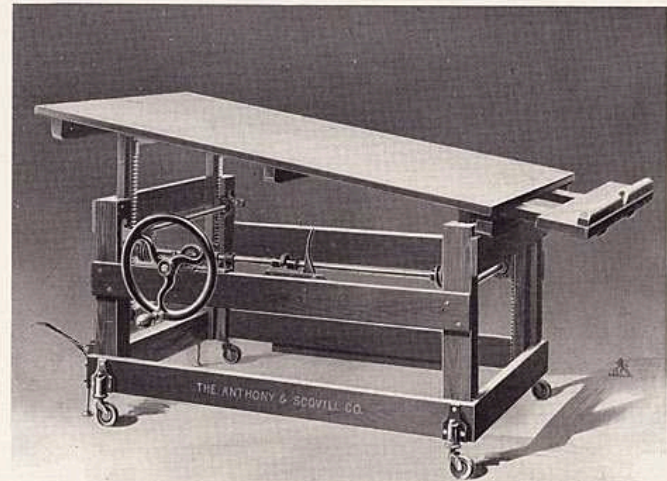
**T**HESE holders are extremely light and very strong. It is the easiest holder to load and unload, as the plates are inserted and withdrawn from the end of the holder. There is no spring to press that necessitates touching the plate with the fingers, which often scratches the negative, nor that would by shaking be liable to throw the plates out of position, as is the case with most holders which rely on a spring at the bottom of the holder to secure the plate.

The Zephyr holder has all the advantages of the English book style of holders, with the additional advantage of greater compactness and lower cost.

These holders are provided with press board slides and an ingenious device for holding the slides in place and preventing their being accidentally drawn out when the holders contain the unexposed plates. The sizes above 8 x 10 are supplied with rubber slides.

SIZE	PRICE	SIZE	PRICE
4 x 5	\$1.20		
5 x 7	1.25	10 x 12, with hard rubber slides	\$3.00
5 x 8	1.35		
6½ x 8½	1.75	11 x 14	4.50
8 x 10	2.00	14 x 17	6.00

## The New York Camera Stand



No. 1

**I**S 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. With the foot the rear caster may be thrown out of action, leaving the stand absolutely rigid and immovable. For cut of No. 1 Stand refer to illustration of New York Studio Outfit. The above cut is for the No. 2.

No. 2

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 No. 1, and the top may be lowered to a height of only 21 inches. It is the ideal studio stand.

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

### Prices

No. 1, for Cameras up to 11 x 14	\$20.50
No. 1, stand with long top for 11 x 14 portrait cameras	21.50
No. 2, for cameras up to 20 x 24	28.50
No. 3, for larger sizes	40.00

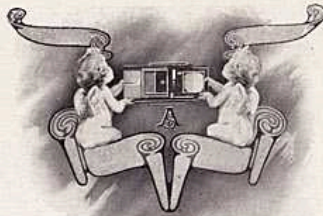
## The Greater New York Camera Stand

This camera stand is constructed on the same lines as the New York, with the following exceptions.

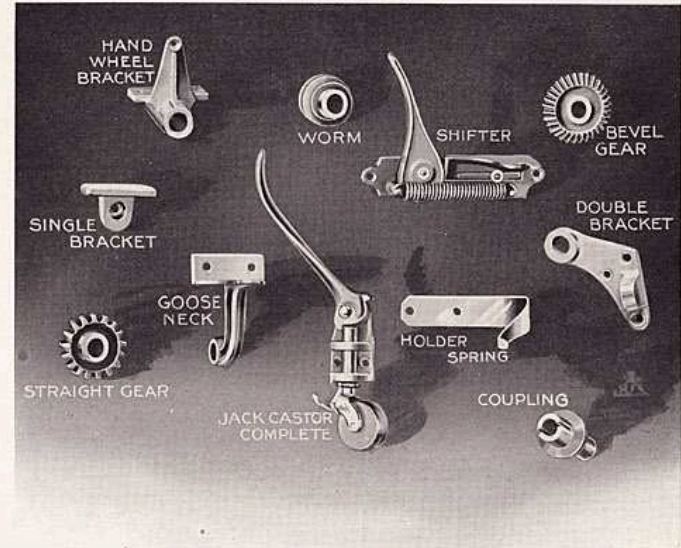
It is made of mahogany instead of mahogany stained. The top is inlaid with green baize, and what is the most important, the gearings are steel cut instead of molded.

*Prices*

- No. 1, in polished mahogany . . . . . \$48.50
- No. 2, WITH LONG TOP, polished mahogany . . . . . 58.00



## Parts and Castings for New York Camera Stand



*Price*

Double Bracket . . . . .	\$ .50
Hand Wheel Bracket . . . . .	.75
Worm . . . . .	.75
Shifter . . . . .	1.50
Bevel Gear . . . . .	.75
Single Bracket . . . . .	.35
Goose Neck . . . . .	.60
Holder Spring . . . . .	.30
Straight Gear . . . . .	.65
Jack Caster, complete . . . . .	1.50
Coupling . . . . .	.65

These parts and castings should be ordered according to the names above given.

## Extra Parts of Apparatus

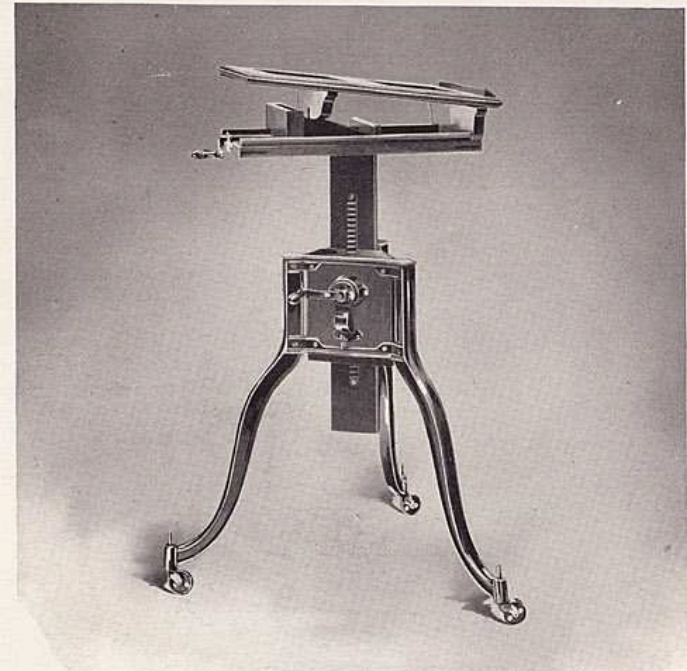
Including Slides for Holders, Front Boards, Ground Glass, Tripod Screws and Bellows

DIMENSIONS INCHES	Extra Fine Ground Glass for Cameras	Press Board Slides for Dry Plate Holders	Rubber Slides for Dry Plate Holders	Front Boards	Straight Rubber Bel- lows for Dry Plate Outfits	Cone Rubber Bellows for Reversible Back Cameras
3¼ x 4¼ . . .	\$0.08	\$0.10	\$0.20	. . . . .	\$1.00	. . . . .
4 x 5 . . .	.08	.15	.25	\$0.20	1.25	. . . . .
5 x 7 . . .	.14	.20	.35	.25	1.50	\$3.00
5 x 8 . . .	.14	.25	.40	.25	1.50	3.25
6½ x 8½ . . .	.18	.25	.50	.40	2.00	4.50
8 x 10 . . .	.26	.35	.65	.40	2.50	5.50
10 x 12 . . .	.40	.45	1.00	. . . . .	. . . . .	6.50
11 x 14 . . .	. . . . .	.50	1.25	. . . . .	. . . . .	. . . . .
14 x 17 . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
17 x 20 . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
18 x 22 . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
20 x 24 . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
25 x 30 . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .

DIMENSIONS INCHES	Stereo Partitions	Tripod Screws	Wood Slide for Holders	Extra Straight Bellows Per Section for Portrait and Enlarging Cameras	Extra Cone Bellows for Portrait Cameras
3¼ x 4¼ . . . . .	. . . . .	\$0.25	. . . . .	. . . . .	. . . . .
4 x 5 . . . . .	. . . . .	.25	. . . . .	. . . . .	. . . . .
5 x 7 . . . . .	. . . . .	.25	. . . . .	\$1.75	. . . . .
5 x 8 . . . . .	\$0.20	.25	. . . . .	. . . . .	. . . . .
6½ x 8½ . . . . .	.30	.25	. . . . .	. . . . .	. . . . .
8 x 10 . . . . .	.30	.25	\$1.25	4.50	. . . . .
10 x 12 . . . . .	. . . . .	.50	1.25	4.75	. . . . .
11 x 14 . . . . .	. . . . .	. . . . .	1.50	6.00	. . . . .
14 x 17 . . . . .	. . . . .	. . . . .	2.00	7.00	\$9.00
17 x 20 . . . . .	. . . . .	. . . . .	2.50	8.50	9.50
18 x 22 . . . . .	. . . . .	. . . . .	2.50	9.50	10.00
20 x 24 . . . . .	. . . . .	. . . . .	3.00	10.50	12.00
25 x 30 . . . . .	. . . . .	. . . . .	. . . . .	15.00	15.00

## The Knickerbocker Stand

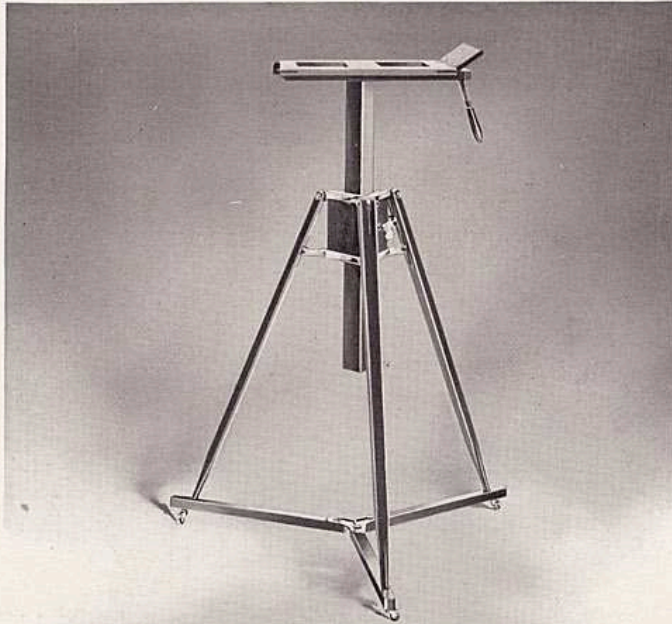


**A**RIGID and compact stand. The top is attached to the upright with screws, and the legs are firmly fastened with screws to the centre piece (which are removed when packed). The camera may be raised or lowered by means of crank shown in cut. By the use of a snake screw operating on a cog-wheel very little power is required.

*Prices*

- No. 3 for 8 x 10 Camera, with Acme Top . . . . . \$17.25
- No. 4 for 8 x 10 Camera, with Stoddard Top . . . . . 21.00

## Iron Centre Stand



**T**HIS is a favorite stand at a popular price. Amateur photographers who make a specialty of home portraiture will find this stand a great help. Furnished in cherry—iron work enameled. Good value for the money.

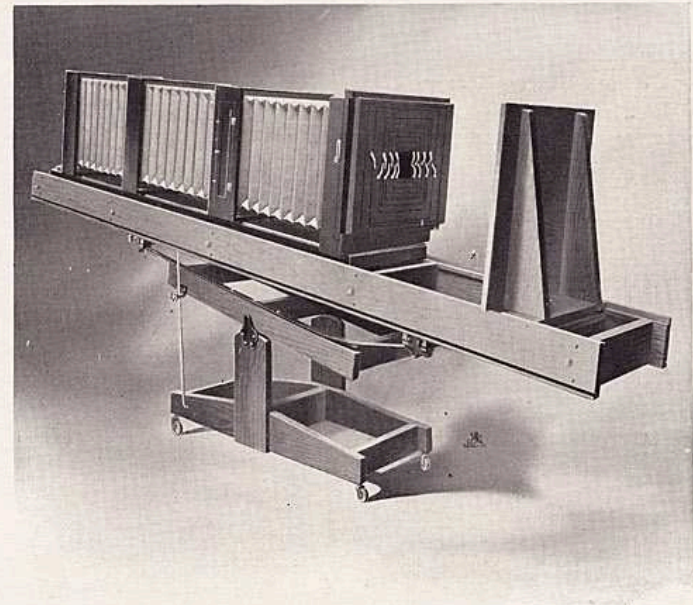
### Price

8 x 10 Camera and smaller . . . . . \$3.50

#### EXTRA PARTS

Top . . . . . \$0.90	Screws for top . . . . . \$0.15
Leg . . . . . .25	“ “ body . . . . . .15
Wood Centre . . . . . .35	Iron Bolts . . . . . .15
Wood Bracers . . . . . .60	

## Anthony's Process Camera Stand



**T**HIS stand embraces simplicity, solidity and strength. It is convenient and easy of adjustment.

The bed rests on steel springs, which effectually prevent any vibration, thus permitting negatives to be made perfectly sharp.

By new appliances the entire bed can be tilted, allowing the light to fall on the copy at any angle. By another adjustment the bed of the stand can be moved backward and forward, which enables the operator to get the copy at any distance from the light, without moving the focusing lamps.

Prices include copy board holder.

Size	Length of Bed	Price
8 x 10 Inches	8 Feet	\$18.00
10 x 12 "	9 "	24.00
11 x 14 "	10 "	28.00
14 x 17 "	12 "	32.00
17 x 20 "	15 "	35.00
18 x 22 "	18 "	38.00
20 x 24 "	20 "	45.00



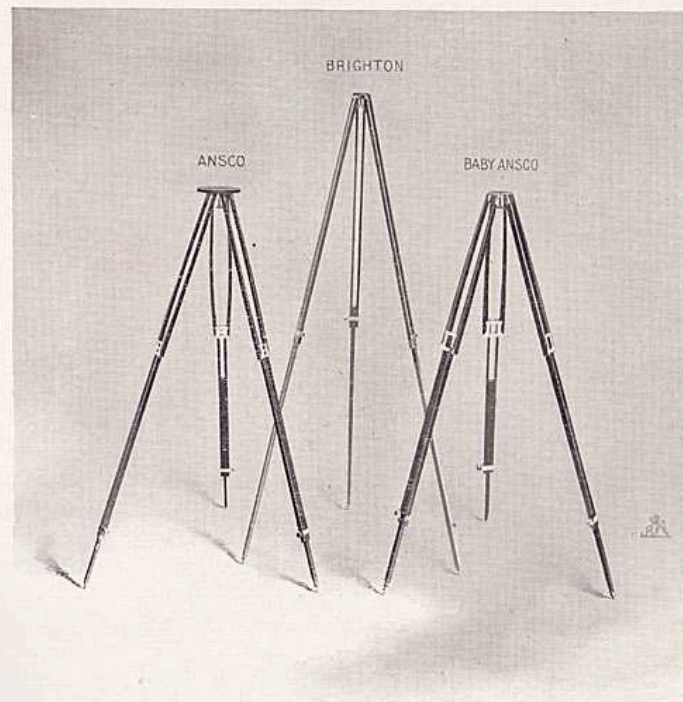
The larger sizes are made with two columns as supports, in place of one, as shown in illustration.

### Camera Swing

Suspended from the ceiling or cross-beams, overcomes vibration perfectly.

Size	Length of Bed	Price
8 x 10 Inches	8 Feet	\$ 9.00
10 x 12 "	9 "	10.00
11 x 14 "	10 "	12.00
14 x 17 "	12 "	15.00
17 x 20 "	15 "	20.00
20 x 24 "	20 "	25.00

### Tripods



No. 1 ANSCO TRIPOD

**T**HIS tripod is of very solid construction and is intended to take a camera as large as 11 x 14. It is made of ash, white shellac finish, metal shoe level with the wood, with top 8 inches in diameter, with ears screwed on underneath with lock arrangement so as to render it impossible for the legs to become detached accidentally. The top is covered with green baize.

Price . . . . . \$5.00

ANSKO TRIPOD

It is finely polished and perfectly rigid, and combines the advantages of both the folding and telescopic style of tripod. It is very compact. It can be carried in a gripsack. It is made of ash, in white shellac, with brass trimmings. It has patented lock underneath the top, which makes it impossible for the legs to become detached accidentally. It has a 4¼ inch wooden top covered with green baize. Intended for 8 x 10 camera and smaller.

Price . . . . . \$4.00

## Tripods—Continued

### ANSCO JUNIOR TRIPOD

The same as the preceding AnSCO tripods, but lighter and intended for use with cameras of small sizes only. It is light, compact and rigid.

Price . . . . . \$3.50

### THE BABY ANSCO TRIPOD

Is similar to the AnSCO Junior, but of still lighter weight. It has one sliding and one folding joint, and is specially adapted for small hand camera work.

Price . . . . . \$2.00

### THE BRIGHTON TRIPOD

This is a very practical and efficient tripod, manufactured from selected stock and finished in plain nickel. It is light, strong and inexpensive, and well adapted for use with small hand cameras.

Price . . . . . \$1.00

### JOINTED TRIPODS FOR HEAVY CAMERAS

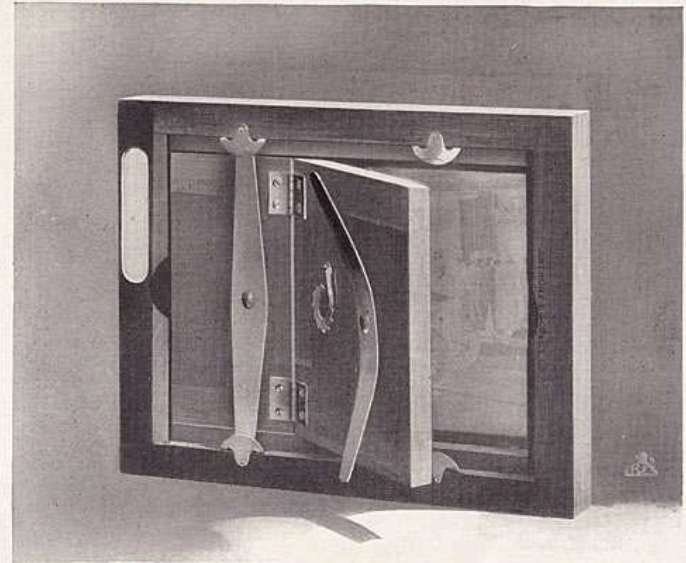
No. 1. Anthony's Improved Folding Tripod, with yellow shellac finish and nickel trimmings, 5 inch circular top, cloth covered . . . . . \$2.25

No. 2. Anthony's Improved Folding Tripod, same as above, with 8 inch top . . . . . \$2.25

No. 4. Telescopic Legs, 6 inch top, fine finish and nickel trimmings, adapted to 6½ x 8½ and 8 x 10 sizes . . . . . \$3.50

No. 5. Telescopic Legs, same as above, with 6 inch top but heavier, adapted to 11 x 14 size . . . . . \$3.75

## The Anthony Patent Improved Printing Frames



**T**HIS Printing Frame is made of the best seasoned cherry and the springs are of the best tempered brass, riveted to the back. The quality of the spring in a printing frame is of the greatest importance in securing perfect contact. These frames are provided with a washer under the spring, which saves wear and makes it easier to open the printing frame. A tongue and groove in the back where the two parts hinge prevent the possibility of light reaching the print from the rear. The frames are provided with a celluloid tablet for recording memoranda.

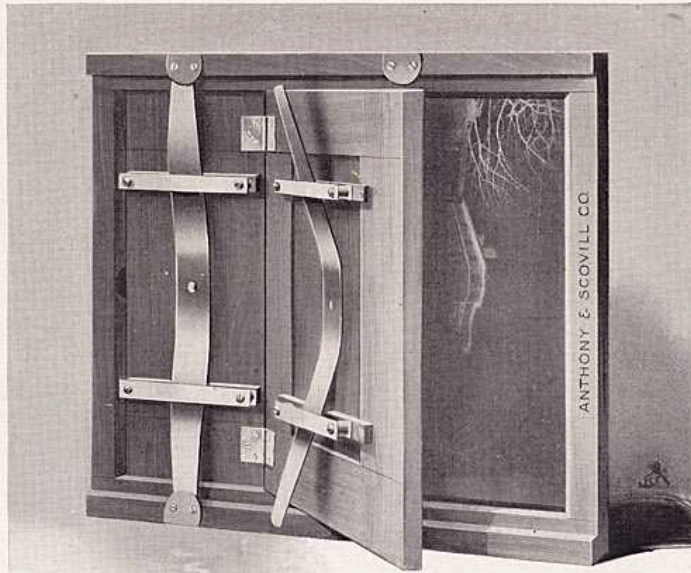
Size	Flat	Deep
3¼ x 4¼ . . . . .	\$ .36 . . . . .	
4 x 5 . . . . .	.38 . . . . .	
4¼ x 5½ . . . . .	.40 . . . . .	
4¼ x 6½ . . . . .	.42 . . . . .	
4¼ x 6½ . . . . .	.50 . . . . .	
5 x 7 . . . . .	.50 . . . . .	
5 x 8 . . . . .	.52 . . . . .	
5½ x 8½ . . . . .	.60 . . . . .	\$1.20
8 x 10 . . . . .	.75 . . . . .	1.40
11 x 14 . . . . .	1.80 . . . . .	2.40

### THE ANTHONY AMATEUR PRINTING FRAMES

These printing frames are made of light construction, and are manufactured in amateur sizes only, as follows:—

Size	Price
4 x 5 . . . . .	\$.25
5 x 7 . . . . .	.30

## Anthony's Improved Printing Frame



As will be noticed by the illustration, the pressure on the negative is equally distributed, the bearing covering eight points, thereby reducing the danger of breaking a negative to the minimum.

*Price*

14 x 17 . . . . .	\$2.75
17 x 20 . . . . .	3.50
18 x 22 . . . . .	4.00
20 x 24 . . . . .	5.00

### DEEP PRINTING FRAMES

*Price*

14 x 17 . . . . .	\$ 3.00
16 x 20 . . . . .	4.20
17 x 20 . . . . .	4.50
18 x 22 . . . . .	5.00
20 x 24 . . . . .	5.25
24 x 30 . . . . .	8.80
35 x 45 . . . . .	15.00
30 x 60 . . . . .	20.00

## Printing Frame Pads

Good felt pads for the printing frame have long been in demand. To supply this want we have provided them in the following sizes, put up in boxes of one dozen each:

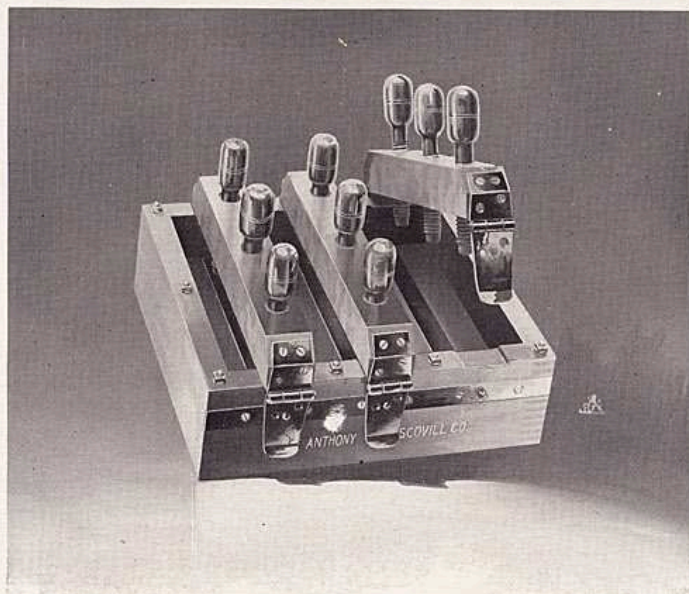
Size	Per Doz.	Size	Per Doz.
3¼ x 4¼	\$ .35	10 x 12	\$2.40
4 x 5	.40	11 x 14	3.00
4¼ x 5½	.45	14 x 17	5.00
4¼ x 6½	.60	16 x 20	7.00
5 x 7	.70	17 x 20	7.50
5 x 8	.80	18 x 22	9.00
6½ x 8½	1.08	20 x 24	9.75
8 x 10	1.75		

### SPRING REGISTERING TALLY

Which is attached to all Anthony's printing frames except the Amateur, without charge.

Price, separately . . . . . \$0.10

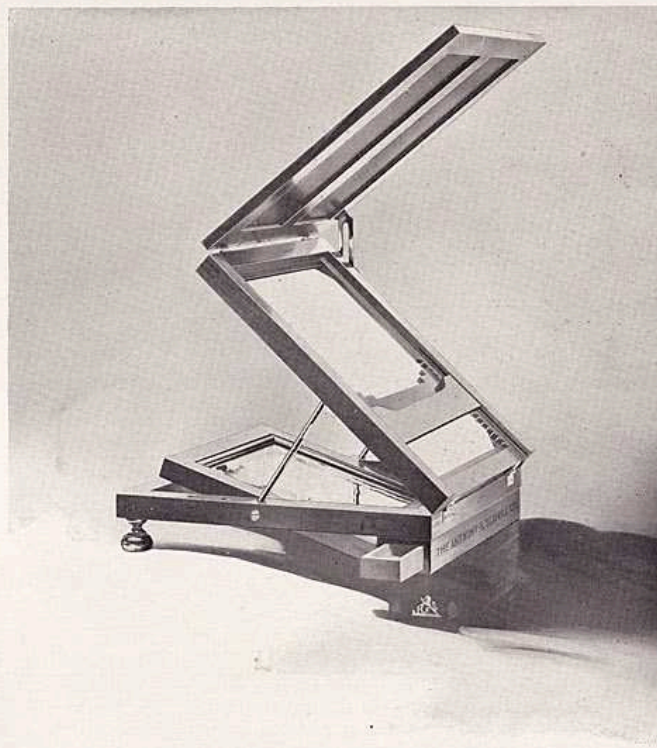
## New York Process Printing Frame



**W**ITH wooden pressure screws and iron strips for screw bearings, which are very strong and light. Bolts extend through woodwork and hinges, and clutches are made with special reference to strength and durability. Price, including one inch glass:

Size	Price	Size	Price
9 x 11	\$10.50	18 x 21	\$25.00
11 x 13	12.00	19 x 23	27.50
12 x 15	14.00	21 x 25	32.50
15 x 18	18.00	23 x 29	37.50
17 x 21	24.00		

## Improved Retouching Frame



This Retouching Frame has been on the market practically since negative retouching came into existence, and no other has so far been able to take its place.

### Price

Improved Retouching Frame, for 8 x 10 and under . . . . . \$3.00  
 Improved Retouching Frame, for 11 x 14 and under . . . . . 6.00



## New Felt Backgrounds

FOR VIGNETTES

THE advantage of "Felts" for vignettes is that they absorb rather than reflect light, as is the case with painted backgrounds, thus producing softer effects in the picture. We have them in two shades: No. E, drab; No. CC, light pink.

4 x 6 ft. . . . . \$4.00    5 x 6 ft. . . . . \$5.00    6 x 8 ft. . . . . \$6.00

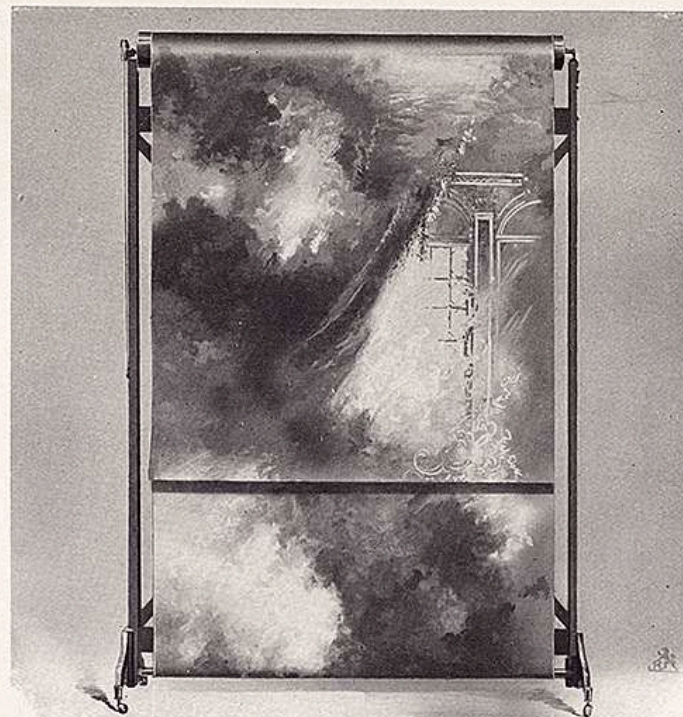
The E is for general work, and the pink is splendid for children. Send for samples.

## Backgrounds on Cotton Cloth

Interior Designs . . . . .	per sq. ft. \$	.25
Exterior " . . . . .	"	.20
Head of Bust Designs . . . . .	"	.15
Extension Floor Cloth, Plain . . . . .	"	.08
" " " with Carpet, Rug, and Tiled . . . . .	"	.10
Universal Floor Cloth, 8 x 8 . . . . .		8.00
" " " Double End, 8 x 8 . . . . .		9.00
Plain Backgrounds, any shade . . . . .	per sq. ft.	.08

Special designs painted upon burlap or duck, 5 cents per square foot additional. Floor cloths, painted in oil, 5 cents per square foot additional.

## King Belt Background and Carrier

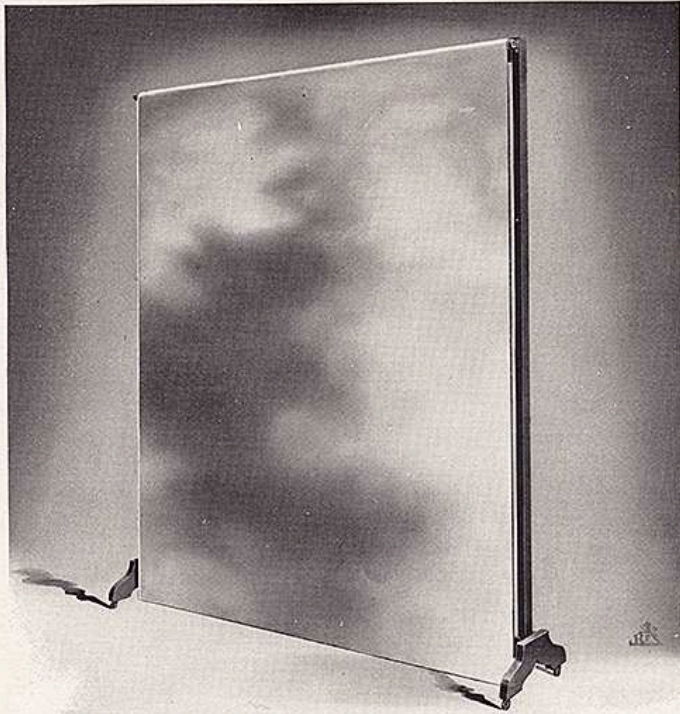


THIS carrier will be found an indispensable piece of apparatus by the portrait photographer. The ground is in the form of a continuous belt, and painted on heavy canvas (8 oz. duck) by one of the foremost scenic artists of the period whose name is known to most all photographers. The ground is 5 feet wide and 16 feet long, revolving on a roller at the top and bottom of the carrier. This arrangement provides for a great variety of artistic effects, and the changes can be made with lightning rapidity.

A photographer starting in business will make no mistake in having this carrier make up his equipment.

Price with Background, complete . . . . . \$35.00

### The Ascot Carrier with Ground

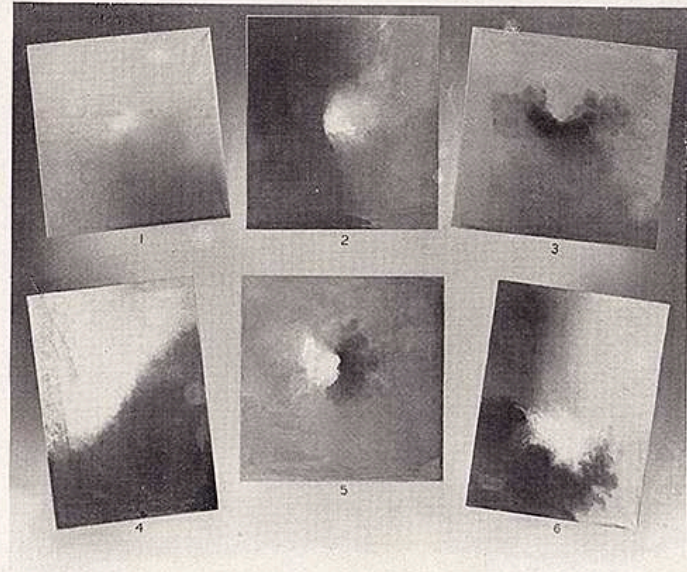


**T**HE amateur in winter generally gives special attention to portraiture at home, and for that purpose a background is almost indispensable. For that reason we have devised a portable carrier or easel for backgrounds. This carrier is made with socket joints and may be taken apart and packed away in very small compass. It is fitted with a background 5 x 6 feet square, on the best quality Hartshorn roller, which keeps the background in perfect condition, and it is a very valuable help to the amateur in producing good pictures at home.

*Price*

Carrier complete with Ground . . . . . \$5.00

### Anthony's New Amateur Backgrounds 5 x 6



MADE IN SET OF SIX DESIGNS

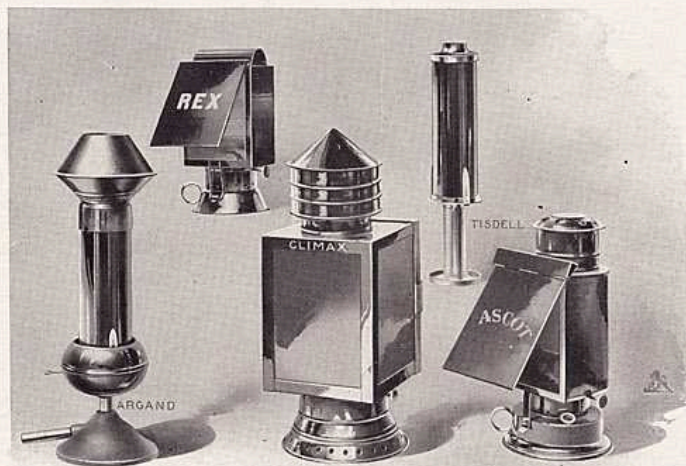
**A**NTHONY'S new amateur grounds are painted in a new oil preparation, which makes them very desirable for the amateur's use. The paint will not rub off, does not crease when rolled, is without dust or dirt, and is free from the disagreeable odor so common with ordinary grounds.

Each background is on an individual roller, and wrapped ready for shipment.

Single Ground . . . . . \$1.50

When ordering less than complete set, be sure to designate the number of design or designs wanted.

## Dark-room Lamps



### ARGAND GAS BURNER WITH RUBY CHIMNEY

**T**HIS burner may be attached to any ordinary gas bracket. It is made so that it intercepts the downward radiation of light with protection at the top of the same kind as provided with the oil lamps. The chimney is not made of the ordinary ruby glass, but of what is known as copper-flashed.

Price of the Ruby Gas Burner and Chimney . . . . . \$2.50  
 Extra Ruby Chimneys . . . . . .30

These burners are also manufactured with metal stands, with a connection for rubber hose, by which they may be used at any distance from the gas bracket.

Price of Stand . . . . . \$ .50

### ANTHONY'S CLIMAX DARK-ROOM LANTERN

This is the best lantern of its price and kind to be found. It has three large illuminating surfaces and reflector. The glass is of the correct non-actinic hue.

Price . . . . . \$2.00

## Dark-room Lamps—Continued

### THE TISDELL CANDLE RUBY LIGHT

Lighted by one-half of a common sperm candle. It is the most compact and easily carried developing lamp on the market. It is neatly contained in a tube shaped metal case.

Price complete . . . . . \$1.00  
 Extra Ruby Chimneys (each) . . . . . .30

### THE LITTLE GIANT CANDLE LANTERN

This lantern is light and for its exceeding low price cannot be equalled, and is well adapted for the requirements of the amateur. Its construction is simple. The light is brilliant and steady and the lantern can be packed and carried without fear of soiling by the leakage of grease or oil.

Price . . . . . \$ .30  
 Extra Light (each) . . . . . .02

### THE ASCOT LAMP

This lamp is provided with both orange and ruby glass, 4 x 5 inches in size, which slide in separate grooves. The light is therefore absolutely safe. It burns kerosene oil. The wick is controlled from the outside, and as the back of the lamp is semi-circular, it acts as a reflector. All seams are lapped. It is enameled in black and is provided with a detachable oil receptacle.

Price . . . . . \$ .75

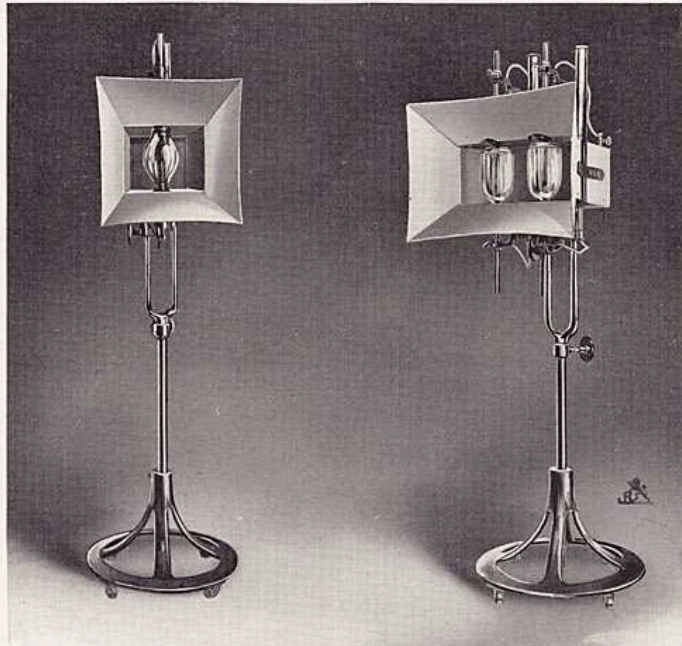
### REX LAMP

Is a compact ruby lantern, burning kerosene oil. The wick is controlled by an exterior thumb screw. It is fitted with a detachable tank for oil, and the ruby glass measures 2 7/8 x 4 inches.

Price . . . . . \$ .50



## Anthony's Automatic Electric Focusing Lamps



**T**HESSE lamps are made to operate singly or in series, on 110, 220 or 500 volts D. C. incandescent circuits.

The mechanism is simple and rigid, and will not get out of order through ordinary use.

They feed automatically, and burn in any position.

An improved reflector is provided which does not cast shadows.

The lamps are on adjustable stands, with or without rollers.

We guarantee the lamps in every respect, and will send them to any responsible party with the understanding that they may be returned should they not prove as represented.

### PRICE LIST DIRECT CURRENT. AUTOMATIC LAMPS.

Amperes	Volts	Price
20-30 in Multiple . . . . .	110	\$50.00
20-30 in Series . . . . .	110	50.00
20-30 in Multiple . . . . .	220	60.00
20-30 in Series . . . . .	220	50.00
30-50 in Multiple . . . . .	110	60.00
30-50 in Series . . . . .	110	60.00
30-50 in Multiple . . . . .	220	70.00
30-50 in Series . . . . .	220	60.00

### ALTERNATING CURRENT. AUTOMATIC LAMPS

20-30 . . . . .	52 or 104	\$60.00
30-50 . . . . .	52 or 104	70.00

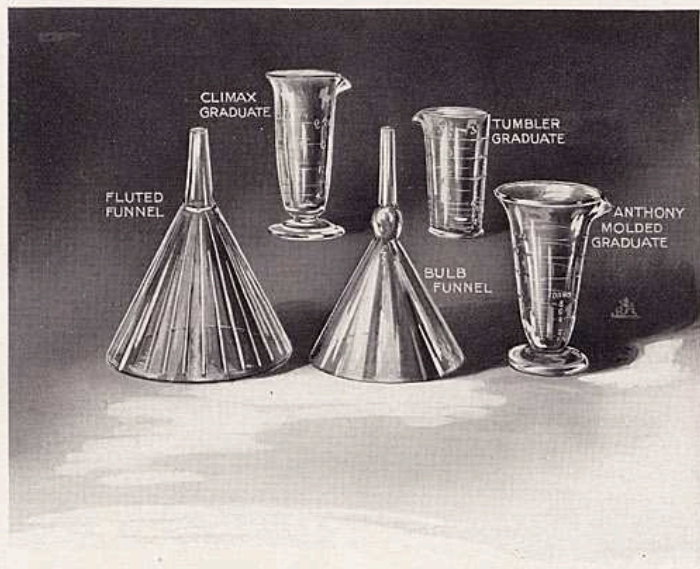
Weight of lamp complete, about 45 lbs.

When ordering lamps, state whether the continuous or alternating system of lighting will be used, together with the voltage of the same, and whether to operate singly or in series.

### CARBONS

Imported, $\frac{3}{16}$ x 12 inch, Cored, per 100 . . . . .	\$3.40
" $\frac{3}{16}$ x 7 " Solid " 100 . . . . .	3.25

## Glass Graduates and Funnels



### ANTHONY'S MOLDED GRADUATES

The Molded graduates are of uniform size and accurate markings, differing in this particular from many of those ordinarily sold, which are of blown glass, and, being registered according to a given rule, the least variation in form or thickness of the graduate renders the marking inaccurate. Made in the following sizes.

#### WARRANTED ACCURATE

Size	Price	Size	Price
Minim	\$.25	6 ounce	\$.35
2 dram	.25	8 "	.45
½ ounce	.17	12 "	.55
1 "	.17	16 "	.65
2 "	.20	24 "	.80
3 "	.25	32 "	1.15
4 "	.30	64 "	4.00

### CLIMAX GRADUATES

The measuring lines of this graduate are sunk into the glass and the figures are raised, thus permitting of easy reading, even in the dark-room.

1 oz.	\$.15
2 "	.16
4 "	.20
8 "	.30
16 "	.40

### TUMBLER GRADUATE

Is a low priced graduate of excellent make and material. It is manufactured in four sizes only, as noted below. Its figures are in relief on the surface.

2 oz.	\$.08
4 "	.10
8 "	.20
16 "	.35

### ANTHONY'S COMBINED BULB FUNNEL AND 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, caused by the cotton being compressed too tightly.

The sizes and prices are as follows:

Half pint	\$.35
Pint	.40
Quart	.50
Half Gallon	1.00

### THE PATENT FLUTED FUNNEL

These are the best glass funnels made. They are very strong; are made in molds; 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, and accomplishing the filtration in a fraction of the time heretofore required. Another advantage of this funnel is, the outside of the neck is fluted, and the lower end beveled, so as to provide for the escape of air and to prevent overflowing.

Quarter pint	\$.15	Quart	\$.30
Half pint	.15	Two quarts	.45
Pint	.20		

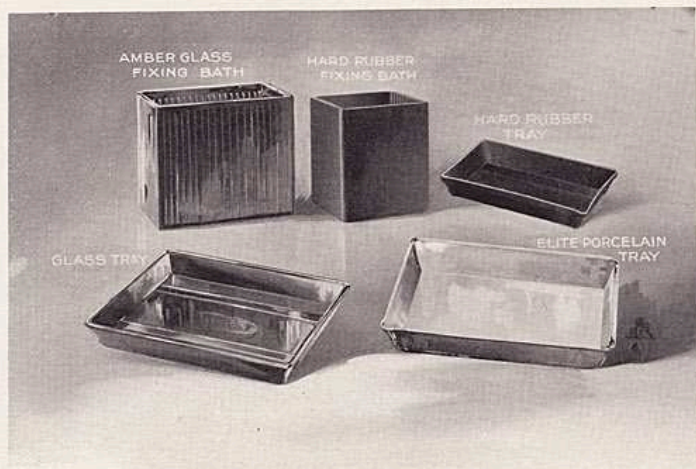
### PLAIN GLASS FUNNELS

Quarter pint	\$.15	Two quarts	\$.40
Half pint	.15	Gallon	.75
Pint	.20	Two gallons	1.25
Quart	.25		

### HARD RUBBER FUNNELS

No. 0, Quarter pint	\$.40	No. 2, Pint	\$.55
" 1, Half pint	.50	" 3, Quart	.60

## Trays and Fixing Baths



### AMBER GLASS FIXING BATHS

THESE baths are made of heavy amber glass, grooved to hold plates of the several sizes for which they are intended. They are easily kept clean and can not warp or get out of shape.

#### Price

No. 1, for 12 4 x 5 plates . . . . .	\$1.25
No. 2, for 12 5 x 7 plates, or 18 4 x 5 plates . . . . .	1.50

### HARD RUBBER FIXING BATHS

4 x 5 . . . . .	\$2.50
5 x 7 . . . . .	3.05
6½ x 8½ . . . . .	4.10
8 x 10 . . . . .	4.60

### HARD RUBBER TRAYS

These goods, manufactured of genuine hard rubber, have been long and favorably known to the profession, and meet with universal approval.

Size	Price
4¼ x 5¼ . . . . .	\$.67
5¼ x 7¼ . . . . .	.83
5½ x 8½ . . . . .	.95
7 x 9 . . . . .	1.16
8½ x 10½ . . . . .	1.50
10½ x 12½ . . . . .	2.20
12 x 16 . . . . .	3.40
15 x 19 . . . . .	5.75
18 x 22 . . . . .	7.30
19 x 24 . . . . .	8.20
21 x 26 . . . . .	10.25

## Trays and Fixing Baths—Continued

### THE EMPIRE HARD RUBBER TRAYS

These trays are deeper than any heretofore offered to the trade in the smaller sizes, and as deep as any in the larger sizes. Following are the sizes and prices:

Size	Price	Size	Price
4¼ x 5¼ . . . . .	\$.50	7 x 9 . . . . .	\$.94
5¼ x 7¼ . . . . .	.61	8½ x 10½ . . . . .	1.21
5½ x 8½ . . . . .	.72		

### ANSCO DEVELOPING TRAYS

The Ansco tray is not easily broken, and is not affected by the action of chemicals. It is a composition tray, much the same in appearance as a hard rubber tray.

Size	Price	Size	Price
3¼ x 4¼ . . . . .	\$.12	5 x 8 . . . . .	\$.39
4 x 5 . . . . .	.17	6½ x 8½ . . . . .	.70
5 x 7 . . . . .	.35	8 x 10 . . . . .	.95

### GLASS TRAYS

Clear or Amber, for 4 x 5 plates or under . . . . .	\$.16
" " " 5 x 8 " " . . . . .	.25
" " " 7 x 9 " " . . . . .	.40
" " " 8 x 10 " " . . . . .	.50

### PORCELAIN EVAPORATING DISHES

These are the genuine imported; cheaper goods are on the market, but are not reliable.

No.	Diam.	Containing	Price
00	16	3 gallons	\$5.00
0	15	2 "	3.50
1	13	1 "	2.10
2	12	3 quarts	1.75
3	11	2 "	1.30
4	10	3 pints	1.00
5	9	2 "	.85
6	8	24 ounces	.75
7	7	20 "	.65

### ELITE PORCELAIN LINED TRAYS

These trays have been introduced to meet the demand for a strong tray with a fine surface, such as porcelain, that can be readily kept clean, yet not be so fragile as the porcelain trays, and at the same time less expensive. These trays will fulfill the above requirements, and are proof against any acids used in the photographic business.

In ordering please state number.

## Trays and Fixing Baths—Continued

### Prices

No.	FOR PLATE	INCHES DEEP	EACH
1—4¾ x 5¾	4 x 5	1¼	\$ .25
2—5¼ x 7¾	5 x 7	1½	.50
3—5½ x 8¾	5 x 8	1½	.63
4—7¼ x 9½	7 x 9	1½	.75
5—8¼ x 10½	8 x 10	1¾	1.13
6—10¼ x 12½	10 x 12	2	1.70
7—12¼ x 15½	11 x 14	2¼	2.25
8—13½ x 17½	12 x 16	2¾	2.63
9—15 x 17¾	14 x 17	2½	.75
10—17 x 21	16 x 20	2½	4.50
11—19 x 23	18 x 22	2¾	6.00
12—21 x 25	20 x 24	3	7.00
13—23 x 28	22 x 27	3¼	9.00

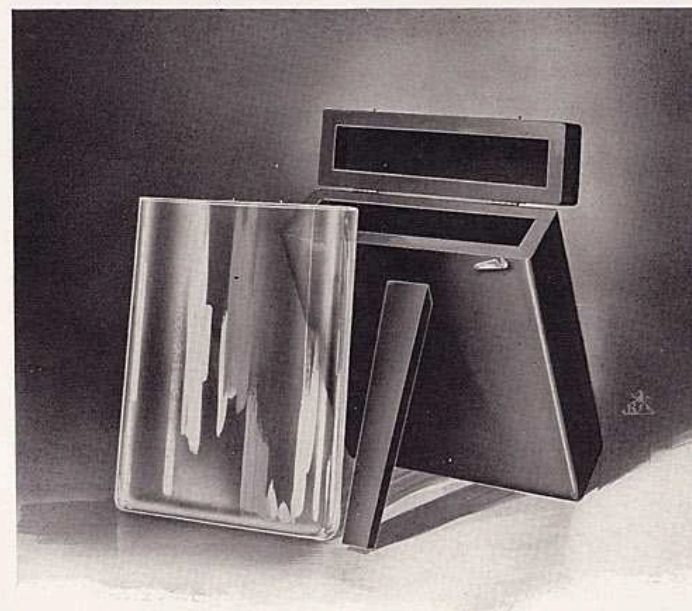
## PORCELAIN TRAYS

### Price

SIZE	SHALLOW	DEEP	SIZE	SHALLOW	DEEP
5 x 7	\$ .44	\$.62	11 x 14	\$2.16	\$2.64
5½ x 8½	.60	.75	14 x 17	5.10	6.00
7 x 9	.66	.82	16 x 20	6.28	8.00
8 x 10	.82	1.00	19 x 23	11.60	14.50
10 x 12	1.32	1.66	20 x 24	12.88	16.00

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

## Anthony's Glass Baths in Boxes



### WITHOUT BOX

Size	For Plate	Price	Size	For Plate	Price
5 x 7	4¾ x 5½	\$0.90	15 x 20	14 x 17	\$15.00
7 x 10	6½ x 8½	1.20	16 x 20	14 x 17	18.00
9 x 11	8 x 10	1.80	18 x 22	17 x 20	27.00
11 x 14	10 x 12	3.00	21 x 26	20 x 24	50.00
12 x 16	11 x 14	6.00			

### WITH BOX

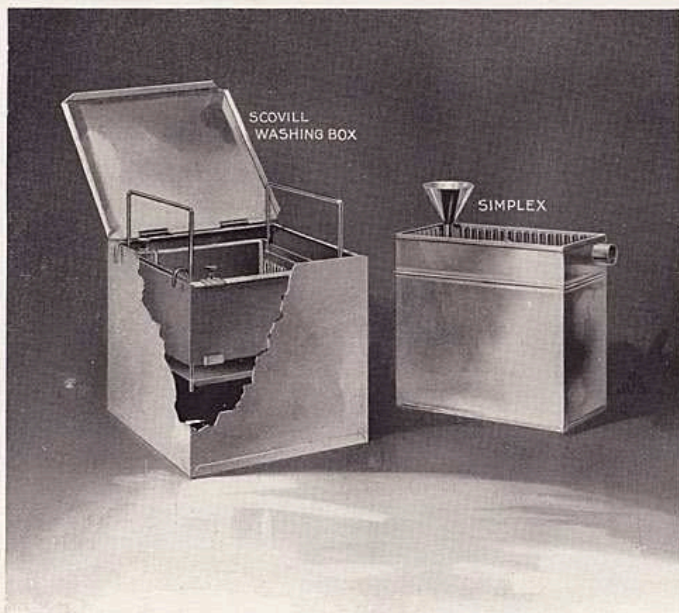
Size	For Plate	Price	Size	For Plate	Price
5 x 7	4¾ x 5½	\$1.65	15 x 20	14 x 17	\$17.50
7 x 10	6½ x 8½	2.10	16 x 20	14 x 17	20.50
9 x 11	8 x 10	3.05	18 x 22	17 x 20	30.00
11 x 14	10 x 12	4.25	21 x 26	20 x 24	54.00
12 x 16	11 x 14	7.35			

### HARD RUBBER DIPPERS

No.	Size	Price	No.	Size	Price
4	5 x 7	\$.41	7	12 x 16	\$0.70
5	7 x 10	.46	8	14 x 18	.92
6	9 x 11	.52	9	17 x 20	1.15
6½	10 x 12	.58	10	19 x 24	1.67

Extra Dipper Buttons \$1.50 per dozen.

## Washing Boxes



### THE SCOVILL NEGATIVE WASHING BOXES (PATENTED)

THE Scovill Negative Washing Boxes are now made adaptable and so that plates may be taken out without putting the fingers in the washing water. (See illustration). The perforated bottom prevents water from passing through the box with too great force, and distributes it so that every plate and every portion of a plate is equally washed.

#### PRICE LIST (ADAPTABLE)

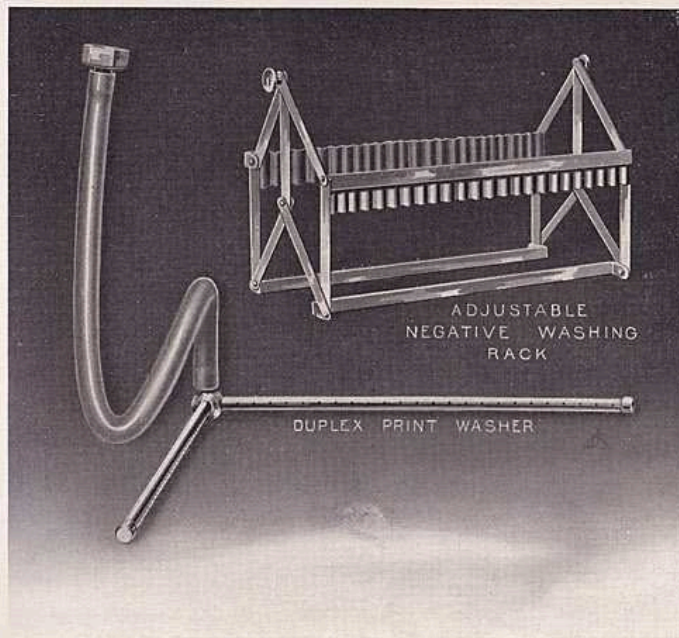
Size of plates and smaller sizes	Price
4 x 5	\$1.75
4½ x 5½	1.90
4½ x 6½	2.00
5 x 7	2.00
5 x 8	2.00
6½ x 8½	2.00
8 x 10	2.25
8 x 10	4.00
Adjustable Washing Box	4.00

Adjustable for 6½ x 8½, 5 x 8, 5 x 7, 4 x 5, 3¼ x 4¼ plates. All sizes to be washed at once.

#### SIMPLEX WASHING BOX

No. 1 . . . . . \$1.00 No. 2 . . . . . \$1.25

## Adjustable Negative Washing Rack



THIS negative rack is made entirely of metal, and is fastened at the joints with rivets. It can be opened or closed to take any sized negative from 3¼ x 4¼ to 5 x 7 inclusive. The joints are held in place after being opened to the proper size by binding nuts at either end.

Adjustable Negative Washing Rack . . . . . \$1.25

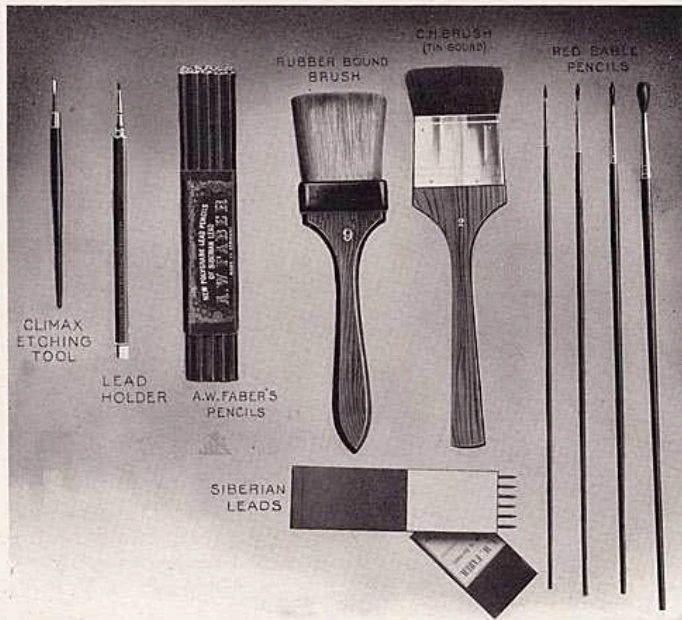
## Duplex Print Washer

THE handiest washing arrangement for prints. May be adapted to any large tray or dish. Is furnished with hose for immediate attachment to the faucet. A continuous change of water is insured, and rapid washing is easily effected. Use your own tray; any size from 11 x 14 up will do.

They are cheaper than trays or sinks for washing prints, and much more effective in removing every trace of hypo.

Price . . . . . \$2.00

## Brushes and Retouching Pencils



### RETOUCHING PENCILS

Faber's Holders for Leads, including one lead . . . . . \$ .25

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

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

## Brushes and Retouching Pencils—Continued

### SIBERIAN PENCILS

	Per Doz.	Each
2 B to 6 H. . . . .	\$1.10 . . . . .	\$ .10
3 B " 6 B. . . . .	1.25 . . . . .	.13
2 B " 6 H, Leads . . . . .	1.10 . . . . .	.10
3 B " 6 B, " . . . . .	1.25 . . . . .	.13

### CAMEL'S HAIR DUSTERS

These brushes are well made, of selected stock, strongly bound in tin, and thoroughly good in every way.

Size	Per Dozen	Each
1 in . . . . .	\$2.25 . . . . .	\$0.20
1½ " . . . . .	3.45 . . . . .	.30
2 " . . . . .	5.00 . . . . .	.45
2½ " . . . . .	7.40 . . . . .	.65
3 " . . . . .	9.25 . . . . .	.80

### HARD RUBBER SET AND BOUND PHOTOGRAPHERS' BRUSHES

The bristles of these brushes are secured to the handle by first immersing the butts or stiff ends in soft rubber. They are then put upon the end of the handle,—not around it, as in the old way; a belt of rubber combined with metal is wound around the whole, covering the butt of the bristles, and conforming to a groove running around the adjoining end of the handle. The portion of the brush covered with rubber and metal is then placed in a die and vulcanized, or hardened, under heat and pressure. The result is a solid vulcanized head, in which the bristles are so thoroughly imbedded that it is impossible for them to get loose, no matter in what solution they may be used. The handle being dovetailed into the head is also firmly secured. In addition to superior mode of manufacture these brushes contain more and better bristles than the ordinary kind.

Width	Each
1 inch Camel's hair . . . . .	\$0.38
1½ " " " . . . . .	.57
2 " " " . . . . .	.85
2½ " " " . . . . .	1.10
3 " " " . . . . .	1.50
1 " Bristle, paste . . . . .	.20
1½ " " " . . . . .	.25
2 " " " . . . . .	.35
2½ " " " . . . . .	.45
3 " " " . . . . .	.50
4 " " " . . . . .	.85

### RED SABLE PENCILS—FIRST QUALITY

Size Nos.	Price Per Dozen	Price Each
1 to 6 . . . . .	\$1.00 . . . . .	\$0.10
7 " 12 . . . . .	1.25 . . . . .	.12

## Brushes and Retouching Pencils—Continued

### BRISTLE BRUSHES

These brushes are well made, of selected bristles, are strongly bound in tin, and will be found thoroughly reliable.

Size	Price Per Dozen	Price Each
1 in . . . . .	\$1.20	\$.12
1½ " . . . . .	1.80	.20
2 " . . . . .	2.40	.25
2½ " . . . . .	3.00	.30
3 " . . . . .	3.60	.40

### POWDERING BRUSHES

#### CAMEL'S HAIR, HEAVY

	Each
2 inch . . . . .	\$.65
2½ " . . . . .	.80

#### FITCH HAIR, HEAVY

	Each
2 inch . . . . .	\$.65
2½ " . . . . .	.80

### EXTRA HEAVY CAMEL'S HAIR POWDERING BRUSHES

	Each
5 inch wide, ¾ inch thick . . . . .	\$4.35
6 " " ¾ " " . . . . .	5.25
7 " " ¾ " " . . . . .	6.45

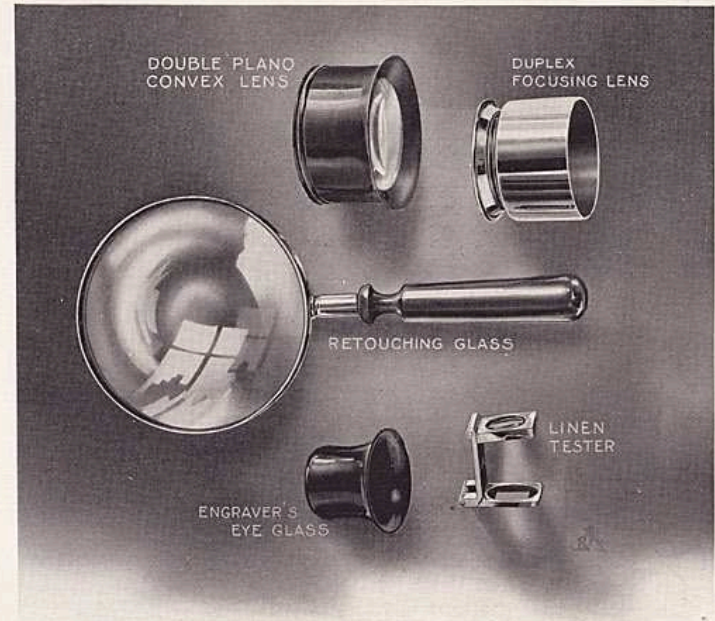
### CLIMAX ETCHING TOOL

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

Made from the finest tempered steel.

Price . . . . .	\$0.50
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## Magnifying Glasses



### LINEN TESTERS

These are very powerful, compact and inexpensive magnifying glasses, and are used for counting lines in half-tone screens and the dots in negatives and proofs.

	Brass Lacquered	Nickeled
¼ inch aperture . . . . .	each, \$0.35	\$0.65
½ " " . . . . .	" .40	.70
1 " " . . . . .	" 2.60	3.30

### ENGRAVER'S EYE GLASS

#### RUBBER FRAME

Assorted foci from 2 to 4 inches.

Price . . . . .	each, 35 cents
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### RETOUCHING GLASSES

No. 252, 2 inch lens . . . . .	each \$0.70
" 254, 2½ " " . . . . .	" .90

## Magnifying Glasses—Continued

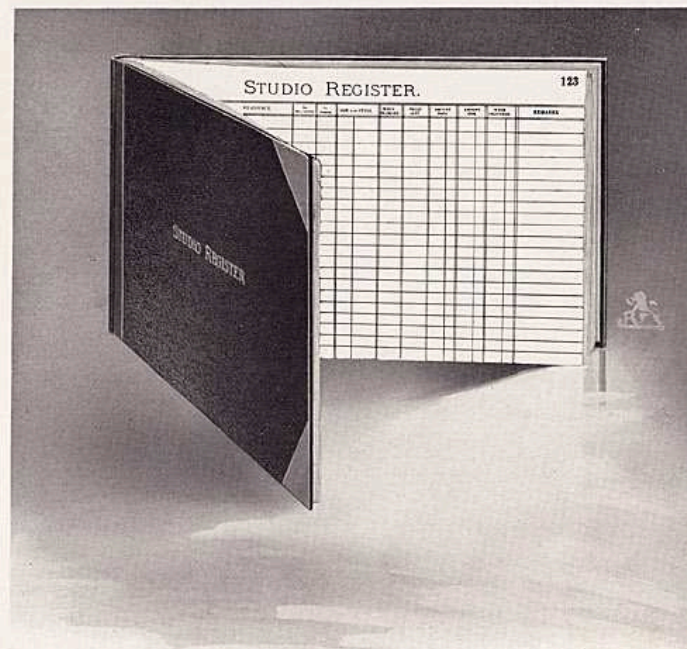
### RETOUCHING GLASSES

No. 256	3	inch Lens	.....	each, \$1.25
" 258	3½	" "	.....	" 1.75
" 260	4	" "	.....	" 2.25
" 261	4½	" "	.....	" 2.75

### DOUBLE PLANO-CONVEX LENSES

1½ inches diameter	.....	each, \$1.40
1⅝ " "	.....	" 1.65
1¾ " "	.....	" 2.00
2 " "	.....	" 2.50

## Studio Register



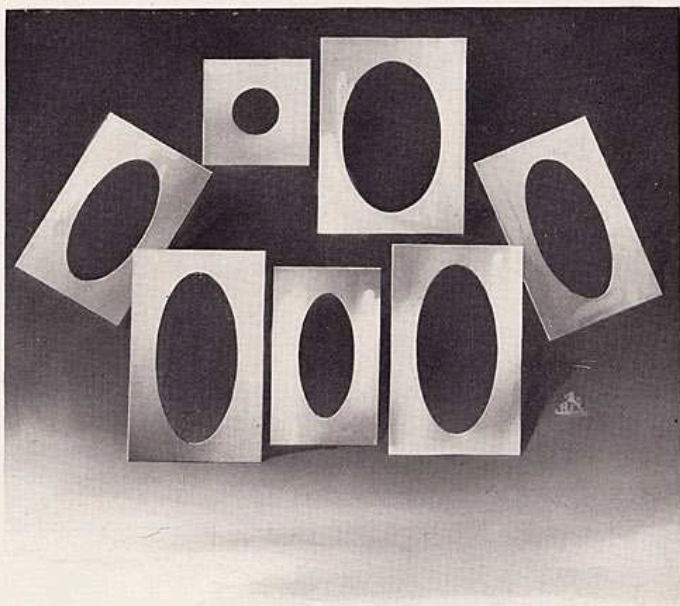
THE full size of sheet, as used in the book is 8¼ x 14 inches. There are twenty lines on a page, all pages alike. The books are well bound, with leather back and corners, cloth sides and index in front. No well regulated gallery should be without one of these very useful books. Use it a week and you would not be without it for ten times the price.

### Price

No. 1.	160	pages, each	.....	\$2.75
" 2.	240	" "	.....	3.50
" 3.	320	" "	.....	4.25
" 4.	400	" "	.....	5.00



### Cut-out Forms



#### BRASS CUT-OUT FORMS

Are made in the following sizes and shapes:

No.	Inches	No.	Inches
0—Oval	1 3/8 x 2 1/4	6—Circle	3 3/4
1—"	2 x 2 3/4	7—"	3 3/4
2—"	2 3/8 x 4 1/8	8—Oval	2 1/2 x 3 1/2
3—"	3 1/2 x 5	9—"	1 7/8 x 3 5/8
4—"	3 3/4 x 5 3/4	10—"	2 3/4 x 5 1/4
5—Circle	3	11—"	3 x 6 1/2

Price per dozen . . . . . \$3.00; Each . . . . . \$0.30

#### TRANSPARENT CELLULOID FORMS

These cut-outs are convenient in trimming to special shapes and sizes, as, being transparent, the form may be moved about on the picture to be trimmed until the desired shape is found, the whole print being visible during the operation.

No.	Price	No.	Price
1—2 x 2 3/4 Ovals	\$.25	11—3 x 6 1/2 Ovals	\$.50
8—2 1/2 x 3 1/2 "	.30	4—3 3/4 x 5 1/4 "	.50
9—1 3/4 x 3 3/8 "	.35	6—2 3/8 in. Circles	.30
2—3 1/2 x 4 1/8 "	.40	5—3 " "	.35
10—2 3/4 x 5 1/4 "	.40	7—3 3/4 " "	.40
3—3 1/2 x 5 "	.40	12—2 1/2 x 6 1/2 "	.40

### Manning's Masks

**R**EDUCED facsimile of a picture showing result obtained from one design will be sent on application. Assortments No. 1 or No. 2 produce this effect.

Reduced facsimile of a picture showing result obtained from one design will be sent on application. Assortments No. 11 or No. 12 produce this effect.

Assortments No. 1 and No. 2 can be used with the regular size printing frame according to the size of the negative, the picture produced being surrounded by black border with white margin in fancy design. These masks cut out all imperfect corners and edges of a negative.

Assortments No. 11 and No. 12 require a larger size printing frame than the size of the negative, but produce a picture the full size of the negative with a handsome border in black and white. The small expense necessary to procure a new printing frame is fully justified by the results obtained.

Assortment No. 3 contains 12 masks, consisting of plain ovals, circles, squares and round corner squares, three graduated sizes of each design. Use with ordinary printing frame according to size of negative.

Assortment No. 5 contains 12 designs, consisting of star, shield, fancy circles and other irregular figures. This package is recommended as first-class and sure to please. Use with ordinary printing frame according to size of negative.

#### PRICE LIST

Sizes Made	Assortment No. 1	Assortment No. 2	Assortment No. 3	Assortment No. 5	Assortment No. 11	Assortment No. 12
2 1/4 x 3 1/4 2 1/2 x 4 1/4 3 1/2 x 3 1/2 2 1/4 x 4 1/4 4 1/4 x 4 1/4 4 x 5	25 cents each size	25 cents each size	Furnish for 4 x 5 5 x 7 Cab. } 25 cents each size	25 cents each size	25 cents each size	25 cents each size
Cabinet } 3 7/8 x 5 3/8 } Nos. 1 and 3 only						
5 x 7 4 3/4 x 6 1/2	25 cents each size	25 cents each size	25 cents each size	25 cents each size	35 cents each size	35 cents each size
6 1/2 x 8 1/2 8 x 10	50 cents each size	50 cents each size	50 cents each size	50 cents each size		

### Olmsted's Lantern Slide Mat

**T**HIS is, without doubt, the most convenient form of lantern slide mat. It is so constructed that with the aid of a knife, and without the use of a rule, an opening of any size or shape can be cut in a few seconds. It combines every desirable feature, including place for name and number and indicating mark.

Price per 100 . . . . . \$75

#### LANTERN SLIDE MATS

For transparencies. Fifty mats in each package.

Price, per package . . . . . \$0.50

## Glass for Lantern Slides

### DIAMOND COVERING GLASS FOR LANTERN SLIDES

The glass sold under this name is cut with extreme accuracy, is perfectly flat, clear, brilliant and transparent, and of very pure quality. It is entirely free from waves and inequalities, and is only one-twentieth of an inch in thickness.

3¼ x 4 . . . . . per dozen, \$0.30

3¼ x 4 . . . . . per gross, 3.00  
(Put up two dozen in a package.)

### COVERING GLASS FOR LANTERN SLIDES

This glass is  $\frac{1}{30}$  inch thick, and perfectly colorless.

3¼ x 4 . . . . . per dozen, \$0.30

## The Anso Automatic Scales



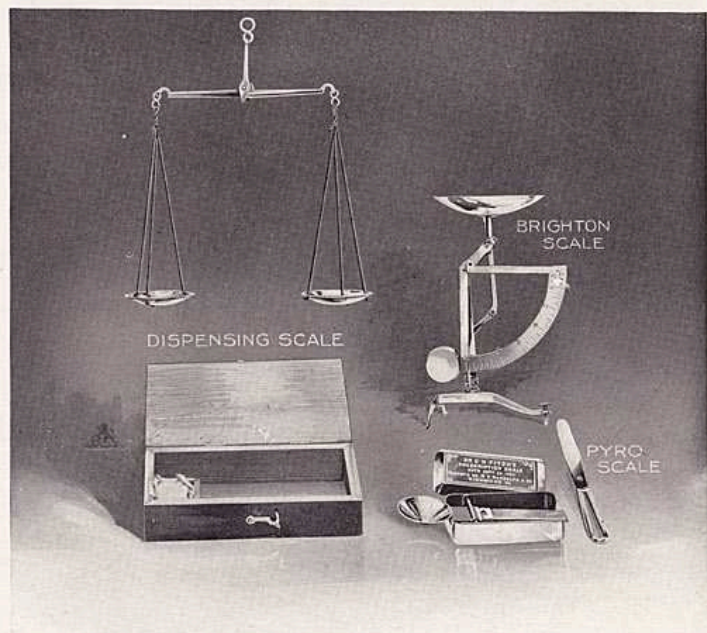
These scales are made in three different sizes and are constructed on such scientific lines that they are absolutely reliable.

Anso scale No. 1 has a capacity of 2 ounces by scruples.  
Price . . . . . \$1.50

Anso scale No. 2; capacity one pound; divided in half ounces.  
Price . . . . . \$1.50

Anso scale No. 3; capacity 2 pounds; divided in half ounces.  
Price . . . . . \$1.80

## The Brighton Scale



The Brighton Scale has a capacity up to six ounces and is light and compact and complete in itself. It has no weights, nor intricate parts.

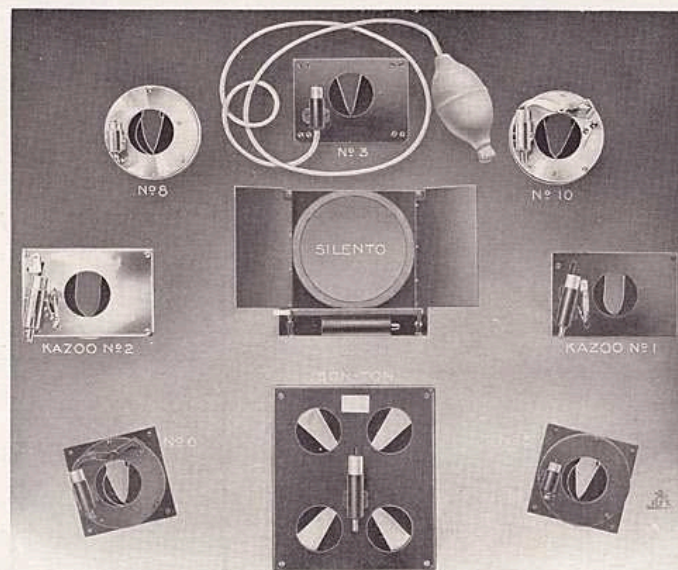
Price . . . . . \$ .50

## Patent Pocket Pyro Scales

Capacity from one-half to twenty grains. No weights to lose; can be carried in the vest pocket; always ready and convenient; every photographer should have one.

Price . . . . . \$1.25

## The Low Shutters



**E**ACH shutter is carefully inspected before leaving the factory, and all are guaranteed to be perfect and well made, and we can confidently recommend them to all who desire a thoroughly good shutter for either gallery or out-of-door work.

The Low shutter is the recognized studio shutter. It does entirely satisfactory work and is sold at a moderate price. The mechanism is simple and the user will be saved the annoyance that more complicated shutters often occasion.

Several of the shutters are adapted to outdoor instantaneous work, where they will be found as satisfactory as in the studio.

Each is tested before leaving the factory, and is guaranteed.

Order by number, giving size of opening in inches.

## The Low Shutters—Continued

### LOW "KAZOO" SHUTTER NO. 1

The Low "Kazoo" shutter No. 1 is a handsomely finished nickel-plated shutter.

Can be instantly changed from time to instantaneous exposures by moving the small lever to one side.

Gives the correct exposure, and 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.

#### PRICE

Opening	Length	Width	Price
1½ in.	4 in.	2¼ in.	\$6.00
1¾ "	4¾ "	2¾ "	6.50
2 "	4¾ "	3½ "	7.00
2¼ "	5¾ "	3¾ "	7.50
2½ "	6 "	4½ "	8.00

### LOW "KAZOO" SHUTTER NO. 2

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

It can be operated entirely from the outside of the camera and at any distance away.

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 when focusing.

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

#### PRICE

Opening	Length	Outside	Price
1½ Inches	4 Inches	2¼ Inches	\$6.00
1¾ "	4¾ "	2¾ "	6.50
2 "	4¾ "	3½ "	7.00
2¼ "	5¾ "	3¾ "	7.50
2½ "	6 "	4½ "	8.00

## The Low Shutters—Continued

### LOW SHUTTER NO. 3

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 simple in its construction, and will not easily get out of order. For time exposures only.

Price . . . . . \$4.00 Each.

Opening	Width	Length
1½ Inches	2¾ Inches	3¾ Inches
1¾ "	3¾ "	4¾ "
2 "	3¾ "	4¾ "
2½ "	4¾ "	5¾ "
3¼ "	5¾ "	7¼ "
3½ "	6¼ "	7¼ "
4 "	7¼ "	9 "

### THE LOW SHUTTER NO. 5, FOR STUDIO WORK

The Low shutter No. 5 is, we believe, the best studio shutter made. It works lightly and easily and has the special advantage of having a very large opening in a very small shutter, so is well adapted for cameras having small front boards.

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

This shutter is practically noiseless in opening.

Opening	Square	Price	Opening	Square	Price
1½ Inches	3 Inches	\$4.00	3½ Inches	5¾ x 6¾	\$5.50
1¾ "	3½ "	4.00	4 "	6½ x 7	6.00
2 "	4 "	4.50	4½ "	7¾ x 8	6.50
2½ "	4¾ "	4.50	5 "	7¾ x 9½	7.00
3 "	5½ x 5½ "	5.00			

### LOW SHUTTER NO. 6

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 smaller sizes of that series. 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.

#### Prices

1½ in. opening, 3½ in. square	\$5.50
1¾ "	5.50
2 "	6.00
2½ "	6.00

## The Low Shutters—Continued

### LOW VIEW SHUTTER NO. 8

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 nickel front, with nickel trimmings and mahogany back.

This shutter is practically noiseless in opening.

Price . . . . .	\$4.00 each
1½ in. opening . . . . .	¾ in. round
1¾ " " . . . . .	4¼ " "
2 " " . . . . .	4¾ " "
2½ " " . . . . .	5 " "
2¾ " " . . . . .	6¾ " "

### LOW VIEW SHUTTER NO. 10

The Low shutter No. 10 is the same as No. 8, with the addition of the instantaneous attachment.

There are now many hundreds of them in use, giving universal satisfaction and splendid results. They can be readily changed from time to instantaneous exposures by moving the brass lever to one side.

Price . . . . .	\$6.00 each
1½ in. opening . . . . .	¾ in. round
1¾ " " . . . . .	4¼ " "
2 " " . . . . .	4¾ " "
2½ " " . . . . .	5 " "
2¾ " " . . . . .	6 " "

### THE LOW ADJUSTABLE BACK

Is an automatic device for holding the shutter to the lens. All "Kazoo" shutters No. 1, and Low shutters Nos. 8 and 10, are provided with this back. When ordered separately, \$1.00.

Size of Shutter	Will Fit Lens
1½ in. opening . . . . .	1½ to 1¾ in.
1¾ " " . . . . .	1¾ " 2¼ "
2 " " . . . . .	2 " 2½ "
2¼ " " . . . . .	2¼ " 2¾ "
2½ " " . . . . .	2½ " 2¾ "

### LOW BON-TON SHUTTER

This is constructed on the Low shutter principle, and, as shown in the cut, is adapted for making four Bon-tons on a 5 x 7 plate. It is of the very best construction, will not get out of order, and works with pneumatic bulb. By pressing the bulb and then removing the plug, the shutters will remain open for focusing.

Price . . . . .	\$6.00
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Extra parts cannot be supplied unless sample is sent to us as a guide. When wings become broken it would be much better to have the shutter sent to us for repairs as although the wings are designated by numbers we cannot guarantee that they will fit properly unless the shutter is sent to us.

## The Low Shutters—Continued

### ROOT'S SILENTO SHUTTER

This is the new silent shutter which is being so enthusiastically received by all the photographers who have seen it.

This beautiful shutter is absolutely silent in operation, and moreover it is as practical as it is silent.

The "Silento" Studio shutter is made entirely of metal, with the single exception of the strong wooden bushing upon which the wings close. All working parts are made from the finest hard drawn brass and tool steel, which make the very best bearings. Besides it is arranged so that any looseness or wear may be easily and instantly taken up by means of set screws and pivots.

The engine, which is one of the most important parts to a shutter, is made of hard seamless brass tubing, polished inside and outside, and strongly mounted upon the metal base of the shutter.

The operating mechanism is very strong and extremely simple, being a rack and pinion specially made for this shutter, and will never wear out or get out of order. The wings are made from thin, strong metal, and firmly riveted to the side rods.

There is positively nothing which can get out of order about the "Silento" shutter. It is easily cleaned, and should last for years without any attention whatever.

The "Silento" shutter gives practically uniform lighting all over the plate. It balances open for focusing, etc.

It is very thin ( $\frac{3}{16}$  of an inch) and light and gives the largest opening according to outside measurements of any shutter made. See sizes of shutters below.

There are no springs or weak parts to get out of order or break.

There is no rubber, either hard or soft to crack or leak.

The "Silento" is exceedingly quick and easy in action and responds instantly to the first portion of the bulb pressure.

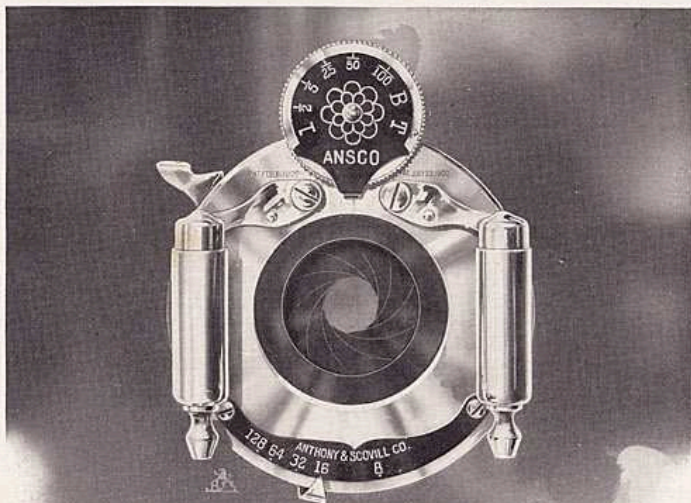
The "Silento" is so finely made that it at once impresses one with its quick, smooth and silent action as being the very perfection of shutter making.

### PRICES AND SIZES

Inch Opening	Inches Square	Price Each	Inch Opening	Inches Square	Price Each
1½	2½	\$5.00	3	4½	\$5.50
1¾	2¾	5.00	3½	5	6.00
2	3¼	5.00	4	5½	6.50
2¼	3½	5.00	4½	6	6.50
2½	3¾	5.00	5	6½	7.00
2¾	4	5.50			

## The New Automatic Shutter

WITH RETARDING DEVICE



**T**HE New Automatic shutter fitted with retarding device or speed regulator is the most ingenious, durable and reliable shutter on the market, and its many new features will strongly appeal to amateur photographers. It has triplicate movements operating for time and bulb exposures. The mechanism is so arranged that after an exposure is completed, the shutter automatically sets itself for the next picture. There can never be a question as to whether or not the shutter is set. It is ready at all times, being released and set instantaneously by either the finger or by the pressure of the bulb.

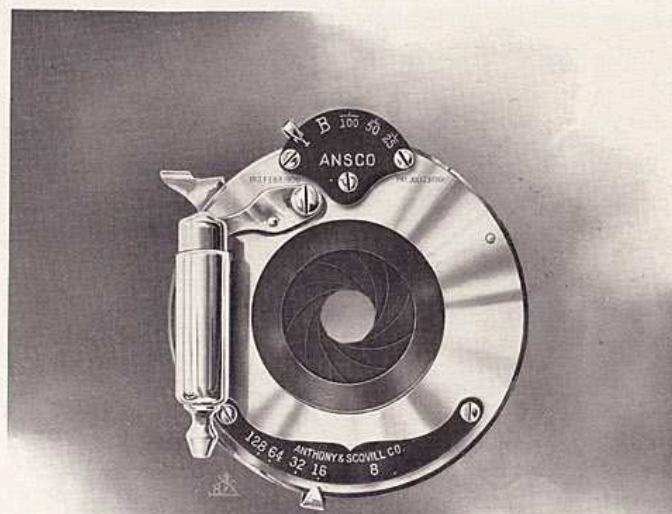
A dial at the top contains various degrees of speed marked in fractional parts of seconds.

To regulate the Automatic shutter it is only necessary to revolve the dial until the speed desired is opposite the index.

The Iris diaphragm, also a feature of the shutter, is operated by a lever at the bottom. The scale for the size of the opening of the lens is marked in the U. S. system.

The Ansco Folding cameras, No. 6, 7 and 10, are fitted with the New Automatic shutter.

## The Winner Automatic Shutter

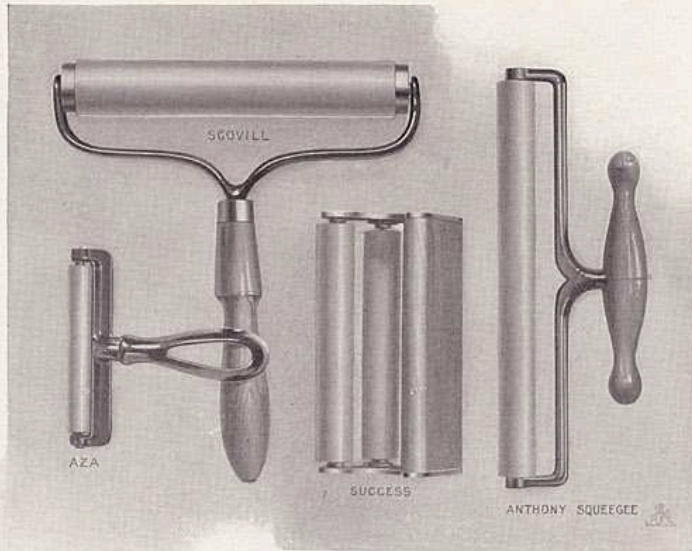


**T**HE most important part of a camera, next to the lens, is the shutter. The No. 4, 5 and 9 Ansco cameras are equipped with the Winner shutter, which is a one-valve automatic shutter. Its various speeds are regulated and indicated by an index at the top, and covers a range of exposure from time and bulb to instantaneous. The Iris diaphragm is regulated by means of an index and scale at the bottom. The shutter is always closed and set for the next exposure.

### Price

<i>New Automatic Shutter (No Lens)</i>		<i>The Winner Automatic Shutter (No Lens)</i>	
3¼ x 4¼	8.00	3¼ x 4¼	8.00
4 x 5	10.00	4 x 5	5.00
5 x 7	11.00	5 x 7	6.00
6½ x 8½	12.00	6½ x 8½	7.00
8 x 10	14.00	8 x 10	8.00

## Print Mounters



### ANTHONY'S SQUEEGEE ROLLER

Consists of a single roller, made of finest velvet rubber fastened to a single handle. When in use for mounting, the handle is set at right angles to the roller, for packing, it is laid parallel to the roller.

Price, 6 inch . . . . . \$ .75  
 " 9 " . . . . . 1.00

### THE SUCCESS PRINT MOUNTER

The accompanying illustration describes it fully.

Price, 6 inch . . . . . \$ .60  
 " 9 " . . . . . .80  
 " 12 " . . . . . 1.00

### THE AZA PRINT MOUNTER

A strong, light and inexpensive mounter.

Price . . . . . \$ .20

### SQUEEGEES (Velvet Rubber)

For squeegeeing prints on glass or ferrotype plates.

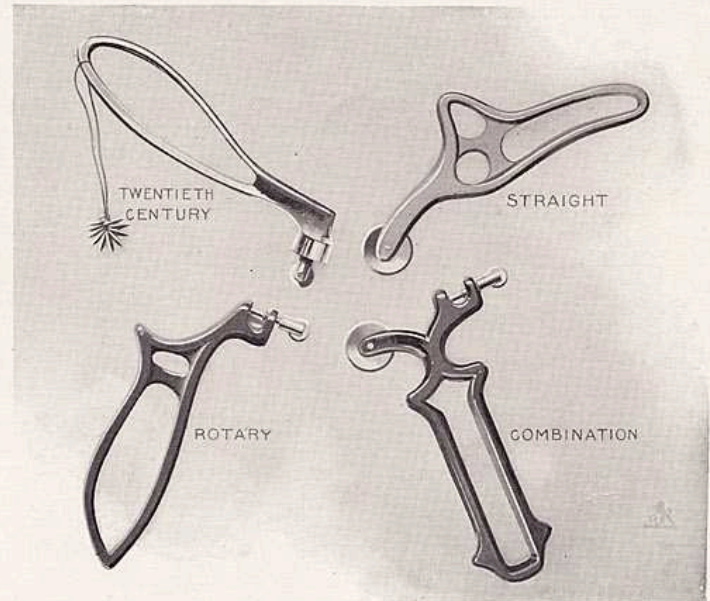
Price, 6 inch . . . . . \$ .25  
 " 8 " . . . . . .40  
 " 12 " . . . . . .50

### THE SCOVILL SQUEEGEE ROLLER

(Superior to anything in the market)

No. 1. 8 inch . . . . . \$1.00  
 No. 2. 12 " . . . . . 1.50

## Trimmers



### THE TWENTIETH CENTURY BALL-BEARING TRIMMER

**T**HE wheels are made of tooled steel, nicely tempered and sharpened. The swivel being set in hardened steel bearing, reduces friction to a minimum and insures a very free running tool. The wheels are easily changed when desired, by simply removing the screw in the swivel shank.

*Price*

With 6 Wheels . . . . . \$1.50  
 Sets of Wheels (large or small) . . . . . .50

### STRAIGHT AND ROTARY TRIMMERS

These trimmers do not cut but pinch off the waste paper, leaving the print with a neatly beveled edge, which makes it easier for it to adhere to the mount.

*Price*

Straight Cut Trimmer . . . . . \$ .15  
 Revolving Trimmer . . . . . .20

### THE COMBINATION TRIMMER

This is provided with both straight and rotary cutting wheels.

Price . . . . . \$ .25

## Monarch Papers

THE FINEST COLLODION PAPERS ON THE MARKET

### MONARCH MATTE

SIZE	½ Doz.	Dozen	½ Gross	Gross
2½ x 2½		2 dz. \$ .30	\$ .70	\$ 1.20
2¼ x 3¼		2 dz. .30	.70	1.20
2¼ x 3½		2 dz. .30	.70	1.20
2¼ x 3¾		2 dz. .30	.70	1.20
2½ x 4¼		2 dz. .30	.70	1.25
3½ x 3¾		2 dz. .30	.80	1.50
3 x 4		2 dz. .30	.70	1.20
3½ x 4		2 dz. .30	.80	1.50
4 x 4		1 dz. .20	.90	1.65
3¼ x 4¼		2 dz. .30	.80	1.50
4¼ x 4¼			.20	.90
3¾ x 5½, Cabinet			.25	1.00
3¾ x 5¾			.30	1.25
4 x 5			.20	.90
4¼ x 5½			.30	1.25
4 x 6			.30	1.25
4¼ x 6½			.30	1.50
4¾ x 6½			.30	1.70
4 x 9, Celoron Panel			.35	3.30
5 x 7			.35	1.95
5 x 7½			.40	2.10
5 x 8			.40	2.10
5½ x 7¾, Paris Panel			.45	2.30
6 x 8			.50	2.70
6½ x 8½			.55	2.90
7 x 9			.60	3.30
7½ x 9½			.65	3.75
8 x 10			.75	4.20
10 x 12			1.10	6.30
11 x 14		\$ .75	1.45	8.40
12 x 15		.90	1.65	9.90
14 x 17	1.15	2.20	12.60	24.00
16 x 20	1.50	2.90	16.80	32.40
17 x 20	1.65	3.20	18.00	34.80
18 x 22	1.90	3.60	21.00	40.80
20 x 24	2.20	4.20	24.60	48.00
Cabinet Seconds				1.60
Cabinet Seconds		100-sheet package, \$1.15		
Cabinet Thirds		100-sheet package, .60		
10 ft. roll, 24½ in. wide			2.25	
5-yd. roll, " " "			3.25	
10-yd. roll, " " "			6.00	

Roll paper not furnished in smaller sizes or lengths than shown. Special sizes at proportionate prices on orders amounting to \$1.00 list or more.

## Monarch Papers — Continued

THE FINEST COLLODION PAPERS ON THE MARKET

### MONARCH GLACE

SIZE	½ Doz.	Dozen	½ Gross	Gross
2½ x 2½		2 dz. \$ .25	\$ .60	\$ 1.00
2¼ x 3¼		2 dz. .25	.60	1.00
2¼ x 3½		2 dz. .25	.60	1.00
2¼ x 3¾		2 dz. .25	.60	1.00
2½ x 4¼		2 dz. .25	.70	1.25
3½ x 3¾		2 dz. .25	.70	1.25
3 x 4		2 dz. .25	.60	1.00
3½ x 4		2 dz. .25	.70	1.25
4 x 4		2 dz. .25	.70	1.25
3¼ x 4¼		2 dz. .25	.70	1.25
4¼ x 4¼		2 dz. .30	.75	1.35
3¾ x 5½, Cabinet			.20	.90
3¾ x 5¾			.20	.90
4 x 5			.15	.75
4¼ x 5½			.20	.90
4 x 6			.20	.90
4¼ x 6½			.25	1.25
4¾ x 6½			.25	1.40
4 x 9, Celoron Panel				
5 x 7			.30	1.60
5 x 7½			.30	1.70
5 x 8			.30	1.75
5½ x 7¾, Paris Panel			.35	1.90
6 x 8			.40	2.25
6½ x 8½			.45	2.40
7 x 9			.50	2.75
7½ x 9½			.55	3.25
8 x 10			.60	3.50
10 x 12			.90	5.25
11 x 14		\$ .65	1.20	7.00
12 x 15		.75	1.35	8.25
14 x 17		.95	1.80	10.50
16 x 20	1.25	2.40	14.00	27.00
17 x 20	1.35	2.60	15.00	29.00
18 x 22	1.60	3.00	17.50	34.00
20 x 24	1.85	3.50	20.50	40.00
Cabinet Seconds				1.20
Cabinet Seconds		100-sheet package, \$ .85		
Cabinet Thirds		100-sheet package, .60		
10 ft. roll, 24½ in. wide			1.75	
5-yd. roll, " " "			2.50	
10-yd. roll, " " "			4.50	

Roll paper not furnished in smaller sizes or lengths than shown. Special sizes at proportionate prices on orders amounting to \$1.00 list or more.



## Monarch Papers—Continued

MONARCH:—"One superior to all others of the same kind."

There is a great deal in a good name, but to keep a good name you have got to live up to it,—no backsliding or retrograding.

When we first started to make MONARCH papers we naturally hunted for a trade name that would fully imply all our product's good points.

Well, to make a long story short, we have been making Monarch for a good long while now, and we have had no occasion to change its name.

### OTHER MONARCH PRODUCTS

#### MONARCH GOLD

Specially made for Monarch paper and absolutely pure and reliable.

Per Bottle, Size No. 1	.....	\$.50
" " " " 2	.....	1.00
" " " " 3	.....	2.00

#### MONARCH PLATINUM SOLUTION

All ready for use by the addition of water. In connection with gold bath this preparation secures reliably the platinum and carbon effects now so popular.

Per Bottle, Size No. 1	.....	\$.50
" " " " 2	.....	1.00

#### MONARCH SPOTTING COLORS

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

Per Package of Three Shades	.....	\$.15
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#### MONARCH NEGATIVE VARNISH

Put up by Monarch Paper Co. with special reference to use with Monarch paper and dry plates. No sticking or staining in any kind of weather or climate if directions are followed. Does not remove retouching.

6 oz. Bottle	.....	\$.40
Pints	.....	1.00
Quarts	.....	1.90
Gallons	.....	7.00

#### MONARCH BACKING PAPER

##### (COLLODION MATTE.)

A first quality Backing paper prepared especially for use in making collodion carbon prints on Monarch Matte.

#### PRICE LIST

Size	Price per gross	Size	Price per gross
4 x 5	\$ 1.35	11 x 14	\$14.00
Cabinets	1.60	17 x 21	30.00
6 x 8	4.00	10-ft. Roll, 24 in. wide	1.75
8 x 10	6.50	5-yd. " " "	2.50
9 x 11	8.25	10-yd. " " "	4.50
10 x 12	10.00		

## Cyko Paper

CYKO is paper of the development class, which prints at any time, in any light, and from all classes of negatives.

The transparencies and richness of the blacks and the power of bringing out details and simplicity of manipulation are the main features which account for the popularity of Cyko.

It is this paper that makes it possible for the photographer, who is generally too busy throughout the day, to utilize his evening hours making prints from his negatives.

Cyko is divided into two grades, and the grade is represented by the color of the label,—BLUE LABEL, YELLOW LABEL.

Blue Label indicates the Contrast Grade, which is suitable for making prints from flat or over-timed negatives.

Yellow Label indicates the Normal grade, which is intended for general use. It is medium in speed, produces excellent prints from the average negative and has great latitude. It is the paper which should generally be used.

Cyko is made in five different surfaces: Studio, Rough, Semimatte, Matte and Glossy.

Our Cyko Manual will give full instructions how to work Cyko, and contains all other information pertaining to this paper.

#### PRICE

SIZE	CYKO		DOUBLE WEIGHT CYKO	
	Doz.	Gross	Doz.	Gross
2¼ x 3¼	\$.12	\$ 1.20		
2½ x 2½	.10	1.00		
2½ x 4¼	.12	1.20		
3¼ x 4¼	.12	1.20		
3½ x 3½	.12	1.20		
3½ x 5½	.15	1.50	\$.25	\$ 2.00
4 x 5	.15	1.50	.25	2.00
4 x 6	.20	1.80		
4 x 6	.15	1.50		
4¼ x 4¼	.20	1.80		
4¼ x 5½	.25	2.50		
4¼ x 6½	.30	3.00	.35	3.50
5 x 7	.35	3.50	.40	4.00
5½ x 7¾	.35	4.00	.45	4.50
6 x 8	.45	4.50	.50	5.00
6½ x 8½	.50	5.00	.60	6.00
7 x 9	.55	6.00	.65	7.00
7½ x 9½	.60	6.50	.75	8.00
8 x 10	.70	7.00	.80	9.00
9 x 11	.90	8.50		
10 x 12	1.00	10.00	1.20	13.50
11 x 14	1.35	14.00	1.60	17.50
14 x 17	2.00	21.00	2.40	27.00
16 x 20	2.50	28.00	3.20	36.00
18 x 22	3.00	34.00	4.00	46.00
20 x 24	3.60	40.00	4.80	55.00
10 ft. rolls (25 in. wide)	2.00			
10 yd. rolls (25 in. wide)	5.00			6.00

CYKO POSTAL CARDS

Made in two surfaces, Semimatte and Glossy.

Dozen . . . . .	\$ .20
Gross . . . . .	2.00

CYKO SUNDRIES

Cyko H. M. Developer, per box, 5 tubes . . . . .	\$ .50
Cyko Acid Hypo, price per package . . . . .	.15
Cyko Acid Hypo, price per dozen packages . . . . .	1.50
Cyko (Non-Abrasion) Liquid developer, 4 oz. bottles (make 20 ozs.) . . . . .	.25
Cyko Hyper Incandescent Gas Lamp . . . . .	1.50
Cyko Re-Developer for Brown and Sepia Tones; 4 oz. bottles . . . . .	.50

Royal Paper

There are still some photographers who prefer a gelatine sun printing paper and to those we recommend the Royal, which is a paper that prints by sunlight and is toned with toning solution instead of being developed. The Royal is a rapid, highly glossy printing paper with an insoluble film which tones equally well in single or combined bath.

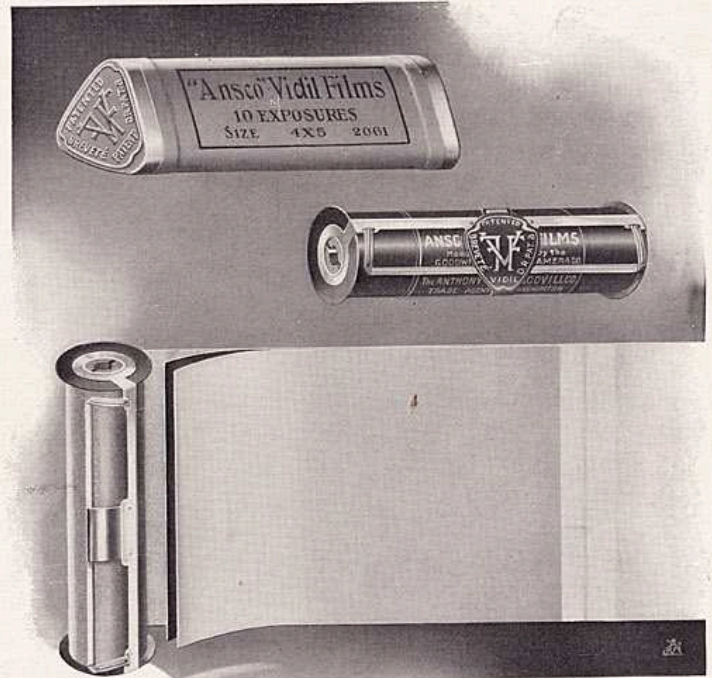
SIZE	Doz.	<sup>2</sup> Doz.	GROSS	SIZE	Doz.	<sup>1</sup> / <sub>2</sub> GROSS	GROSS
3¼ x 4¼	. . . .	\$ .18	\$ 1.05	6½ x 8½	\$ .40	\$2.15	\$ 3.80
3½ x 3½	. . . .	.18	1.05	7 x 9	.45	2.50	4.50
3¾ x 5½	\$ .18	. . . .	1.25	7½ x 9½	.50	2.75	5.00
4 x 5	. . . .	.22	1.10	8 x 10	.54	3.15	5.85
4 x 6	.18	. . . .	1.45	9 x 11	.68	4.05	7.20
4¼ x 4¼	. . . .	.22	1.10	10 x 12	.81	4.75	9.00
. . . . .	. . . .	<sup>1</sup> / <sub>2</sub> Gross	. . . .	11 x 14	1.08	6.30	11.70
5 x 7	.27	1.45	2.40	14 x 17	1.62	9.45	18.00
5 x 8	.27	1.60	2.70	16 x 20	2.16	12.60	24.30
5½ x 7¾	.31	1.70	2.95	18 x 22	2.70	15.75	30.60
6 x 8	.36	2.00	3.60	20 x 24	3.15	18.45	36.00

Cabinet Seconds . . . . .	\$ 1.00
4 x 5 Seconds Trimmed . . . . .	.90
Cabinet Proofs . . . . .	.75
10 ft. rolls (25 in. wide) . . . . .	\$1.60
10 yd. " " . . . . .	4.00

ROYAL COMBINED TONING AND FIXING POWDER

Price per package . . . . .	\$ .25
" dozen packages . . . . .	2.75

The Ansco-Vidil Film System



**T**HE Ansco-Vidil films are daylight loading cartridge films, but packed in a new and special manner, possessing many great advantages over the ordinary form of roll film. *Every Film bears the trade-mark.*

In selecting a folding camera of whatever style or make, the purchaser should give special attention to the Ansco-Vidil Film System and should be careful to ascertain whether the new camera he is purchasing will take the Ansco-Vidil spoofs; for this new system offers so many advantages that it is bound to supersede to a great extent, all other systems of photography.

A spool of Ansco-Vidil film has before the first film and between every succeeding film, a focusing screen, consisting of a tough semi-transparent parchment paper, enabling the photographer to focus accurately before each exposure, and answers the same purpose as a ground glass screen, with the decided advantage that after focusing it is only necessary to turn the winding key to bring the film into position. There is therefore no shaking of the camera or shifting of the focus, as it happens with a dry plate camera in which it is necessary to insert the plate holder in front of the ground glass after focusing.

## AnSCO Non-Curling Films



### Price List

	Price 6 ex.	Price 12 ex.
1½ x 2 Adapted to Pocket Kodak . . . . .	\$ .25	
1½ x 2½ Adapted to No. O Folding Pocket Kodak . . . . .	.15	.25
2¼ x 2¼ For No. 1 Buster Brown and adapted to No. 1 Brownie . . . . .	.15	
2¼ x 3¼ For No. 2 Buster Brown, No. 3 Buster Brown, No. 1 Folding Buster Brown and adapted to No. 2 Brownie . . . . .	.20	
2¼ x 3¼ Adapted to No. 1 Folding Pocket Kodak . . . . .	.20	.40
2½ x 4¼ For AnSCO Jr. and adapted to No. 1-A Folding Pocket Kodak . . . . .	.25	.50
3¼ x 4¼ For No. 2, 4 and 6 ANSCO Cameras, also adapted to No. 3 Folding Pocket Kodak, No. 3 Buck-Eye, No. 3 Folding Hawk-Eye, Stereo Hawk-Eye or No. 3 Weno Hawk-Eye . . . . .	.35	.70
3½ x 3½ For No. 1 ANSCO Camera, also adapted to No. 2 Folding Pocket Kodak, No. 2 Flexo, No. 2 Bulls-Eye, No. 2 Bullet, No. 2 Stereo Kodak, No. 4 Panorama Kodak, Tourist Buck-Eye, No. 2 Weno Hawk-Eye, or No. 3 B Al Vista . . . . .	.30	.60

### Price List

	Price 6 ex.	Price 10 ex.
3¼ x 5½ For No. 9 and 10 AnSCO and adapted to No. 3-A Folding Pocket Kodak . . . . .	\$ .40	\$ .70
4 x 5 For No. 3, 5 and 7 ANSCO Cameras, also adapted to 4 Folding Buck-Eye, No. 4 Weno Hawk-Eye, 4 Folding Hawk-Eye, No. 4 Bulls-Eye, No. 4 Bullet or No. 4 B and No. 4 G Al Vista . . . . .	.45	.90
4¼ x 3¼ Adapted to No. 3 Cartridge Kodak . . . . .	.35	.70
5 x 4 Adapted to No. 5 B, 5 D, 5 F, No. 5 C Al Vista Cameras or No. 4 Cartridge Kodak . . . . .	.45	.90
7 x 5 Adapted to No. 7 D, No. 7 E, No. 7 F, Al Vista Cameras or No. 5 Cartridge Kodak . . . . .	.80	1.60
4 x 5 R-H Adapted to 4 Horizontal Roll Holder . . . . .		.90
4¼ x 3¼ R-H Adapted to 3 Vertical Roll Holder . . . . .		.70
5 x 4 R-H Adapted to 4 Vertical Roll Holder . . . . .		.90
7 x 5 R-H Adapted to 5 Vertical Roll Holder . . . . .		1.60

### ANSCO VIDIL FILMS

3¼ x 4¼ For No. 4 and No. 6 ANSCO Cameras . . . . .	\$ .70	ex. 12
3¼ x 5½ For No. 9 and No. 10 " " . . . . .	.70	08
4 x 5 For No. 5 and No. 7 " " . . . . .	.90	10

## Alba Photo Paste



### Price

Ounces	Each	Dozen	Gross
2 ounces	\$ .10	\$ .70	\$ 7.00
3 "	.15	1.00	10.00
5 "	.20	1.70	17.00
6 "	.25	2.30	22.00
9 "	.35	3.20	30.00
16 "	.50	5.50	55.00
32 "	.75	8.00	80.00
2 " tubes	.10	1.20	12.00
½ gallon jar	1.20	...	...
1 " "	2.00	...	...

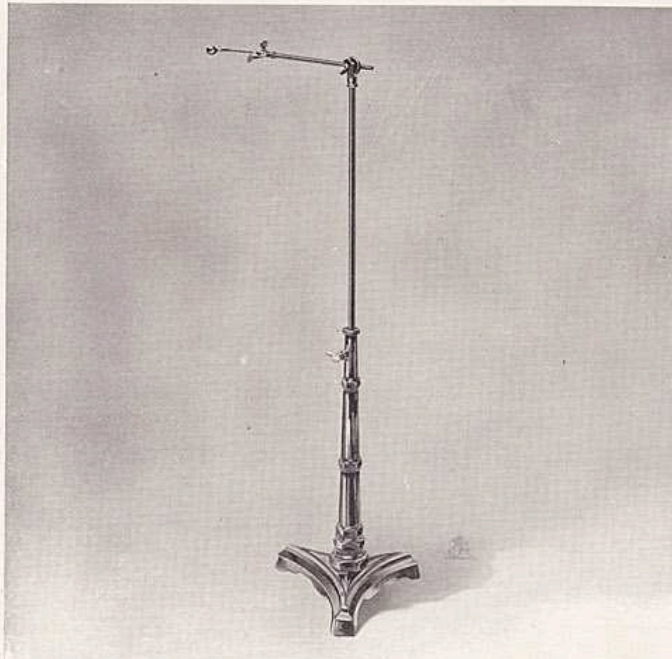
## Wynne's Infallible Exposure Meter



THESE four conditions governing exposure are all taken into account. These conditions are: (1) The intensity of the light which illuminates the subject; (2) diaphragm or stop employed; (3) the character of the subject; (4) the sensitiveness of the plate used. The first is determined by the time taken for the sensitive paper in the actinometer to color to standard tints. This varies from two or three seconds to a minute or so, and is called the actinometer time. The instrument is marked with the diaphragm numbers. A table of the relative sensitiveness of the various brands of plates is supplied with each instrument. To calculate the correct exposure, one moment only is necessary. The movable scale of the instrument is turned until the actinometer time in seconds upon the exposure scale is opposite the diaphragm number of the plate. The correct exposure in seconds and fractions of seconds will be found against each stop, from the largest to the smallest.

Price, with full instructions, in handsome solid nickel case	\$2.50
In Locket Size, silver	3.00
In Locket Size, 14-karat rolled gold	4.50
Extra tins sensitized paper	.15
Extra dials and glasses	.25
Extra Book of Instructions	.05
Extra Speed Cards	.05

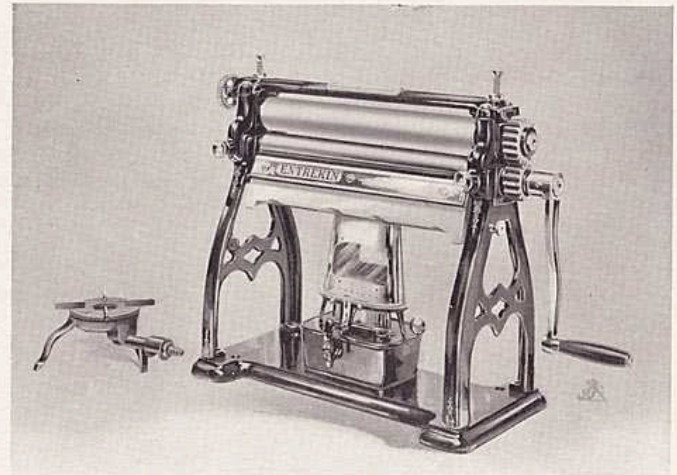
## Success Head Rest



The Success Head Rest is handsomely finished, neat and attractive. It is of great assistance in posing and maintaining the right attitude. Thoroughly practical in every respect.

No. 61. Extra finish, tall . . . . . \$3.25  
 " 61. " " short . . . . . 3.15

## Entrekin's Improved Rotary Burnisher



**T**HIS is without exception the best rotary burnisher in the world. It combines the turn-back roll, the one wheel-end adjustment, and the lock nut and set screw for maintaining even wear on the boxes and journals, with our patent device for uniform pressure, and is provided with a swing fire pan. The most valuable improvement of this machine over all other rotary burnishers is, that the upper roll can be turned back from the polishing roll while heating, so preventing the moisture from dropping on the polishing roll and defacing the same; also giving better facilities for cleaning the polished or nickel-plated roll. The mechanical construction of these machines is first-class in every particular. Both rolls are nickel-plated, and every machine is guaranteed perfect.

8-in. Roll . . . . . \$12.00    15-in. Roll . . . . . \$30.00  
 10 " " light . . . . . 15.00    25 " " . . . . . 45.00

## Heavy Plate Glass

For Printing Frames. Perfectly clear and strong, without flaws or scratches.

Size	Price	Size	Price
8 x 10, one inch thick	\$2.30	17 x 20, one inch thick	\$ 8.75
10 x 12, " "	3.00	18 x 22, " "	9.75
11 x 14, " "	4.00	20 x 24, " "	12.00
14 x 17, " "	6.00		

### PLATE GLASS

For Negative Supports, when printing on zinc or copper in printing frame. It is perfectly flat, finely polished, and about 1/4 inch thick.

Size	Price	Size	Price
8 x 10	\$0.38	16 x 20	\$1.70
10 x 12	.56	18 x 22	2.24
11 x 14	.78	20 x 24	2.70
14 x 17	1.20		

### CRYSTAL PLATE GLASS

This glass, for half-tone negatives, is unequalled. It is about 1/8 inch thick, perfectly polished and flat.

Size	Price	Size	Price
8 x 10	\$0.34	16 x 20	\$1.76
10 x 12	.48	18 x 22	2.00
11 x 14	.72	20 x 24	2.68
14 x 17	1.08		

### NEGATIVE GLASS

#### FRENCH

Size	No. of Lights Per Box	Per Doz.	Per Box
8 x 10 inches	90	\$ 1.56	\$ 9.70
10 x 12 "	60	2.34	9.70
11 x 14 "	47	3.90	11.70
14 x 17 "	31	5.94	11.70
16 x 20 "	23	8.44	11.70
18 x 22 "	18	12.12	15.10
20 x 24 "	15	14.52	15.10

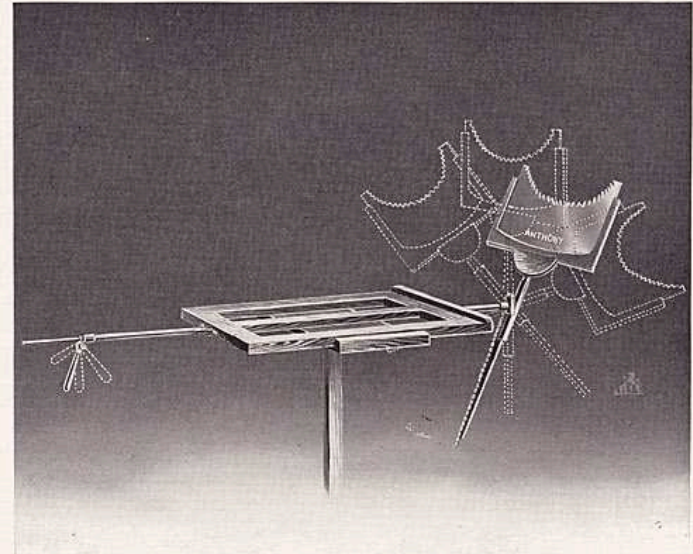
### ENGLISH, 16 AND 26 OUNCE

Perfectly flat, without waves. Inferior only to plate.

Size	No. of Lights Per Box	Per Dozen	
		16 oz.	26 oz.
8 x 10 inches	90	\$ 1.60	\$ 2.20
10 x 12 "	60	2.40	3.24
11 x 14 "	47	3.72	4.72
14 x 17 "	31	5.94	7.14
16 x 20 "	23	8.70	11.08
18 x 22 "	18	12.36	13.48
20 x 24 "	15	14.80	16.20

Note.—Prices on glass are subject to change without notice.

## Farrand Vignetter



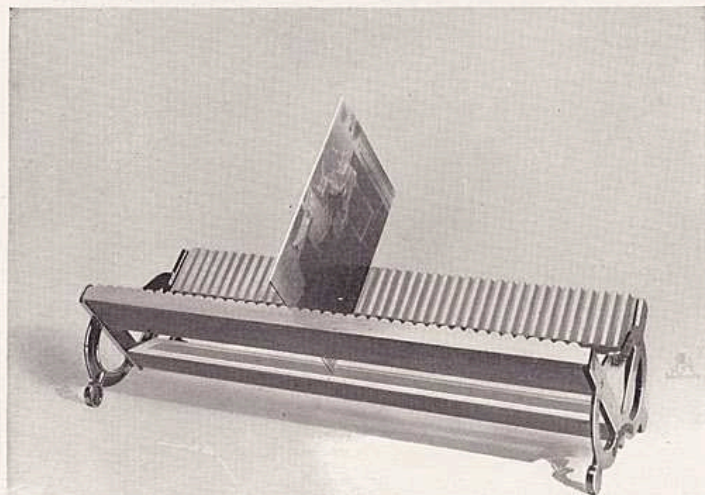
**T**HIS is the most practical Vignetter ever offered to the photographer. Thousands of them have been sold by dealers since it was introduced by us at the National Photographic Convention. There is no greater factor in producing an artistic portrait than direct vignetting on the negative at the time the exposure is made. It is an ingenious device, easy of manipulation, and each change is made without the operator leaving the back of the camera while focusing. It is indestructible. Why? There are no strings to become broken while operating the vignetter, which was the great fault with vignettors heretofore used by photographers.

Price . . . . . \$10.00

This Vignetter is also supplied made up in mahogany, handpolished, as used with the Greater New York Studio Outfit.

Price . . . . . \$16.50

### Negative Racks

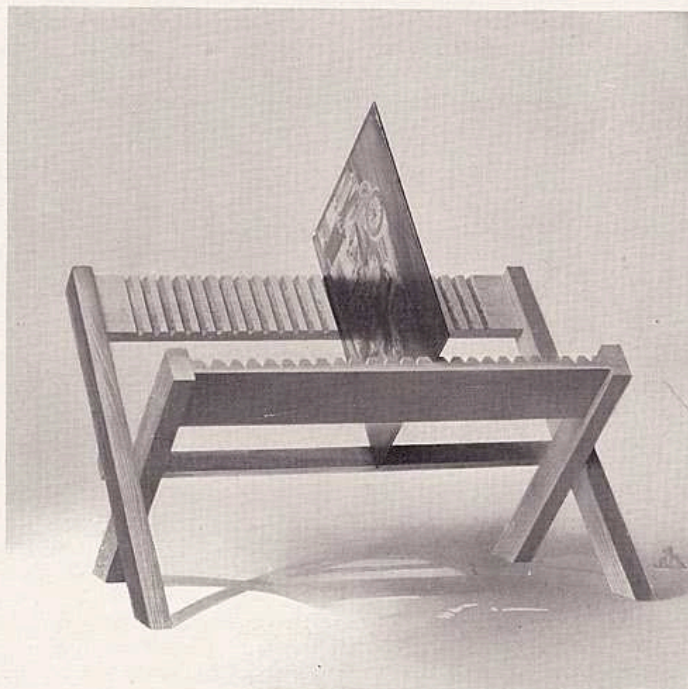


BRIGHTON NEGATIVE RACK

**T**HIS is a strong, well built rack and one which is used by professionals. It holds 42 negatives, and has a trough running the length of the rack to receive the drippings from the negatives. It will take from the smallest to the largest size negative that is made.

Price . . . . . \$1.25

### Columbian Rack



This rack is adjustable for different sizes, and it folds flat when not in use.

Price . . . . . \$ .25

## Dry Plate Kits for Holders

A KIT is a thin wooden frame for holding smaller plates in large plate holders, and this article in itself is very simple in construction, but not so simple that details can be overlooked in manufacture; for the value of a kit depends greatly on how well the wood has been seasoned and how carefully the joints are dovetailed and put together. If careful attention is not given to these details, the kit will warp and become useless.

The Anthony kits are all that can be required and their unique value depends on their careful construction.

Size Outside	Size of opening for Plates	Price
4 x 5	3¼ x 4¼	\$0.20
5 x 7	3¼ x 4¼, 4 x 5, 4¼ x 6½	.25
5 x 8	3¼ x 4¼, 4 x 5, 4¼ x 6½	.25
6½ x 8½	4 x 5, 4¼ x 6½, 5 x 6, 5 x 8	.30
8 x 10	4¼ x 6½, 5 x 7, 5 x 7, 6½ x 8½	.35
10 x 12	6½ x 8½, 8 x 10	.40
11 x 14	8 x 10, 10 x 12	.50
14 x 17	10 x 12, 11 x 14	.80
17 x 20	11 x 14, 14 x 17	.90
18 x 22	14 x 17, 17 x 20	1.10

## Anthony's Patent Metal Film Kits

These kits are, as their name implies, made of metal, and are provided with a lip on each of two sides, under which the film is slipped. They are light and more easily handled than any other kit in the market. They are made in the following sizes:

Size	Price	Size	Price
2½ x 2½	\$0.05	5 x 7	\$0.11
3¼ x 4¼	.05	5 x 8	.13
4 x 5	.06	6½ x 8½	.15
4¼ x 6½	.09	8 x 10	.18
4¾ x 6½	.11		

## Kits or Inside Frames for Wet Plate Holders

To hold	Fits in Shield	Patented Glass Corners	Rabbetted for Ferrotypes
1-9 Plate	1-4	\$0.50	..
1-6 "	1-2	.60	..
1-4 "	1-2	.65	\$0.25
1-2 "	5 x 7	..	.30
1-2 "	4-4	.75	.30
4½ x 6½ "	4-4	.75	.35
5 x 4 "	4-4	.75	.30
4¼ x 6½ "	8 x 10	.90	.35
5 x 7 "	7 x 10	..	.30
5 x 7 "	8 x 10	.90	.35
5 x 8 "	8 x 10	.90	..
6½ x 8½ "	8 x 10	1.00	.35
7 x 10 "	11 x 14	..	.60
8 x 10 "	10 x 12	1.10	.55
8 x 10 "	11 x 14	1.20	.60
10 x 12 "	14 x 17	1.60	.75
11 x 14 "	14 x 17	1.60	.75
14 x 17 "	17 x 20	1.80	1.00
17 x 20 "	20 x 24	2.25	1.25



## The Hammer Dry Plates

IT is needless for us to dwell here on the fine qualities of this well known dry plate, for they are used extensively throughout the United States and foreign countries. These plates are manufactured in several brands, to accommodate all branches of photography.

Write for Hammer Booklet.

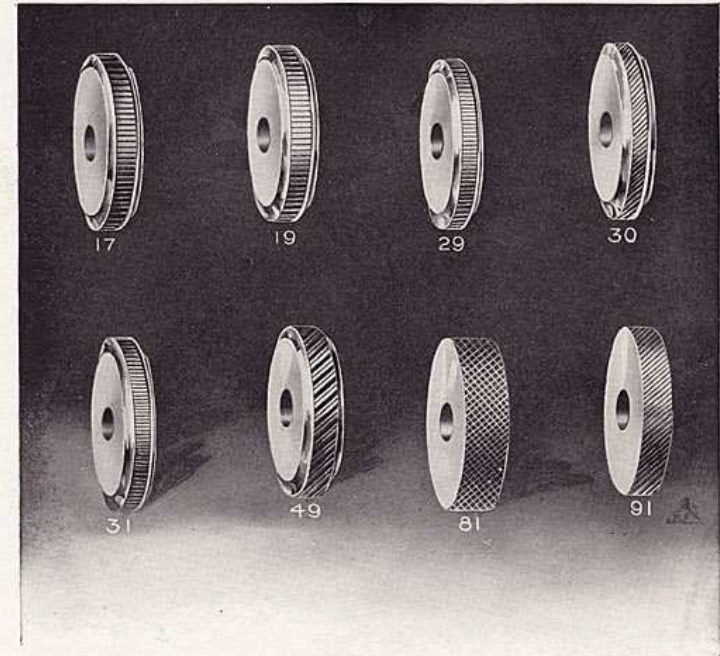
### PRICE LIST.

SIZE	Slow, Fast, Extra Fast, Special, Orthochromatic Per Dozen	Non-Halation, Orthochromatic Aurora Per Dozen	X-Ray Per Dozen	X-Ray Double Coated Per Dozen
1 x 1¼	\$ .20	...	...	...
2 x 2	.20	...	...	...
2½ x 2½	.30	...	...	...
2½ x 4	.35	...	...	...
3 x 3	.35	...	...	...
3 x 3½	.35	...	...	...
3¼ x 3¼	.40	...	...	...
3¼ x 3½	.40	...	...	...
3½ x 3½	.40	...	...	...
3¼ x 4¼	.45	\$.55	...	...
4¼ x 4¼	.60	...	...	...
4 x 5	.65	.80	...	...
4½ x 5½	.75	.95	...	...
4½ x 6½	.90	1.10	...	...
4¾ x 6½	.90	1.20	...	...
5 x 7	1.10	1.40	\$ 1.40	\$ 1.70
5 x 8	1.25	1.55	1.55	1.85
6½ x 8½	1.65	2.10	2.10	2.55
7 x 9	2.00	...	...	...
7 x 10	2.10	2.65	...	...
8 x 10	2.40	3.00	3.00	3.60
10 x 12	4.20	5.15	5.15	6.10
11 x 14	6.00	7.25	7.25	8.50
14 x 17	9.00	11.25	11.25	13.50
16 x 20	13.25	16.40	...	...
17 x 20	14.00	17.25	...	...
18 x 22	16.50	20.40	...	...
20 x 24	20.00	24.65	...	...

### HAMMER RETOUCHING VARNISH

Dozen in Case.	Ounces in Each Bottle.	Price per Bottle.
1	16	50c.

## Knurls



For dotting and softening outrunning lines, and making dark spaces lighter.

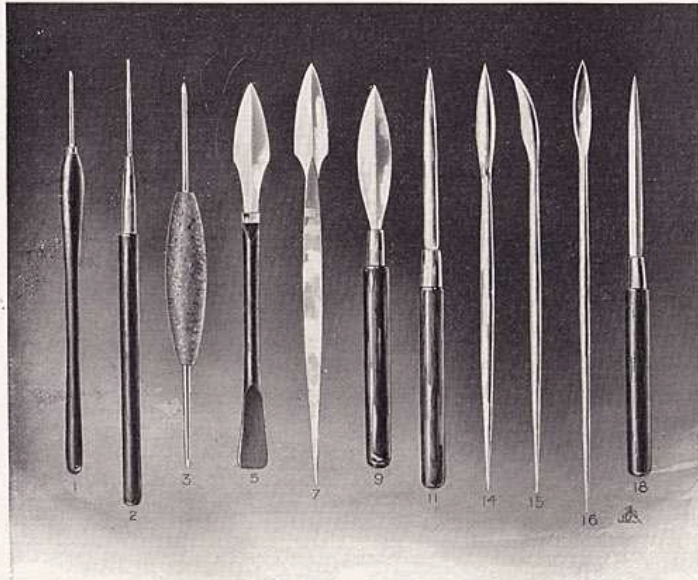
Knurls	each, \$0.50
Knurl Holders	" 1.00

### DRAWING BOARDS

Pine, plain, hardwood battens screwed on, screws in round iron washers. This arrangement permits the wood to shrink without splitting, and the board remains true.

12 x 17 inches	each, \$0.85
16 x 21 "	" .95
18 x 24 "	" 1.15
20 x 26 "	" 1.60
23 x 31 "	" 2.00
30 x 42 "	" 3.25

## Needles, Scrapers and Burnishers



No.	Description	Each
1	Steel Etching Needle, ebony handle, various sizes . . . . .	\$0.55
2	" " conical point, ebony handle, various sizes . . . . .	.40
3	" Dry Point, double cork handle . . . . .	.40
4	" Scraper, double blade, steel point, ebony handle . . . . .	1.15
5	" " " broad, ebony-pointed handle . . . . .	1.15
6	All-steel Scraper, single blade, pointed handle . . . . .	.65
7	" " double " " . . . . .	.80
8	" " narrow double blade . . . . .	.40
9	Steel Scraper, double blade, walnut handle . . . . .	.80
11	" " triangular pointed, small rosewood handle . . . . .	1.60
12	" " " medium " " . . . . .	1.70
13	" " " large " " . . . . .	1.80
14	All-Steel Burnisher, double, round-pointed handle . . . . .	.60
15	" " " curved to side, round-pointed handle . . . . .	.60
16	" " " convex, . . . . .	.60
18	" " " oval points, small rosewood handle . . . . .	.65
20	" " " large " " . . . . .	.90

## T SQUARES

### PEAR WOOD—FIXED HEAD

No. 1285.	15 inch . . . . .	each, \$0.15
" 1286.	18 " . . . . .	" .20
" 1288.	30 " . . . . .	" .30
" 1291.	48 " . . . . .	" .55

## TRIANGLES

### TRANSPARENT AMBER—OPEN

45°

No. 1620.	5 inches . . . . .	each, \$0.50
" 1622.	7 " . . . . .	" .65
" 1624.	9 " . . . . .	" .90
" 1626.	11 " . . . . .	" 1.30

30°-60°

No. 1630.	6 inches . . . . .	each, \$0.40
" 1632.	8 " . . . . .	" .55
" 1634.	10 " . . . . .	" .72
" 1636.	12 " . . . . .	" 1.05

## THUMB TACKS

### Solid Steel, in boxes of 100, with Lifter

No. 808.	1/8 inch diameter . . . . .	per box, \$0.40
" 810.	1/2 " " . . . . .	" .60

## NEW PANTOGRAPHS

- No. 5. Finely finished and satisfactory instrument, in box, each, . . . . . \$0.50
- No. 3. Brass mounted, with brass elbow-joint, wheel, pencil holder and movable point, in box . . . . . each, \$1.50

## Anthony's Gas Furnace

THESE furnaces are constructed on the principle of a Bunsen burner, a great amount of heat being produced with a small expenditure of gas. A support is provided on either side, upon which the plate is allowed to rest while being heated.

The advantage of this furnace over others is, that any size plate can be burnt in perfectly even, the edges being heated the same as the centre, thus overcoming an unequal spread of the powder, as is the case with other burners.

Price for heating plates 18 inches wide and any length . . . . \$6.00

Prices for larger sizes on application.

### No. 10 LUCIFER STOVE

For burning in half-tones, drying plates while coating with sensitizing solution, etc. This burner has thirteen central, and fifty-one surrounding jet holes, and ten-inch spread of flame.

Plain iron . . . . . each, \$0.75  
Nicked iron . . . . . " 1.00

### WHIRLER

For coating copper or zinc plates with sensitizing solution.

Price . . . . . each, \$1.00

### HAND REST

Useful as a support to the hand while touching up prints on zinc.

Price, 18 inches . . . . . each, \$0.50

### EGG BEATER

Used for beating the albumen when making zinc sensitizing solution.

Price . . . . . each, \$0.25

### BOWL

Price . . . . . each, \$0.25

### ROSE TAP

To be attached to the faucet with rubber tubing. For throwing a spray when washing out and developing print in half-tone enamel process.

Price . . . . . each, \$0.50

### INK SPATULAS

7-inch . . . . . each, \$0.80

### CALIPERS

Price . . . . . each, \$2.50

### HAND VISES

Price . . . . . each, \$1.25

### ZINC HOOK

With this Zinc Hook a sheet of zinc can be cut with little effort, leaving a smoother edge than when cut with a saw.

Price . . . . . each, \$1.25

### MOUNTING SCREWS AND NAILS

Screws, ¼, ⅜, ½ inch lengths . . . . . per gross, \$0.20  
Nails . . . . . " pound, .20

### OIL STONES

#### BEST FOR GRAVERS

Price . . . . . each, \$0.50

### BLOCKING WOOD

This lumber is specially selected for blocking, and is thoroughly seasoned. The birch comes in thickness for 16 gauge metal only; the mahogany we furnish for any gauge. Not less than 20 square feet sold.

Birch, per square foot . . . . . \$0.16  
Mahogany, per square foot . . . . . .30

### BOXWOOD

For wood engravers, cutting tints, etc. It is type-high, requires no preparation for use. Price, according to quality, from 3 cents to 10 cents per square inch.

### SOLDERING COPPERS

For soldering injured parts of plate, etc.

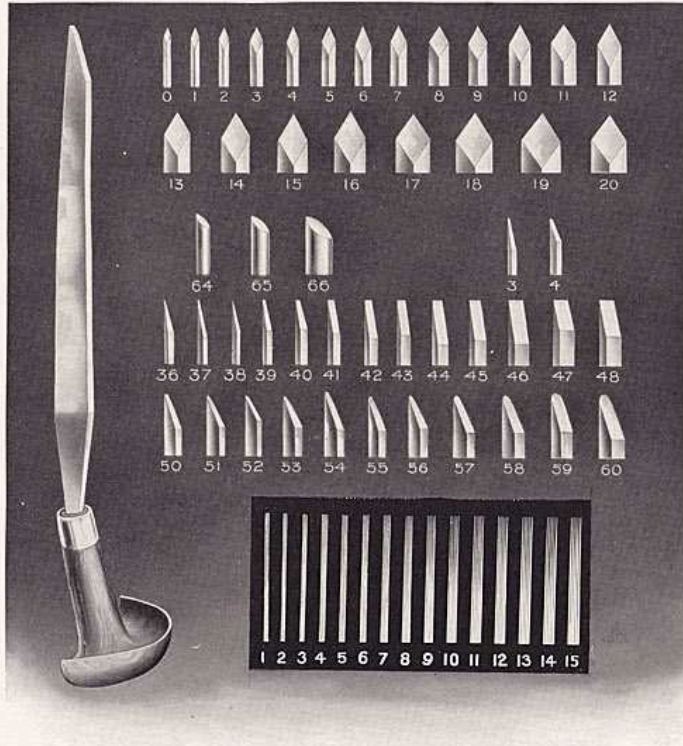
Price . . . . . each, \$0.50

### SOLDER

Specially prepared for zinc.

Per pound . . . . . \$0.30

## Gravers



### LINERS OR SHOOTERS

These are made in great variety, and are adapted for cutting high-lights and vignetting half-tones.

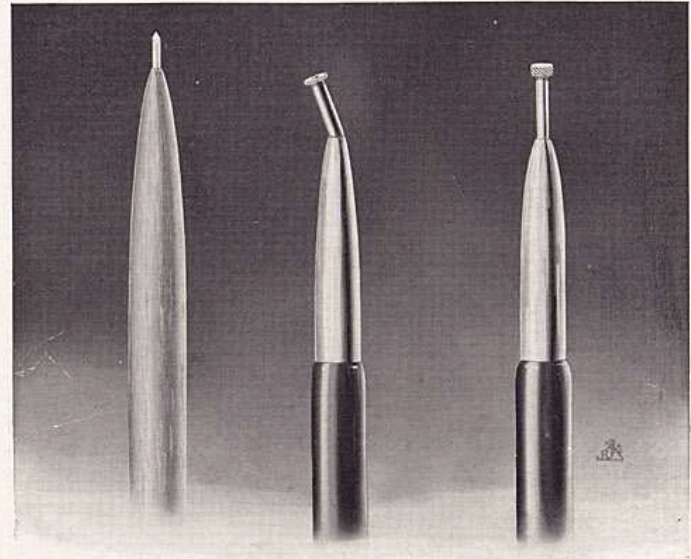
#### Prices

Square, 1 to 8 . . . . .	each, \$0.16
" 9 " 12 . . . . .	" .17
" 13 " 20 . . . . .	" .20
Oval, Flat, Point, or Round . . . . .	" .10
Liners, for Metal . . . . .	" .35

### GRAVER HANDLES

Maple . . . . .	doz., \$0.50
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## Needles and Roulettes



No.	
24.	Engraving Needles, round, long wood handles . . . each, \$0.30
30.	Roulettes, for Tinting, Nos. 1 to 10 . . . . . " 1.25
31.	" " Skies, Nos. 25 to 33 . . . . . " 1.50

### ENGRAVERS' PADS

4 inch . . . . .	Filled, \$0.75
5 " . . . . .	" 1.00
6 " . . . . .	" 1.25
7 " . . . . .	" 1.50
8 " . . . . .	" 2.00
9 " . . . . .	" 2.25

### MATTING PUNCHES

For lowering and blending the edges of half-tones

Price . . . . .	each, \$0.60
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### NAIL PUNCHES AND SETS

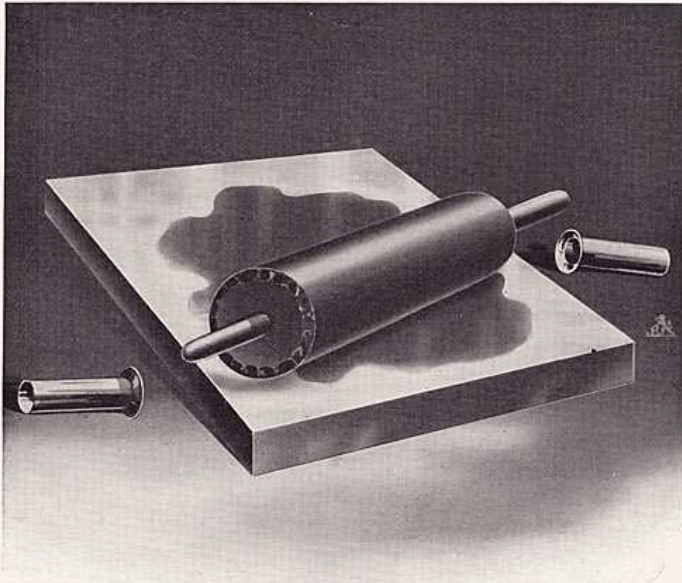
Per Pair . . . . .	\$0.60
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### TYPE-HIGH GAUGE

This useful tool should be in every shop.

Price . . . . .	each, \$2.40
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## Rollers



### LITHOGRAPHIC HAND ROLLERS

For rolling up or coating zinc plate.

12 inch, prepared French . . . . .	each, \$7.50
12 " unprepared French . . . . .	" 6.00
Roller Cases . . . . .	" 1.75

### INKING SLABS

15 x 15 inches . . . . .	each, \$2.25
15 x 18 " . . . . .	" 2.50

### COMPOSITION ROLLERS

Cast ready for use. Adapted for inking cuts when proofing; also used by some in inking the sensitive zinc plate after exposure, as a heavier coating can be applied than with a lithographic roller.

6 inches long, with one handle . . . . .	each, \$2.50
12 " " " two handles . . . . .	" 3.50

### PINCERS

For handling zinc when heating.

5 inches, wide nose . . . . .	each, \$ .75
6 " " " . . . . .	" 1.00

## SAFETY BENZINE CAN

No fire risk or evaporation. Approved by the Board of Fire Underwriters. Always closed when not in use. The flow of benzine, naphtha or turpentine is regulated by the pressure of the second and third fingers upon a circular plate on the nozzle.

Pint can . . . . .	Price, \$0.60
Quart can . . . . .	" .75

## SPONGE RUBBERS

For cleaning drawings. A very superior quality; firm; does not crumble or harden.

1 x 2 x 1 inches . . . . .	each, \$0.15
3 x 2 x 1 " . . . . .	" .40
4 x 3 x 1 " . . . . .	" .85

## DRAWING INKS

Permanent Chinese White . . . . .	each, \$0.25
Higgins' General . . . . .	" .25
" Waterproof . . . . .	" .25

## CONTE'S CRAYONS

For drawing on Ross's or Stipple Papers.

No. 1, Hard; No. 2, Medium . . . . .	per dozen, \$1.20
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## KORN'S CRAYONS

Square

Nos. 1, 2, 3 and 4, Box of dozen . . . . .	\$0.35
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## E. FABER'S PHOTO SKETCHING PENCILS

Are adapted to work which is intended to be photo-engraved. The lead makes a lustreless mark which will give clear photographic reproduction.

Soft, Medium Hard, or Hard . . . . .	each, \$0.10
" " " " . . . . .	dozen, 1.00

## DRAWING PENS

Gillott's Mapping, No. 291, on cards . . . . .	per dozen, \$0.55
" " " 290, in boxes . . . . .	" .45
" " " 170, " . . . . .	" .12
" Crow Quill, No. 659, on cards . . . . .	" .55

## Zinc and Copper

WE pay particular attention to this line, being direct agents for the largest mills in the United States. Our polished metals are ready for making the print when received from us, it being necessary only to go over them with charcoal to remove oxide or dirt.

### THICKNESS OF SHEET METAL STUBS' GAUGE

APPROXIMATE WEIGHTS OF 1 SQ. FT. OF COPPER AND ZINC, OF DIFFERENT GAUGES

COPPER		HARD ZINC			SOFT ZINC		
Stubs' Gauge	Weight in Ounces	American Zinc Gauge	Stubs' Gauge	Weight in Pounds	American Zinc Gauge	Stubs' Gauge	Weight in Pounds
19	32						
18	40	17	18	1.87	17	18	16.7
17	46	19	17	2.25	19	17	2.07
16	48	19½	16	2.44	19½	16	2.24
15	56	20	15	2.62	20	15	2.39
14	64	21	14	3.00	21	14	2.76
13	70	22	13	3.37	22	13	3.10
12	81	23	12	3.75	23	12	3.45
11	84	24	11	4.70	24	11	4.30
10	100						
9	110						
8	123						
7	134						
6	151						

Zinc and Copper are sold in the following gauge and size sheets:  
 Hard Zinc—16 gauge; sizes, 14 x 16, 18 x 24, 22 x 28, 15 x 36.  
 Copper—Gauges, 14, 16 and 18; sizes, 20 x 24, 15 x 36, 16 x 24, 18 x 22.

### PRICES

QUALITY AND CONDITION	25 lbs. or more	50 lbs. or more	100 lbs. or more	500 lbs. or more	1,000 lbs. or more
Hard Zinc, Polished . . . . .	\$.25	\$.24	\$.23	\$.21	\$.20
Copper Polished . . . . .	.45	.43	.42	.40	.38

Prices subject to change without notice.

When ordering, be careful to specify size and thickness.

## Rubber Cement

Is a liquid rubber, the consistence of molasses, used for stripping films. Can be diluted over one-half with benzole or naphtha, making it by far the cheapest and best rubber solution on the market.

*Price*

½ pint can. . . . .	\$.30
Pint " . . . . .	.60
Quart " . . . . .	1.20

### LE PAGE'S FISH GLUE

Is undoubtedly the standard of excellence, and that its superiority is known is attested by its largely increasing sales.

NEW STYLE PATENT CANS

Half pints . . . . .	each, \$.30
Pints . . . . .	.50
Quarts . . . . .	.90
Gallons . . . . .	2.50

### CLARIFIED FISH GLUE

This glue is prepared expressly for making half-tone solution, and will be found to give better results than the ordinary liquid glue. Being put up in glass bottles it is not affected by corrosion, as is the case with the tin packages. A well-recommended formula accompanies each bottle.

*Price*

1 Pint . . . . .	\$1.00
1 Quart . . . . .	1.65

In ordering, be sure to specify CLARIFIED.

### COPPERING SOLUTION

FOR COPPER-FACING ZINC PLATES WITHOUT A BATTERY

This preparation is not designed to protect zinc cuts against wear, but merely as a protection against oxidation.

Price . . . . . 1 pint bottle, 75 cents

## Charcoal

THE engraver's charcoal handled by us is of the best, being made by a manufacturer of many years' experience. The No. 1 grade comes eight pieces to the pound.

No. 1 grade, 1½ x 1½ x 6 inches for finishing, per lb. . . . .	\$.250
" 2 " 3¼ x 2¼, for cutting down and grinding, per doz. . . . .	1.50

Special prices by barrel.

### POLISHING MATERIALS

Emery Flour, per lb. . . . .	\$.15
Pumice Stone, lump, per lb. . . . .	.15
Rotten Stone, powdered, per lb. . . . .	.20
Rouge, nickel platers, per lb. . . . .	.60
* Scotch Stone, irregular pieces, per lb. . . . .	.15
* " " sawed into cubes, 6 to 8 inches long by 1½ or 2½ inches square, per lb. . . . .	.30
Whiting, per lb. . . . .	.10

\* Our Scotch Stone is the best grade Scotch Stone.

### COPY HOLDER

With this device, copy that has been rolled or crumpled can be made to lie flat without multilating with nails or thumb tacks.

14 x 17 inches . . . . . each, \$4.50

## Mud Ground Glass for Transparencies or Cameras

**T**HIS glass is of the finest quality photo glass, carefully selected and absolutely flat, and is ground by a new process by the use of a fine quality of mud, which gives a most admirable texture to the ground glass, making it practically free from grain, the advantage of which is, of course, obvious. It is the best and most satisfactory ground glass on the market.

Single Thick	Per Light	Single Thick	Per Light
4 x 5	\$0.80	6½ x 8½	\$0.18
4¼ x 6½	.10	8 x 10	.26
5 x 7	.14	10 x 12	.40
5 x 8	.14	11 x 14	.50

### GROUND GLASS FOR CAMERAS

10 x 10 inches	each, \$0.75
12 x 12 "	" 1.00
14 x 14 "	" 1.25
17 x 17 "	" 1.75
20 x 20 "	" 2.25

## Effective Collodion Bottle

**A**MARKED improvement has been made in the plain collodion vial. Many of these articles have not been provided with a good pouring lip, and have had no means for preventing the flowing of any possible sediment outward with the collodion or varnish. The curvature in the base retards the passage of that sediment, while the lip is so constructed that the liquid returns to the bottle and does not drop outwardly. The neck is widened to more readily admit the return of the solution to the bottle.

Can be effectually corked.

Price, eight oz. bottle . . . . . each, \$0.40

### CROSS' FILTERING AND POURING BOTTLE

This vial is most useful for filtering and pouring. Oftentimes collodion requires modification—it may be too thick or too thin, too old or too new, or the photographer may be desirous of combining two or more varieties, to meet a present requirement; and in all similar exigencies he has nothing to do but to fill the vial and go to work, for the process of filtration is constantly progressing. It is equally useful for varnishes.

The bottle is of the ordinary form but of somewhat larger size. Inside of this a graduated glass tube is inserted, from the top of which the collodion or varnish flows; and at the base one or more thicknesses of canton flannel serve for a filter that will last for months. The funnel-shaped orifice receives the excess from the plate, and renders waste unnecessary. The cap covers both flowing and receiving orifices, and is easily removed. It is highly commended by many users.

Price . . . . . \$3.50

## India Ink

Lion Head, per stick . . . . . \$0.20  
 " " " lb. (40 sticks) . . . . . 6.50

### SPOTTING COLORS

For spotting prints, in sets of three colors, price per set . . . . . \$0.15

### GIHON'S OPAQUE

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

### A. & S. OPAQUE

Semi liquid, in porcelain jars . . . . . \$0.35  
 Hard, in porcelain cups . . . . . .15

### SCOVILL'S OPAQUE

For spotting negatives, etc., per jar . . . . . \$0.35  
 " " " " Amateur size . . . . . .15

### U. S. PHOTO CLIP

THE LATEST AND CHEAPEST SERVICEABLE PHOTO CLIP IN THE MARKET

This clip is exceedingly strong, being made of hard wood, with heavy wire springs, and is provided with a hook. The quality of stock employed in its construction is the best and the price lower than that of any other article of its kind.

Per gross . . . . . \$2.50  
 Per dozen . . . . . .25

### PASSEPARTOUT BINDERS

Pebbled paper, for binding Passepartout pictures, transparencies, etc. In rolls of 12 yards ¾ in. wide.

Price, per roll . . . . . \$0.20

### ANTHONY'S NON-ACTINIC PAPER

Prepared expressly to exclude actinic rays, and especially useful in improving dark-rooms, ruby lamps, etc.

In Sheets of 12 x 19 in., per dozen . . . . . \$1.50

### CEPA SKIN PAPER

For Vignetting, very fine, per dozen . . . . . \$0.20

### TISSUE AND STICKING PAPERS

Joseph Paper, for cleaning the plate holder and absorbing the waste silver, thereby protecting the holder, per quire, 25c.; per ream \$4.50  
 Gum or Sticking Paper, per dozen, 20 cents; gross . . . . . 2.50  
 Needle Paper, per dozen 25 cents; per ream . . . . . 8.00  
 Post Office " " " 20 " . . . . . 6.00  
 Sheplie's Gum Paper, per roll of 300 yards . . . . . .60

## Filtering Papers

French Round, in packs of 100 sheets, No. 19, 7½ in., diameter	\$0.28
" " " " " 25, 10 " "	.36
" " " " " 33, 13 " "	.52
" " " " " 40, 16 " "	.64
" " " " " 45, 18 " "	.84
" " " " " 50, 19½ " "	.96
Best Square White Filtering Paper, per quire	.40

### WORLD BLOTTING PAPER

100 lb., 19 x 24	per doz. \$0.60
100 lb., 19 x 24	per ream \$16.00

### ANTHONY'S REGAL NON-LINTING BLOTTER

Size	
18 x 24, Chemically Pure	per doz. \$0.26
18 x 24, Chemically Pure	per ream 9.00

### ANTHONY'S SENSITIVE LITMUS

Is thoroughly reliable, and is made especially for use in toning baths. It is put up in amber glass tubes, convenient for the pocket. Both colors, red and blue.

Sheets 9 x 11 inches, per sheet	\$.05
" " " dozen	.50
One hundred pieces in Tube	.15

### FERROTYPE ENVELOPES

Bon-ton Ferrotypes Envelopes, per 1,000	\$1.60
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### PROOF ENVELOPES

(NON-ACTINIC)

No. 1152	Size, 3½ x 6	No. 6	\$1.50 per thousand
" "	" 4½ x 6½	" 7	2.75 " "

### MAILING ENVELOPES

(500 IN BOX)

No.	Lbs.	Size		Per M.
9403	40	5½ x 7½	O. E.	\$1.45
9403	40	6¼ x 8¼	(Corona)	2.00
9403	40	8½ x 10½	(Boudoir or Paris Panel)	3.00
9503	50	5½ x 7½		1.80
9503	50	6¼ x 8¼	(Corona)	2.50
9503	50	7½ x 9½		3.00
9503	50	8½ x 10½		3.50
9503	50	8¼ x 11¼		4.00
9503	50	12 x 15		8.00

### SPONGES (CHAMOIS)

Sponges will be found useful in cooling off zinc plates during process of etching, while the chamois are used for drying, etc. The price will depend on size and quality.

## Tracing Papers

### FRENCH, VEGETABLE, EXTRA FINE

No. 4790 13 x 17 inches	per quire \$0.65
No. 4794 13 x 24 " "	" " 1.65

### OXFORD

Imperial, 20 x 30	per quire \$1.00
Double Elephant, 30 x 40	" " 2.00

### BRISTOL BOARDS

22 X 28 INCHES

Eagle, for pen and ink drawings	per doz. \$0.96
P. O. Superior, for pen and ink. Especially adapted for process work	" " 1.45

### ENAMEL SCRATCH BOARDS

These boards admit of free working with pen and brush. They have an extra enameled surface that may be scratched or scraped with suitable instruments for the purpose of white lining, fac-simile, or blacks, picking out lights, or making alterations in the drawing.

#### Prices

14 x 22 inches, per dozen sheets	\$1.80
22 x 28 " " " "	3.60

## Etching Powders

### DRAGON'S BLOOD

**O**UR Etching powders are positively the best the market affords. They form a stronger acid resist than other brands, melting smooth, without pinholes, and will not burn in brittle.

#### Prices

	Per lb.	5 lb.	10 lb.
Extra Dragon's Blood	\$1.25	\$5.75	\$10.00

### ANTHONY'S XXX POWDER

This is a special preparation used by applying to the plate after the first powdering. It saves time, prevents spreading of the lines, saves one powdering, and makes a top in connection with Anthony's Special that cannot be excelled.

Per Pound	\$0.75
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### ZINC ETCHING FLUID

Prepared for etching zinc. Etches cleaner and faster than nitric acid.

7 lb. g. s. b.	\$0.85
Carboys (carboys \$1.50 extra), per lb.	.05

### ETCHING POWDER BOXES

It is absolutely essential that the etching powder is kept free from foreign matter. These boxes are specially designed for that purpose.

#### Price

18 x 18 inches	each, \$2.00
24 x 24 " "	" " 3.00



## Developing Powders and Other Preparations



### EIKONOGEN DEVELOPING POWDERS

**T**HESE powders are compounded with E. A. Standard Chemicals. Each box contains sufficient material to make twenty-four fluid ounces of developer. Six packages in each box, each package sufficient for four ounces of developer.

Price, per box . . . . . \$0.25

### EIKONOGEN AND HYDROCHINONE DEVELOPING POWDERS

Produce beautiful negatives, with all the softness of eikonogen and the contrast and density of hydrochinone.

Price, per box of 6 powders, each making 4 oz. solution . . . . . \$0.25

### HAMMER'S ONE POWDER DRY DEVELOPER

Accurately compounded, using the purest of chemicals. This developer is put up in capsules. The contents of each capsule, when dissolved in water, will make five ounces of good developer.

Six capsules in each box. Price, per box . . . . . \$0.25

### FERROUS OXALATE DEVELOPER READY FOR USE

The perfect developer for Bromide papers. Many photographers still think it unrivaled for plates.

Two solutions, with full directions, per set . . . . . \$0.50

## Developing Powders and other Preparations

— Continued

### ACID SULPHITE OF SODA FOR USE IN THE FIXING BATH

Acid Sulphite, in connection with the hypo bath, serves to keep it clear and reduces the time of fixing very considerably, and gives exceptionally clear and stainless negatives. It is invaluable for fixing lantern slides. It may also be used as a preservative for pyro, hydrochinone, or eikonogen in developers, but not in those developers where all the ingredients are in one bottle. Each pint weighs one and one-quarter pounds, full weight.

Pint bottle . . . . . \$0.40

### E. A. PLATINITE

For producing platinum tones on Collodion Matt paper. It is chemically pure and of unequalled quality. A fifteen-grain bottle will tone from 1,500 to 2,000 cabinet prints.

	Price		Price
15-grain bottle . . . . .	\$0.60	½-ounce vial . . . . .	\$ 6.50
½-ounce vial . . . . .	3.50	1-ounce vial . . . . .	12.00

### AMATEUR GOLD AND PLATINUM

For toning Collodion Matt papers. Ready for use with the addition of water. This preparation secures reliably the Platinum and Carbon effects now so popular on Collodion Matt.

Amateur Gold . . . . . \$0.50 Amateur Platinum . . . . . \$0.50

### ANTHONY'S DEVELOPING POWDERS

#### ECONOMICAL AND CONVENIENT

These powders are put up in dry form, and in such a way that the contents of an envelope only need to be added to two ounces of water, when the developer is ready for immediate use, after which it may be used repeatedly.

Each package contains one dozen envelopes of the dry powder, sufficient to develop a large number of plates. The powders are not subject to deterioration, but will keep indefinitely in the dry form.

Price per package of one dozen . . . . . \$0.50

#### HYDROCHINONE DEVELOPING POWDERS

Possess the valuable properties of Anthony's Liquid Hydrochinone developer. Convenient for the tourist or amateur. Put up in boxes containing six powders each.

Price . . . . . \$0.25

#### HYDROCHINONE DEVELOPING TUBES

Add the contents of tube to eight ounces of water, and the developer is ready for use. Particularly valuable for the tourist.

Price, per box of 3 tubes . . . . . \$0.25

#### STANLEY'S CONCENTRATED DEVELOPER

A concentrated pyro developer put up in package containing two 8-oz. bottles; one, the pyrogallic solution, the other, the alkali, thus enabling the operator to proportion them as desired.

Price, per package . . . . . \$0.50

Cyko Re-developer for Sepia Tones. Price per 4 oz. bottle . . . . . 50

## Developing Powders and other Preparations

— Continued

### E. A. NEGATIVE DRYER

#### AN ARTICLE OF SUPERLATIVE MERIT

This preparation hardens the film so that the negative may be printed from in five minutes after the final wash.

As it makes the film hard, no varnish is required. By its use all trouble experienced in hot, humid weather is overcome, as it effectually prevents paper from sticking.

Per 8-oz. bottle . . . . . \$0.50

### ANTHONY'S PERMANENT REDUCER

For the reduction of overdense negatives, transparencies, lantern-slide and bromide prints. Soak the negative in water for ten minutes, and immerse in the reducer until the required reduction has taken place. Wash well.

8-oz. bottle . . . . . \$0.25

### E. A. INTENSIFIER

A two-solution intensifier of great strength and merit, will keep indefinitely and may be used repeatedly.

Per set . . . . . \$0.50

### BADEAU'S RETOUCHING SOLUTION

Is the best thing known for retouching negatives. For retouching locks of hair, scratches and wrinkles in dresses, a Faber No. 2 HH may be used, and for general work a harder lead. With it retouching and strengthening may be done upon the glass side.

Per bottle . . . . . 15, 25, and 50 cents

### ABSORBENT COTTON

1 lb. package . . . . .	\$0.40
8 oz. in paper box . . . . .	.25
4 oz. " . . . . .	.15
2 oz. " . . . . .	.08
1 oz. " . . . . .	.05

### COLLODIONS

Anthony's Negative . . . . .	per lb., \$1.25
New . . . . .	" 1.25
Positive . . . . .	" 1.25
Instantaneous . . . . .	" 1.25
Dry . . . . .	" 1.25
New View . . . . .	" 1.25
New Ferrotype . . . . .	1.20
Glacé . . . . .	per quart, 1.50
Newton's Quick . . . . .	per lb., 1.30
Anthony's Porcelain . . . . .	per 8 oz. bottle, 1.50
Coonley's Portrait Collodion . . . . .	per lb., 1.20
Lewis & Holt's Negative and Positive . . . . .	per bottle, .65

### DERMALINE

A most elegant and pleasant preparation for softening the skin and protecting it from the effects of the weather, the action of chemicals, etc. To photographers it is invaluable, as it protects the hands from dangerous chemicals, so preventing Bichromate and other chemical poisoning. For coryza, if rubbed into the nostrils, it will at once allay the inflammation and stop the discharge. For burns, chapped hands, bites of insects, old sores and scabs. No greasiness accompanies its use, nor will the hands, after being thoroughly rubbed with it and dried, soil the clothing. The white powder is easily removed by a brush. To be applied with considerable friction after washing, or at any time when the skin is clean and thoroughly dry.

Per bottle . . . . . \$0.25

## Developing Powders and other Preparations

— Continued

### ANTHONY'S ENAMELINE

FOR CLEANSING AND ENAMELING PHOTOGRAPHS  
Per bottle . . . . . \$0.62

### ANTHONY'S EIKONOGEN DEVELOPER

Eikonogen, as used in the Anthony formula, is a rapid developer, producing negatives of a beautiful softness and fullness of detail. It may be used repeatedly, and for all but under-exposed negatives the old developer is fully equal to the new.

Price, per 8-ounce bottle . . . . . \$0.25  
" " 16 " " . . . . . .45

### ANTHONY'S HYDROCHINONE DEVELOPER

#### READY FOR USE

For use, this solution is simply poured into the tray, and when development is finished may be filtered and returned to the bottle. Hydrochinone is a developer endorsed by every dry plate maker in existence. While not so rapid as some, it allows for greater errors in exposure, and produces negatives of splendid contrast and "snap," yet with fullness of detail.

Price, per 8-ounce bottle . . . . . \$0.25  
" " pint " . . . . . .45  
" " quart " . . . . . .80

### ANTHONY'S PYRO DEVELOPING POWDERS

The most convenient form of developer for those who prefer the long tried and always reliable pyro. These powders are prepared ready for use by simply dissolving in water, and will be found invaluable for the tourist or occasional user.

Price, per box of 6 powders, each making 4 oz. solution . . . . \$0.25

### ANTHONY'S METOL-HYDRO DEVELOPING POWDERS

Are carefully compounded with metol and hydrochinone, from pure chemicals, and produce negatives of excellent quality, with the advantages obtained from a combination of these developing agents.

Price, per box of 6 powders, each making 4 oz. solution . . . . \$0.25

### ANTHONY'S HALF-TONE DEVELOPING POWDER

Will be found to help the inexperienced when developing half-tone prints on copper. By its addition to the water, it enables the operator to easily determine when the plate is developed.

4 oz. . . . . \$0.75

### ANTHONY'S ETCHING INK

This ink is made expressly by us for rolling up the zinc plate after exposure. It has exceptional acid resisting power, which makes etching inks desirable.

1/4 lb. cans . . . . . each, \$1.75  
1/2 " " . . . . . " 3.00  
1 " " . . . . . " 5.00

### ANTHONY'S PROOF INK

Prepared expressly for making fine line and half-tone proofs on coated paper.

	No. 1.	
1 lb. can . . . . .		\$5.00
1/4 " " . . . . .		1.35
	No. 2.	
1 lb. can . . . . .		\$2.00
1/4 " " . . . . .		.60

## Developing Powders and other Preparations — Continued

### PHOTOGRAPHIC GELATINE

The various brands of gelatine mentioned below, we can supply at the following prices:

Henrich's Celebrated Gelatine . . . . . per lb. \$1.25  
" Lichtdruck " . . . . . 1.35

### ANTHONY'S DRY PLATE VARNISH

This varnish does not impart any color to the negative, and will not soften in the heat of the sun.

Per 6-oz. bottle . . . . . \$0.40  
Pint . . . . . 1.00  
Quart . . . . . 1.90

### VARNISHES

Description	Per 6-oz. Bottle	Pint	Quart
Flint . . . . .	\$0.40	\$1.00	\$1.90
Mountfort's . . . . .	.40	1.00	1.90
Special . . . . .	.40	. .	. .
Retouching . . . . .	.50	1.25	2.25
Diamond . . . . .	.35	1.00	1.75
Dry Plate . . . . .	.40	1.00	1.90
S. P. C. Negative . . . . .	.35	1.00	. .
Retouching Varnish . . . . .	. .	.50	. .

### COTTONS

Anthony's Negative . . . . . per oz., \$0.50  
No. 1 and No. 2 Soluble . . . . . .50  
Positive . . . . . .50  
Snowy . . . . . 1.00  
Glacé Cotton . . . . . .50  
Climax " . . . . . .75  
Special " . . . . . 1.00  
Papyroxyline . . . . . 1.00  
Hance's Silver Spray Negative . . . . . .50  
" Delicate Cream Negative . . . . . .75

### ANTI-HALO

For application to the glass side of plates before exposure, to prevent halation.

Anti-Halo is very necessary for photographers, either amateur or professional. Plates backed with it produce negatives entirely free from halation, and its application is the essence of simplicity. By its use, windows, sky, and brilliant lights are more satisfactorily rendered.

Size No. 1 . . . . . \$0.60  
" 2 . . . . . 1.00  
By mail, either size, extra . . . . . .10

### ANTHONY'S STRIPPING COLLODION

1 pint bottle . . . . . each, \$0.75  
½ gallon can . . . . . 2.75  
" " . . . . . 5.00

### ANTHONY'S RUBBER STRIPPING SOLUTION

This solution is made from a well-tested formula, having been used for years by professional process workers.

1 pint bottle . . . . . each, \$0.40  
½ gallon can . . . . . .95  
" " . . . . . 1.40

## Coolidge's Comic Foregrounds



THE following is an up-to-date list of comic foregrounds, and we wish to call the attention of photographers to the advisability of keeping an assortment of them on hand, not only on account of the money they will bring in, but for the amusement of customers. There is nothing like keeping patrons in good humor. They will then come again. They are *just the checker* for making illustrated postal cards, the craze of the day. The caricatures can also be enlarged, finished in water colors and sold for from five to ten dollars each.

Most humorous caricatures are secured with the aid of these foregrounds with scarcely more trouble than in making ordinary pictures. The foregrounds are simply held up under the sitter's chin.

Read the list over and you will certainly see some subject that you would like. Many of them can be utilized by wide-awake advertisers. Order by number. If you wish them lettered, state whether for photos or tin-types. It would also be well to state which side your gallery light comes from. Any practical design made without extra charge. *Beware of imitations!*

Put up a notice informing your patrons that you make caricatures from Coolidge's Celebrated Foregrounds.

### Price, by Mail or Express

1 Foreground . . . . .	\$ 2.00
2 " . . . . .	3.60
3 " . . . . .	4.95
4 " . . . . .	6.00
5 " . . . . .	7.00
6 " . . . . .	8.00
10 " . . . . .	10.00

## Coolidge's Comic Photo Foregrounds—

Continued

1. A man riding a donkey. "I am coming."
2. A man out walking with twins. "A proud father."
3. A man riding a flying goose. "Out on a fly."
4. A base ball player at the bat. "Ten thousand a year."
5. A man writing at table. "A letter to sweetheart."
6. A man in a donkey cart. "Have a ride?"
7. A man fishing from bank. "In the Adirondacks."
8. A man hunting rabbits. "A touch of buck-fever."
9. A man with a traveling bag and umbrella. "Good-bye."
10. A man standing in a silk hat. "The midget."
11. A fat man. "When I get fat."
12. A man's head on a plate on table. "With my compliments."
13. A man weeping. "No one to love."
14. A man with girl on his arm. "Comin' thro' the rye."
15. A woman with dog on her lap. "My only pet."
16. A girl promenading with dog. "My dog and I."
17. A man riding a goat. "When I joined the masons."
18. A man in night-gown tending baby. "I'm a father."
19. A man sewing on buttons. "The bachelor."
20. A man drinking a glass of beer. "To your health."
21. A man in night-gown with candle. "Put me in my little bed."
22. A man in full dress. "Ah, there!"
23. A man in stylish overcoat and cane. "My night off."
24. Old lady. "Will you love me when I'm old?"
25. A base-ball player running a base. "Score!"
26. A fat woman in bathing. "By the sad sea waves."
27. A fat man in bathing. "Coney Island."
28. A man and two children in surf. "Sports."
29. A thin man in surf. "A thing of beauty is a joy forever."
30. A man making a billiard shot. "His finish."
31. A man in canoe. "I paddle my own canoe."
32. A thin girl in the surf. "Venus."
33. A man fishing from dock. "Nothing doing."
34. A fat man. "I'm going to be an alderman."
35. A fat woman with fan. "A hot day."
36. A woman running an automobile. "Independence."
37. A man taking his morning toddy. "Will you join me?"
38. A man or girl with chicken body. "Only a chicken."
39. A jockey riding a donkey. "The favorite."
40. A man eating a bowl of soup. "A five-cent dinner."
41. A man in bed. "Time to get up."
42. A man reading letter. "From sweetheart."
43. A man with face on back of head. "A freak."
44. A man with very high shirt collar. "Getting up in the world."
45. A jumping-jack. "All play and no work."

## Coolidge's Comic Photo Foregrounds—

Continued

46. A man in bowl of soup. "In the soup."
47. A man rowing in boat. "Have a ride?"
48. A man artist. "A dream of fame."
49. A man making a call. "Good evening!"
50. A woman at wash-tub. "Equal to the emergency."
51. A woman with engagement ring. "I'm engaged."
52. A jack in a box. Toy fashion. "Boo!"
53. A man orator. "Fellow citizens!"
54. A man on a bicycle. "Making a century."
55. A man kneeling. "Will you marry me?"
56. A man riding an elephant. "I travel with the circus."
57. A farmer. "A man with a hoe."
58. A man in cart driving a pair of geese. "My turnout."
59. A man on top of Pike's Peak waving hdkf. "Hallo!"
60. A man riding donkey with back toward donkey's head.
61. A man riding a camel. "In foreign lands."
62. A man running with pig under his arm. "Peter Piper."
63. An Irishman. "Fresh from Cork."
64. A man leading a small dog. "Beware the dog!"
65. A man riding a walking goose. "An outing."
66. A woman in low cut evening dress. "Yours, ever."
67. An old man. "Will you love me when I'm old?"
68. A man in cart with a small dog pulling. "My dog-cart."
69. A man running with sample-cases. "Wait for me."
70. A man pushing a baby-cart. "Nothing like married life."
71. A woman pushing a baby-cart. "Mother's darling."
72. A man with hands in pockets. "Strapped."
73. A man in continental costume. "My grand-father."
74. A man with corsets. "Up-to-date."
75. A man holding up two immense fish. "Down in Florida."
76. A woman fishing from bank. "Way up in Maine."
77. A base-ball pitcher about delivering a ball. "Ten thousand a year!"
78. A man with immense pipe. "I smoke."
79. A man with big string of fish. "I didn't buy them!"
80. A man carrying baby on street with wife by his side. "Our first."
81. A sailor boy. "Jack on shore."
82. A man organ grinder with monkey. "A musical director."
83. A man photographer. "LOOK PLEASANT!"
84. A clown. Circus costume. "How do you do?"
85. A man or woman as a ballet dancer. "All the rage."

## Coolidge's Comic Photo Foregrounds— Continued

86. A man fishing from boat. "As good fish in the sea as ever were caught."
87. A man tourist. "Around the world in two weeks."
88. A woman out shopping. "A well-filled purse."
89. A woman in big apron. "Little Mother Hubbard."
90. A man with a woman on each arm. "I'm so popular!"
91. A thin man. "When I get thin."
92. A man riding a rooster. "Never beaten."
93. A man floating in water. "At Coney Island."
94. A peanut man. "Peanuts!"
95. A man riding a lion. "When I was in Africa."
96. A bald-headed man and a bow-legged baby. "Oh, ma-ma!"
97. A woman in a cart driving a goose. "My turn-out."
98. A man riding in an automobile. "You auto."
99. A man riding an alligator. "In Florida."
100. A man with a frying-pan in hand. "In camp."
101. A man at wash-tub. "It has come to this."
102. A man with foot on big fish. "I landed it!"
103. A woman walking with two children. "In the park."
104. A man or woman in night-gown. "Kiss me good night."
105. A champion pugilist. "Champion!"
106. A girl skating. "First prize."
107. A man skating. "The favorite."
108. A woman with a hoe. "In my garden."
109. A farmer plowing. "I belong to the soil."
110. A man riding a kangaroo. "In Australia."
111. A man caller holding the baby. "I must go!"
112. A man driving a span of donkeys. "Have a ride?"
113. A fat policeman. "I hope to be a policeman."
114. A man washing dishes. "There's nothing like keeping house!"
115. A man with sweetheart in dog-cart. "How lovely!"
116. A fat man with fan. "It's a hot day."
117. A man or woman with body of monkey. "The missing link."
118. A chicken farmer. "Chick, Chick!"
119. A man serenader. "My love lies dreaming!"
120. A man on toboggan. "Up in Canada."
121. A girl riding a donkey. (A companion for No. 1.) "Two-forty!"
122. A hunter with dog and game. "The return."
123. A general. "I'm going to be a general!"
124. A man holding his head in his hand. "My finish."
125. A man with immense cane. "Going to see my sweetheart."

## Coolidge's Comic Photo Foregrounds— Continued

126. A man on horseback. "In the park."
127. A man smoking an immense cigar. "I smoke."
128. A jockey riding a donkey. "First choice."
129. A woman and ugly bull-dog. "Love me, love my dog."
130. A man dancing a jig. "A boy again."
131. A girl riding a wheel. "Will you join me?"
132. A baby in a bowl. (For man, woman or child.) "The bath."
133. A man starting for the Klondike. Great expectations."
134. A soldier. "I'm going to be a soldier."
135. A man riding a bicycle with hands off. "Ah, there!"
136. A man tramp with bundle and stick. "On the road."
137. A man riding a fish in the water. "Good sport."
138. A man riding a hog. "I'm on the hog."
139. A man riding a hobby-horse. "My hobby."
140. A man's head on body of donkey. "I'm a donkey!"
141. A man's head on body of goose. "I'm a goose!"
142. A man leading a miniature elephant. "My pet."
143. A man spanking a boy. "The head of a family."
144. A man smoking on roof of a house-boat. "At home."
145. A man in night-gown with revolver and candle. "Burglars!"
146. A man playing the violin. "A second Ole Bull."
147. A man running—for office. "I'll get there—with your help."
148. A woman with large feet. I'm from Chicago."
149. A man riding an ostrich. "In Africa."
150. A man offering to shake hands. "How d'y?"
151. A man in a racing automobile. "A mile a minute."
152. A man actor on railroad track. "Walking is good."
153. A man in auto with feet up in front. "Have a ride?"
154. A star base-ball pitcher. "Three men on bases!"
155. A girl with parasol and lorgnettes. "The Gibson girl."
156. The milkmaid. "Your country girl."
157. A man riding an elk. "One of 'em."
158. A man on a sailing yacht. "The winner."
159. A man with a straight-flush. "Only called!"
160. A man winning a jack-pot. "Only deuces!"

## Coolidge's Comic Photo Foregrounds—

Continued

- |   |   |
|---|---|
| 161. Man at wheel on yacht.                                   | 192. A man with bull dog on coat tail. "A hold up."       |
| 162. Well-shaped woman bather.                                | 193. Wild west man shooting revolvers. "In the Rockies."  |
| 163. Man and glass of champagne.                              | 194. Man on roller skates. "A champion."                  |
| 164. Man opening champagne.                                   | 195. Woman on roller skates. "The favorite."              |
| 165. Man slightly intoxicated.                                | 196. Shriner riding a camel. "Crossing the heated sands." |
| 166. Man in boat pulling in big fish.                         | 401. Man and woman in auto.                               |
| 167. Man at sea in a tub.                                     | 402. Man and woman in surf.                               |
| 168. Buster Brown—"Resolved to do right."                     | 403. Man and woman dancing.                               |
| 169. Man riding a bull.                                       | 404. Man and woman racing on donkeys.                     |
| 170. Man on water wagon.                                      | 405. Man and woman promenading.                           |
| 171. Man carving a turkey.                                    | 406. Man and woman in row boat.                           |
| 172. Girl at table writing.                                   | 407. Man and woman leading a child.                       |
| 173. Man falling off water wagon.                             | 408. Man and woman sparring.                              |
| 174. Barber shaving a man.                                    | 409. Man and woman riding in two donkey carts.            |
| 175. Man with a broad grin. "You make me smile."              | 410. Man with long arm around woman in park on bench.     |
| 176. Man with bull dog body.                                  | 411. Man and woman doing the cake walk.                   |
| 177. Man on bucking donkey.                                   | 412. Two men racing on donkeys.                           |
| 178. Man in goat cart.  | 413. Man and woman swimming in surf.                      |
| 179. Female with fish body.                                   | 414. Man and woman fishing from boat.                     |
| 180. A man in air ship.                                       | 415. Man and woman on bicycles.                           |
| 181. Man's head with locomotive for body.                     | 416. Man and woman riding two flying geese.               |
| 182. Man or woman with owl's body.                            | 417. Man and woman drinking beer at table.                |
| 183. Dentist pulling a man's tooth.                           | 419. Man giving a girl an outing in a wheel-barrow.       |
| 184. Girl typewriter.   | 420. Two men racing on air ships.                         |
| 185. Man golf player.   | 421. Two birds on telegraph wire—(men or women).          |
| 186. Woman golf player.                                       |   |
| 187. A clown walking a tight rope. "A star."                  |   |
| 188. A man or woman flying. "When I wear wings."              |   |
| 189. A man in full dress, smoking. "Have a smoke with me?"    |   |
| 190. A man with money. "Going to races—flush."                |   |
| 191. A man with empty pockets. "Returning from races—busted." |   |

## Levy Cross-Line Screens

The outside dimensions of Screens are one-half inch larger each way than the sizes given in this list.

*CODE WORDS for sizes only	Sizes in Inches	LINES PER INCH						
		85 or less	100	110 or 120	125 or 133	140 or 150	166 or 175	200
<i>Ambition</i>	6 x 8	\$ 15.00	\$ 18.00	\$ 20.00	\$ 22.00	\$ 26.00	\$ 32.00	\$ 40.00
<i>Ambitious</i>	6½ x 8½	18.00	20.00	24.00	28.00	32.00	40.00	50.00
<i>Ambitorem</i>	7 x 9	24.00	25.00	30.00	36.00	42.00	50.00	65.00
<i>Ambitoris</i>	8 x 10	32.00	35.00	42.00	48.00	54.00	68.00	82.00
<i>Ambitos</i>	9 x 11	35.00	40.00	55.00	60.00	70.00	85.00	100.00
<i>Ambiunt</i>	10 x 12	40.00	52.00	70.00	80.00	95.00	110.00	130.00
<i>Ambiverat</i>	11 x 14	60.00	80.00	98.00	115.00	135.00	160.00	185.00
<i>Ambiveris</i>	12 x 15	75.00	100.00	120.00	142.00	170.00	200.00	230.00
<i>Amblabas</i>	13 x 16	95.00	122.00	144.00	172.00	208.00	240.00	280.00
<i>Amblakene</i>	14 x 17	115.00	145.00	168.00	208.00	252.00	280.00	340.00
<i>Ambiant</i>	15 x 18	135.00	170.00	198.00	245.00	300.00	350.00	400.00
<i>Amblaran</i>	16 x 20	166.00	208.00	240.00	305.00	360.00	420.00	500.00
<i>Amblaria</i>	17 x 21	188.00	235.00	270.00	340.00	405.00	475.00	570.00
<i>Ambleos</i>	18 x 22	210.00	265.00	305.00	385.00	455.00	540.00	640.00
<i>Amblestis</i>	20 x 24	255.00	316.00	365.00	460.00	540.00	665.00	...

\* CODE WORDS FOR LINES PER INCH

<i>Amblia.</i>	60 lines.	<i>Amblotical.</i>	120 lines.	<i>Amboss.</i>	166 lines.
<i>Ambliope.</i>	65 lines.	<i>Amblygone.</i>	125 lines.	<i>Ambotay.</i>	175 lines.
<i>Ambliitro.</i>	85 lines.	<i>Amblyfus.</i>	133 lines.	<i>Ambotrace.</i>	200 lines.
<i>Amblodon.</i>	100 lines.	<i>Ambonic.</i>	140 lines.		
<i>Amblose.</i>	110 lines.	<i>Ambonical.</i>	150 lines.		

### TRIAL SIZES LEVY CROSS-LINE SCREENS

These sizes were originally prepared to afford workers an opportunity to test the Screens with but a moderate outlay, and, although the Screens are now universally recognized and used, there is such a considerable demand for these sizes that it has been decided to continue them.

PARTICULARS OF TRIAL SIZES

*CODE WORDS for sizes only	Sizes in Inches	LINES PER INCH						
		85	100	110 or 120	125 or 133	140 or 150	166 or 175	200
<i>Ambreta</i>	3¼ x 4½	\$ 2.00	\$ 2.00	\$ 2.00	\$ 2.00	\$ 3.00	\$ 5.00	\$ 8.00
<i>Ambrevada</i>	4 x 5	4.00	4.00	4.00	4.00	6.00	8.00	12.00
<i>Ambriamo</i>	4¼ x 6½	6.00	6.00	6.00	6.00	8.00	10.00	16.00
<i>Ambrices</i>	5 x 7	9.00	9.00	10.00	12.00	14.00	16.00	22.00
<i>Ambricum</i>	5 x 8	12.00	12.00	12.00	14.00	16.00	20.00	28.00

## Photographic Chemicals

[c. b., signifies corked bottle; g. s. b., signifies glass stoppered bottle.]

**T**HE purchaser of chemicals has no guarantee against the troubles that poor ingredients always bring, save in the reputation and reliability of the house whose name the package bears.

Of all names, none stands for greater reliability and honest compounding than that of THE ANTHONY & SCOVILL CO.

Look for E. A. and S. P. C. and avoid disappointment.

<b>Acid</b>	Pyrogallic, Sherings, in oz. can, per oz. . . . .	\$ .27
Acetic, No. 8, in oz. bottle, per oz. . . . .	Pyrogallic, Sherings, in 4 oz. can, per can . . . . .	.95
Acetic, No. 8, in lb. bottle, per lb. . . . .	Pyrogallic, Sherings, in 8 oz. can, per can . . . . .	1.75
Carbolic, C. P., in lb. bottle, per lb. . . . .	Pyrogallic, Sherings, . . . . .	3.40
Carbolic, C. P., in oz. bottle, per oz. . . . .	Sulphuric, C. P., in lb. g. s. b. per lb. . . . .	.32
Citric, in oz. bottle, per oz. . . . .	Sulphuric, C. P., in oz. g. s. b. per bottle . . . . .	.11
“ in 4 oz. bottle, per bot. . . . .	Sulphuric, Com'l, in 9 lb. g. s. b., per bottle . . . . .	.63
“ in lb. bottle, per lb. . . . .	Tartaric, in lb. c. b., per lb. . . . .	.60
Muriatic, 20°, in 6 lb. g. s. b. per bottle . . . . .	<b>Albumen</b>	
Muriatic, C. P. in lb. g. s. b. per lb. . . . .	Dry (Egg) per lb. . . . .	1.25
Muriatic, C. P. in oz. g. s. b. per oz. . . . .	Dry (Egg) per oz. . . . .	.11
Nitric, 38°, in carboys, per lb. . . . .	<b>Alcohol</b>	
“ 40°, “ “ “ . . . . .	Atwood's pat., in bulk, per gallon . . . . .	3.75
“ C. P., in lb. g. s. b. per lb. . . . .	Atwood's pat., in gal. bottle, per gallon . . . . .	4.20
Nitric, C. P., in oz. g. s. b. per oz. . . . .	Atwood's pat., in ½ gallon bottle, per ½ gallon . . . . .	2.15
Oxalic, in lb. bottle, per lb. . . . .	Atwood's pat. in qt. bottle, per quart . . . . .	1.15
“ in oz. “ “ oz. . . . .	Atwood's pat., in pt. bottle, per pint . . . . .	.65
Phosphoric, 50°, in lb. bottle, per lb. . . . .	Phot. 95 per cent. in bulk, per gallon . . . . .	3.20
Phosphoric, 50°, in ½ lb. bottle, per bottle . . . . .	Phot. 95 per cent. in gal. bottle, per gallon . . . . .	3.70
Phosphoric, 50°, in ¼ lb. bottle, per bottle . . . . .	Phot. 95 per cent. in ½ gal. bottle, per bottle . . . . .	1.00
Phosphoric, 50°, in oz. bottle, per oz. . . . .		
Pyrogallic, Sherings, in oz. bottle, per oz. . . . .		

## Photographic Chemicals—Continued

Phot. 95 per cent. in quart bottle, per quart . . . . .	\$1.00	Hydrosulph. in lb. g. s. b., per lb. . . . .	\$ .47
Phot. 95 per cent. in pint bottle, per pint . . . . .	.60	Hydrosulph. in 5 lb. g. s. b., per bottle . . . . .	2.00
<b>Alum</b>		Nitrate, fused, in lb. c. b., per lb. . . . .	.32
Crystal or ground, in bulk, per lb. . . . .	.09	Persulphate oz. bottle . . . . .	.15
Crystal, in 5 lb. boxes, per lb. . . . .	.10	“ lb. bottle. . . . .	1.40
Powdered, in bulk, per lb. . . . .	.10	<b>Balsam Fir</b>	
“ in 5 lb. boxes, per lb. . . . .	.11	In lb. bottle, per lb. . . . .	.80
Chrome, in 1 lb. bottle, per lb. . . . .	.23	<b>Benzole</b>	
Chrome, in 1 lb. carton, per lb. . . . .	.13	Extra distilled, C. P., in bulk per gal. . . . .	1.00
<b>Ammonia</b>		Retainers, gal. c. b. . . . .	.40
Liq. Conc., in 4 lb., g. s. b., per bottle . . . . .	.85	“ ½ gal. c. b. . . . .	.20
Liq. Conc., in lb. g. s. b., per lb. . . . .	.28	“ qt. c. b. . . . .	.14
Sulphocyanide, in lb. c. b., per lb. . . . .	.65	“ pt. c. b. . . . .	.10
Sulphocyanide, in ½ lb. c. b., per bottle . . . . .	.40	<b>Borax</b>	
Sulphocyanide, in ¼ lb. c. b., per bottle . . . . .	.25	Powdered or crystal in bulk, per lb. . . . .	.15
Sulphocyanide, in oz. c. b., per ounce . . . . .	.12	Powdered in 5lb. box, per box . . . . .	.75
<b>Ammonium</b>		<b>Cadmium</b>	
Bromide, in lb. c. b., per lb. . . . .	.90	Bromide in lb. c. b., per lb. . . . .	1.40
“ in ½ lb. c. b., per bottle . . . . .	.50	“ in ½ lb. c. b., per bottle . . . . .	.75
Bromide, in 2 oz. c. b., per bot. . . . .	.20	Bromide in ¼ lb. c. b., per bottle . . . . .	.45
“ “ oz. c. b., per bot. . . . .	.12	Bromide in oz. c. b., per oz. . . . .	.13
Iodide, in lb. c. b., per lb. . . . .	4.60	Iodide in lb. c. b., per lb. . . . .	3.50
“ “ oz. “ “ oz. . . . .	.34	“ in ½ lb. c. b., per bot. . . . .	1.80
Bichrom., C. P., in lb. c. b., per lb. . . . .	.90	“ in ¼ lb. c. b., per bot. . . . .	.95
Bichrom., C. P., in oz. c. b., per oz. . . . .	.11	“ in oz. c. b., per oz. . . . .	.27
Chloride, in lb. c. b., per lb. . . . .	.32	Chloride in oz. c. b., per oz. . . . .	.23
<b>Ammonium</b>		<b>Calcium</b>	
Chloride, in oz. c. b., per oz. . . . .	.10	Chloride in lb. c. b., per lb. . . . .	.42
		Chloride in oz. c. b., per oz. . . . .	.10
		<b>Copper</b>	
		Sulph., Com'l in bulk, per lb. . . . .	.12
		Sulph., C. P. in lb. bot. per lb. . . . .	.35
		Sulph., C. P., in lb. box, per lb. . . . .	.25

## Photographic Chemicals—Continued

<b>Dermaline</b>	Chloride, C. P. Dry, per bot- tle . . . . .	\$3.00	\$ .50
Per doz. . . . .			
Dermaline, per bottle . . . . .		.25	
<b>Developers</b>	<b>Gold and Sodium</b> Chloride, Dry, per bottle. . . . .		.27
Anthony's Climax, 8 oz. bot. 25 cents, 16 oz. bottle . . . . .	<b>Glycerine</b> C. P., in lb. bottle, per lb. . . . . In oz. bottle, per oz. . . . .	.45	.35 .07
Anthony's Developing Pow- ders, box of 12 . . . . .	<b>Gum</b> Arabic, No. 1, per lb. . . . . Asphaltum, per lb. . . . . Camphor, per lb. . . . . Damar, per lb. . . . . Sandarac, per lb. . . . . Shellac, White, per lb. . . . . " Orange, per lb. . . . . Thus, per lb. . . . . Tragacanth, per lb. . . . .	.50	.67 .20 1.00 .45 .32 .60 .40 .39 1.60
Anthony's Permanent Re- ducer, 8 oz. bottle . . . . .	<b>Hydrochinone</b> E. A. in lb. carton, per lb. . . . . E. A. per ½ lb. carton, per carton . . . . . E. A., per ¼ lb. carton, per carton . . . . . E. A., per oz. carton, per oz. . . . .	.25	2.00 1.05 .55 .15
Eikonogen for Dry Plates, per 8 oz. bottle 25c, 16 oz. bottle . . . . .	<b>Iodine</b> Resub., in lb. bottle, per lb. . . . . Resub., in oz. g. s. b., per oz. . . . .	.55	4.00 .35
Eikonogen Developing pow- ders, box of 6 . . . . .	<b>Iron</b> Oxalate, in lb. bottle, per lb. . . . . Perchlor. in lb. bottle, per lb. . . . . " (in carboys, \$1.50) . . . . . Protosulph. in lb. bottle, per lb. . . . . Protosulph. in box, per lb. . . . . Protosulph. C. P. in lb. bot- tle, per lb. . . . .	.25	.85 .25 .11 .18 .08 .60
Eikonogen and Hydrochi- none Developing Pow- ders, box of 6 . . . . .	<b>Iron and Ammonia</b> Sulp., in lb. bottle, per lb. . . . . In lb. box, per lb. . . . . In bulk, per lb. . . . . Citrate, in lb. bottle, per lb. . . . . " in oz. bottle, per oz. . . . . " Green Scales, per lb. . . . .	.25	.25 .15 .14 .70 .11 .95
Ferrous Oxalate 2 bottles, per package . . . . .		.50	
Hydrochinone for Dry Plates, per 8 oz. bottle 25c, 16 oz. bottle 45c, qt. bottle . . . . .		.80	
Hydrochinone Conc. for Dry Plates, per 2 oz. bottle . . . . .		.30	
Hydrochinone Developing Powders, box of 6 . . . . .		.25	
Metol-Hydro Developing " Powders, box of 6 . . . . .		.25	
Pryo Developing Powders, box of 6 . . . . .		.25	
Stanley Conc., 2 bottles per package . . . . .		.50	
<b>Enameline</b> Per bottle . . . . .		.62	
<b>Ether</b> Sulph. Conc., in lb. bottle, per lb. . . . . Sulph., Conc., in 3½ lb. bot- tle, per bottle . . . . .		.90	3.00
<b>Gold</b> Chloride, C. P. Liquid, per bottle . . . . .		.70	

## Photographic Chemicals—Continued

<b>Lead</b> Acetate in lb. bottle, per lb. \$ .39 Acetate in oz. bottle, per oz. .10 Nitrate, C. P. in lb. bottle, per lb. . . . . .60 Nitrate C. P. in oz. bottle, per oz. . . . . .09	<b>Potassium</b> Bichromate, C. P., in lb. bottle, per lb. . . . . \$ .44 Bichromate, C. P., in ¼ lb. bottle, per bottle . . . . . .18 Bichromate, Com'l, in lb. bottle, per lb. . . . . .25 Bromide, in lb. bottle, per lb. " in ½ lb. bottle, per bottle . . . . . .44 Bromide, in oz. bottle, per oz. .10 Carbonate, in 5 lb. bottle, per bottle . . . . . .90 Carbonate, in lb. bottle, per lb. . . . . .24 Carbonate, in ½ lb. bottle, per bottle . . . . . .18 Carbonate in ¼ lb. bottle, per bottle . . . . . .12 Cyanide, in lb. bottle, per lb. .60 " in ½ lb. bottle, per bottle . . . . . .35 Ferricyanide (Red): In lb. bottle, per lb. . . . . .75 In ½ lb. bottle, per bottle .40 In ¼ lb. " " . . . . . .25 In oz. bottle, per oz. . . . . .10 C. P., lb. bottle . . . . . 1.25 " ½ lb. bottle . . . . . .65 " ¼ " " . . . . . .35 " oz. bottle . . . . . .14 Ferrocyanide (Yellow): In lb. bottle, per lb. . . . . .39 In ½ lb. bottle, per bottle .24 In ¼ lb. " " . . . . . .16 In oz. bottle, per oz. . . . . .08 Iodide, in lb. bottle, per lb. 2.90 " in oz. bottle, per oz. . . . . .22
<b>Magnesium</b> Powder pure metal, in lb. can, per lb. . . . . .3.50 Powder pure metal, in ½ lb. can, per can . . . . . 1.80 Powder pure metal, in ¼ lb. can, per can . . . . . .95 Powder pure metal, in oz. can, per oz. . . . . .27	
<b>Mercury</b> Bichloride, in lb. bottle, per lb. . . . . .1.16 Bichloride, in oz. bottle, per oz. . . . . .15	
<b>Metol</b> In lb. bottle, per lb. . . . . 10.00 In ½ lb. bottle, per bottle . 5.25 In ¼ lb. " " . . . . . 2.75 In oz. bottle . . . . . .75	
<b>Monarch Gold</b> No. 1, per bottle . . . . . .50 " 2 " " . . . . . 1.00 " 3 " " . . . . . 2.00	
<b>Monarch Platinum</b> Solution No. 1, per bottle . . .50 " " 2 " " . . . . . 1.00	
<b>Oil</b> Castor, in bulk, per gallon . 2.00 Turpentine, in bulk, per gallon . . . . . .94	
<b>Platinite</b> E. A., per 15-gr. vial . . . . . .55 " " ¼ oz. " . . . . . 3.25 " " ½ oz. " . . . . . 6.00 " " oz. bottle . . . . . 11.50	
	<b>Potassium</b> Meta-bisulphite, in lb. bottle, per lb. . . . . .88 Meta-bisulphite, in ½ lb. bottle, per bottle . . . . . .48



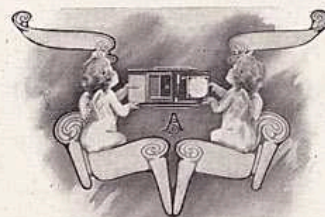
## Photographic Chemicals—Continued

<b>Potassium</b>	Bicarb., Cryst., in lb. box, per lb. . . . .	\$ .10
Meta-bisulphite, in oz. bottle, per oz. . . . .	Carb., Cryst., C. P., in bulk, per lb. . . . .	.06
Oxalate in lb. box, per lb. . . . .	Carb., Cryst., C. P. in 5 lb. bottle, per bottle . . . . .	.50
“ in 5 lb. box, per box . . . . .	Carb., Cryst., C. P. in lb. bottle, per lb. . . . .	.16
Permanganate, in oz. bottle, per oz. . . . .	Carb., Cryst., C. P. in lb. box, per lb. . . . .	.08
Sulphocyanide, in lb. bottle, per lb. . . . .	Carb., Cryst., C. P. in 5 lb. box, per lb. . . . .	.40
Sulphocyanide, in ½ lb. bottle, per bottle . . . . .	Citrate, in lb. bottle, per lb. . . . .	.84
Sulphocyanide, in ¼ lb. bottle, per bottle . . . . .	“ in oz. bottle, per oz. . . . .	.12
Sulphocyanide, in oz. bottle, per oz. . . . .	Hyposulphate, Cryst., in kegs of 100 lbs., per keg . . . . .	3.50
Sulphuret in lb. bottle, per lb. . . . .	Hyposulphate, Cryst., in lb. boxes . . . . .	.06
<b>Potassa</b>	Hyposulphate, Pea Cryst., per 112 lb. keg . . . . .	3.50
Caustic, White, in lb. bottle, per bottle . . . . .	Hyposulphate, Pea Crystals, in lb. boxes, per lb. . . . .	.06
Caustic, White, in ½ lb. bottle, per bottle . . . . .	Hyposulphite, Granular, in kegs of 100 lbs., per keg . . . . .	3.50
Caustic, White, in ¼ lb. bottle, per bottle . . . . .	Hyposulphite, Granular, in lb. boxes, per lb. . . . .	.06
Caustic, White, in oz. bottle, per oz. . . . .	Meta-Bisulphite, in lb. bottle per lb. . . . .	.95
<b>Soda</b>	Meta-Bisulphite, in oz. bottle per oz. . . . .	.11
Caustic, Sticks, in lb. bottle, per lb. . . . .	Phosphate, in lb. box, per lb. . . . .	.23
Caustic Sticks, in ½ lb. bottle, per bottle . . . . .	Sulphate, C. P., in lb. box, per lb. . . . .	.40
Caustic Sticks, in ¼ lb. bottle, per bottle . . . . .	Sulphate, Com'l lb. box, per lb. . . . .	.10
Caustic Sticks, in oz. bottle, per oz. . . . .	Sulphite, Crystal, E. A. In lb. bottle, per lb. . . . .	.16
Acetate, Cryst., in lb. box, per lb. . . . .	In ¼ lb. bottle, per bottle . . . . .	.10
Acetate, Cryst., in oz. bottle, per oz. . . . .	In 25 lb. can, per can . . . . .	1.67
Acetate, Fused, in lb. box, per lb. . . . .	In 10 lb. can, “ . . . . .	.74
Bicarb., Cryst., in 5 lb. box, per box . . . . .	In 5 lb. can, “ . . . . .	.40
	In 1 lb. can, “ . . . . .	.10

## Photographic Chemicals—Continued

<b>Sulphite, Granular:</b>	Iodide, in oz. bottle, per oz. \$ .30	
In 1 lb. bottle, per lb. . . . .	\$ .23	
In 5 lb. bottle, per bottle . . . . .	.84	
In 10 lb. can, per can . . . . .	1.40	
Sulphite Acid, in lb. bottle, per lb. . . . .	.40	
Tungstate, C. P., in oz. bottle, per oz. . . . .	.11	
<b>Sodium</b>	<b>Strontium</b>	
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	Muriate, in oz. bottle, per oz. . . . .	.10
	“ in lb. bottle, per lb. . . . .	.78
	<b>Tannin, in oz. bottle, per oz. . . . .</b>	.22
	<b>Uranium</b>	
	Nitrate, in oz. g. s. b., per oz. . . . .	.62
	<b>Venice Turpentine, per lb. . . . .</b>	.67

When S. P. C. is desired, please so specify: otherwise E. A. will be supplied.





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