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ANTHONY'S SEMI-MONTHLY
PHOTOGRAPHIC BULLETIN,

Which is admitted to be the
BEST PHOTOGRAPHIC HELPER
 THAT IS PUBLISHED.

Amateurs or Professionals who need any advice
 can obtain it through its *Correspondence Column*.
 We print a few of the scores of Testimonials recently
 received to show

What People Think of the Bulletin.

A very welcome visitor to the magicians of the
 dark chamber, professional and amateurs.

Very truly yours,
 OLIVER WENDELL HOLMES.

The BULLETIN comes regularly and is much
 prized. Its new form and dress is a marvel of
 beauty outside and on the inside it is radiant
 with diamonds of thought and light that cannot
 help but illumine the pathway of the studious
 photographer.

A. HESLER.

I think your journal the best I ever saw; it
 treats with great clearness all subjects.

E. C. WINANS.

The BULLETIN has already been worth more
 than a year's subscription to me. I do not want
 to be without it. Long live the BULLETIN! It
 serves as a beacon light to the photographer who
 is far away from the great leaders, and he can,
 through it, see his way clear.

Success to the men who have done so much for
 us, and the great leading spirits who give us so
 much for so little.

P. ERSLEY, Texas.

I wish you could know how much one amateur,
 at least, appreciates your kind and cordial offer to
 answer questions. Wishing the best of success
 and long life to the BULLETIN.

Yours sincerely,
 N. E. MAXSON.

The external and internal appearance of the
 BULLETIN are something to be proud of, and the
 new departure shows that, while it is too young to
 stop growing, it is old enough to be staid and sen-
 sible and interesting. It is a credit to you and
 Prof. Chandler, and to the fraternity at large, and
 I wish you all the success your enterprise deserves.

Very truly yours,
 J. H. KENT.

The BULLETIN is to my notion the best photo.
 magazine published in this country. I should
 not attempt to keep up to the time photographi-
 cally without it.

C. B. WAITE.

ANTHONY'S
Photographic
BULLETIN

EDITED BY
 PROF. S. F. CHANDLER, PH. D. LL. D.
 Prof. of Applied Chemistry in the School of Mines
 Columbia College, New York City.

E. & H. T. Anthony & Co.
 591 BROADWAY
 New York.

It cannot come too often, for it always brings
 some useful hint, some valuable information, or
 some word of good cheer to us poor photographers
 struggling against constantly increasing expenses
 and constantly decreasing profits.

Yours faithfully,
 E. K. HOUGH, New Orleans.

We are greatly pleased with the new BULLETIN,
 especially with the column devoted to questions
 and answers. We think it will be a source of ex-
 treme satisfaction for both amateurs and profes-
 sionals.

Yours truly,
 J. H. MCGOWAN.

The BULLETIN is the best periodical of its kind I
 have yet had the pleasure of reading, and it cannot
 but be a great help to all artists. I wish you abun-
 dant success.

Yours,
 W. PEMBERTON.

EVERY ISSUE ILLUSTRATED.

Subscription, \$3.00 per Annum.

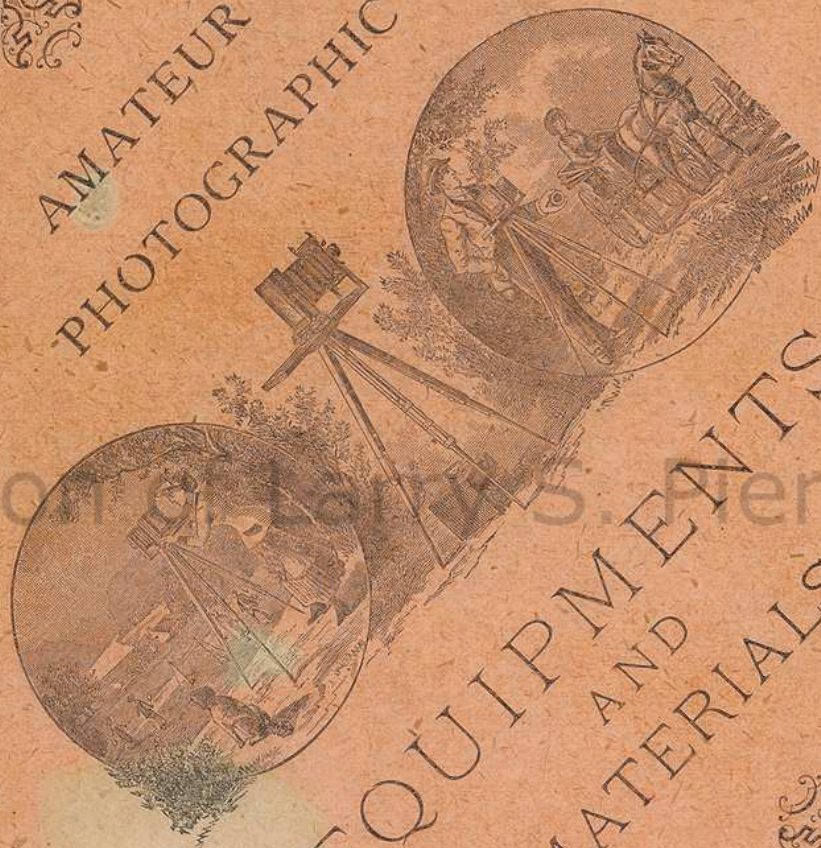
E. & H. T. ANTHONY & CO., Publishers.

ILLUSTRATED CATALOGUE

OF



AMATEUR
PHOTOGRAPHIC



EQUIPMENTS
AND
MATERIALS.



NEW YORK:

E. & H. T. ANTHONY & CO., 591 BROADWAY.

SEPTEMBER, 1886.

The prices given in this catalogue are liable to fluctuation. When any article is reduced, the buyer will get the benefit without reference to the printed list.

READ CAREFULLY THESE FEW FACTS.

Presumably the reader of the following pages knows something of the interesting art for which the articles enumerated in this catalogue are provided. If not, he can acquire a general idea of it from what follows, and we shall be pleased, on receipt of fifty cents, to mail to any address a book, in which all the details are given, entitled *How to Make Photographs; A Manual for Amateurs*, by T. C. Roche, recently published by our house. It has been penned and edited by eminent theoretical and practical photographers.

That work has been written with the view of stating in the most simple and concise language everything necessary for any one to know who may be disposed to engage in photography as an amateur. It will be found equally serviceable to those who desire to practice the art as an aid in their business or profession, and all its statements may be implicitly relied on for accuracy and practicability.

The introduction of the gelatino-bromide dry plate has so revolutionized photography that but little preliminary knowledge of it is now essential; in fact, it is astonishing what can be accomplished by totally inexperienced amateurs who may exercise a little taste and judgment.

It is scarcely to be supposed that success should always attend one's first efforts, but rapid progress can generally be made by old or young, lady or gentleman, who may manifest the slightest disposition to excel.

Unlike the old "wet" plate, the gelatino-bromide process has the advantage of admitting a much wider latitude of exposure—that is to say, the actual time which the sensitive plate may now be subjected to light, though still important, is far less so than by the old collodion process, and the subsequent operations are free from the former objections of complexity, uncertainty and stains. The apparatus and chemicals required are also few and inexpensive, and there is nothing which the veriest tyro in chemistry cannot readily master.

Another obvious improvement is recognized in the exceeding lightness and portability of the equipments, and their greater adaptability to the requirements of the public.

Unfortunately the increasing demand has led many persons to engage in the manufacture and sale of apparatus and materials that are quite

READ CAREFULLY THESE FEW FACTS.

inadequate for the attainment of satisfactory results. We therefore point with pride to the intrinsic excellence of every item in the following list—the outcome of *more than forty years'* diligent effort and experience in the preparation of photographic supplies.

In selecting an outfit from those described in the following pages there are two axioms it will be well to bear in mind. They are:

First.—The larger the camera, the greater the bulk and weight.

Second.—While a small picture can be made with a large camera, a large picture *cannot* be made with a small camera.

Remember, we do not make a single toy; all our cameras are practical working instruments such as are in constant use by professional photographers. All are fitted with our Patent Perfect Double Dry Plate Holders, which are by far the lightest, tightest and handiest holders made, and have done as much as any other one thing toward giving popularity to our equipments. The equipments from numbers 1 to 6 are fitted with fine single achromatic lenses, which (with the exception of the 4 x 5) are provided with changeable diaphragms, so that the time of exposure may be varied to suit the subject.

They are adapted for landscapes and out-of-door groups and in a good light require but a second's time (or even less) to make a picture. Amateurs who aim to excel, and with whom the cost is a secondary consideration, are invited to examine the more expensive double achromatic lenses described in the following pages.

Those made by DALLMEYER especially can be depended on as being *absolutely the best in market*. With these the very finest results are possible.

In buying do not forget that you are not going to make an experiment. Your success is assured if you follow the printed directions. Thousands have succeeded before you with only the ordinary amount of brains, and some with less than is allowed to mankind generally. So when you buy, buy as good an outfit as you can afford. With a cheap instrument you can do good work, but with the better grades you can do better work more easily. First decide what size you want, then *get the best you can afford of that size*.

With these few hints and explanations we take pleasure in opening to your view and for your consideration the pages of this little book, with the further assurance that everything therein mentioned is guaranteed to be exactly as described.

IMPORTANT.

In this list the prices of many Cameras, Lenses, Tripods, etc., are given separately, for those who desire to make up an equipment differing from those designated as Nos. 1 to 8 B.

When the price is given for camera, holder and case, it includes neither lens nor tripod. Our list has been prepared with great care, and we have endeavored to be explicit enough to enable any one to select such articles as will make a harmonious equipment. The sizes given are the largest that each camera will admit of, but smaller plates can be used in each by means of our inside kits, for each of which we give the outside dimensions, with size of plate that can be used in same.

As our equipments are sold at a less price than the several parts could be bought for separately and combined, we suggest the purchase of such *complete*, wherever possible, as a matter of economy. Where lenses different from those accompanying the equipments are required, the price for making up such special outfit can readily be reached, as prices are given for the different parts that can be supplied separately.

When prices for such parts are not given, it designates that such outfit is sold in one way only, viz.: *Complete*.

As will be seen, a complete outfit for making pictures measuring 4 x 5 inches can be purchased for \$19, as follows:

No. 1 Equipment, described on page 5, . . .	\$9 00
4 x 5 Developing Outfit, described on page 29, . . .	5 25
4 x 5 Printing Outfit, described on page 29, . . .	4 75

This will include everything necessary for making and developing one dozen negatives, and making and mounting two dozen prints from these negatives.

The cost of making subsequent pictures would be trifling, as the developing and printing outfits include trays, graduates, funnels, etc., that will last for years, and sufficient chemicals for making several dozen additional negatives and prints.

A corresponding outfit for making 5 x 8 pictures would cost \$22.50. as follows:

No. 2 Equipment, described on page 6, . . .	\$10 00
5 x 8 Developing Outfit, described on page 29, . . .	6 50
5 x 8 Printing Outfit, described on page 29, . . .	6 00

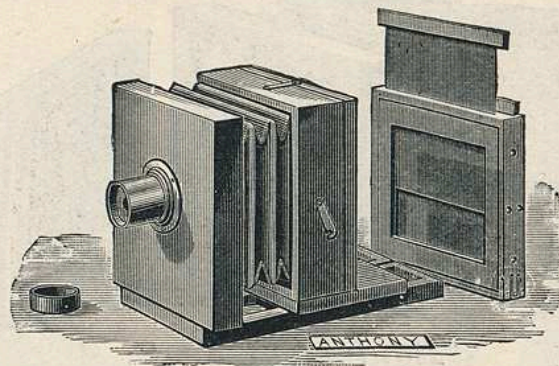
Developing and printing outfits adapted to equipments of other sizes will be found on page 29 in this catalogue.

Yours very truly,

E. & H. T. ANTHONY & CO.

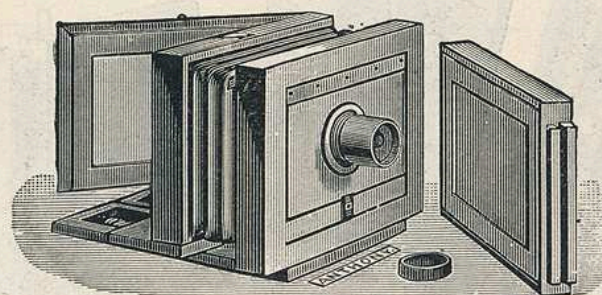
ANTHONY'S AMATEUR OUTFITS.

Description and Prices.



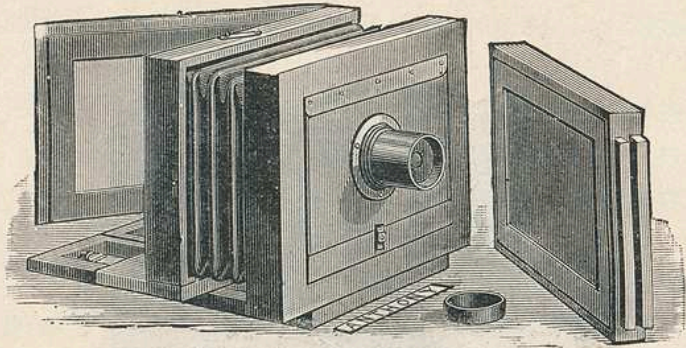
Equipment No. 1.

Mahogany camera, for making pictures vertically or horizontally measuring 4 x 5 inches, with one double dry plate-holder, fine single achromatic lens, improved tripod, and carrying case, \$9 00
 Extra double dry plate-holders, each, 2 00
 Total weight, 9¼ lbs.



Equipment No. 1½.

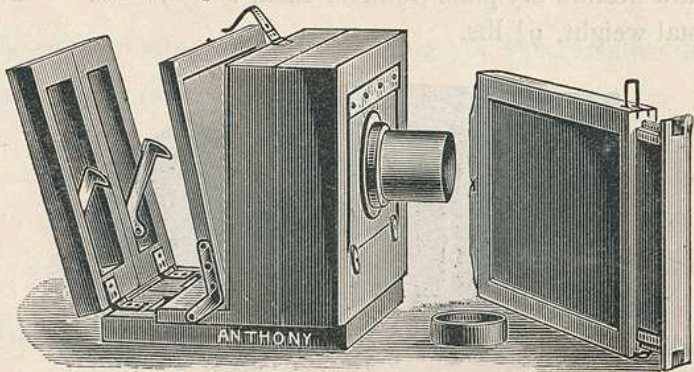
Mahogany camera, suitable for making pictures measuring 4¼ x 6½ inches, with removable front, one double dry plate-holder, fine single achromatic lens, improved tripod and carrying case, \$10 00
 Extra patent double dry plate-holders, each, 2 40
 Total weight, 11 lbs.



Equipment No. 2.

Mahogany camera, for making pictures measuring 5 x 8 inches, with removable front, one double dry plate-holder, fine single achromatic lens, improved tripod and carrying case.

Price, complete, \$10 00
 Extra patent double dry plate-holders, each, 2 40
 Total weight, 10½ lbs.



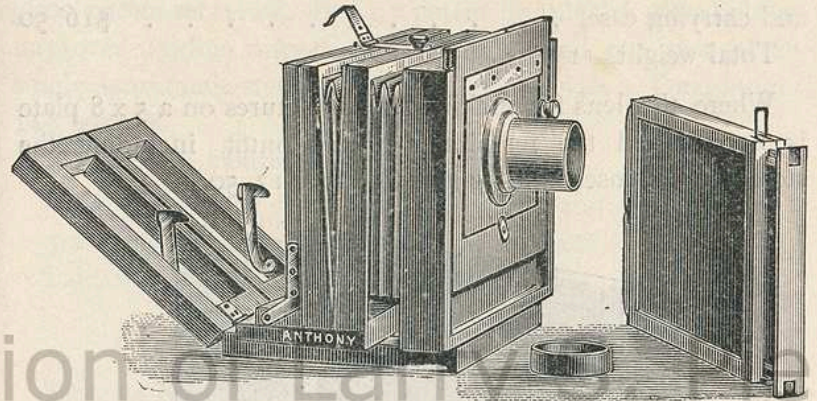
Equipment No. 2 A.

PATENTED.

Consisting of 5 x 8 handsomely-finished camera, with folding bed (fastening with our patent clamp hooks), removable front, E. A. single achromatic view lens, with diaphragm, patent perfect double dry-plate holder (smallest and lightest in market), and patent folding tripod (camera, holder lens and

tripod top in neat carrying case), tripod legs strapped together.

Price for above, complete, \$12 00
 Extra holders for above, each, 2 40
 Total weight, 11 lbs.

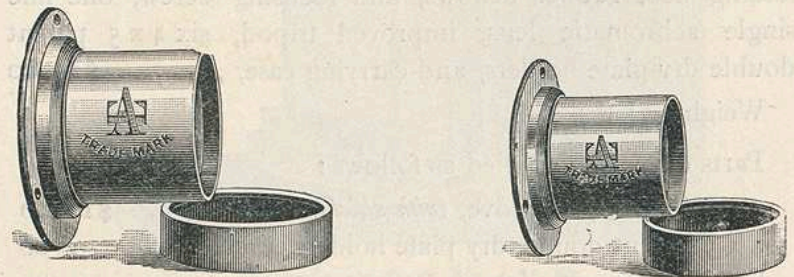


Equipment No. 2 B.

PATENTED.

Same as No. 2 A, with addition of swing back and rising front.

Price, complete, \$15 00
 " without lens, 11 00
 Extra holders, each, 2 40
 Total weight, 11¼ lbs.



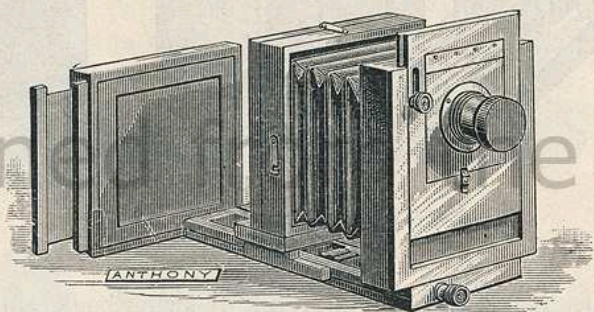
Equipment No. 3.

Equipment No. 3.

Mahogany camera, similar to No. 2, with lens for making 5 x 8 pictures, and a pair of fine achromatic lenses for making either stereoscopic views on a 5 x 8 plate, or two 4 x 5 views on a 5 x 8 plate. Price, including the three lenses, tripod and carrying case, \$16 50

Total weight, 11 $\frac{3}{4}$ lbs.

Where the lens for making single pictures on a 5 x 8 plate is not desired the remainder of the outfit, including the stereoscopic lenses, will be supplied for \$13 50.

**Equipment No. 4.**

A mahogany camera for making pictures vertically or horizontally measuring 4 x 5 inches, complete with rising front, folding bed, rubber bellows, and focusing screw, one fine single achromatic lens, improved tripod, six 4 x 5 patent double dry-plate holders, and carrying case, . . . \$25 00

Weight, 9 $\frac{1}{4}$ lbs.

Parts of No. 4 supplied as follows :

4 x 5 Camera, as above, <i>with shield</i> ,	\$10 00
4 x 5 Patent double dry plate holders, each,	2 00
Single achromatic lens,	3 75

Equipment No. 5.

A 5 x 8 N. P. A. Mahogany Stereoscopic Camera, with patent swing back, rising front, folding bed (latter fastening by means of our patent clamp hooks), rubber bellows, hinged ground-glass, patent set screw, six 5 x 8 patent double dry plate holders, improved folding tripod, carrying case, and one pair of fine single achromatic stereoscopic view lenses, \$30. Total weight, 14 $\frac{3}{4}$ pounds.

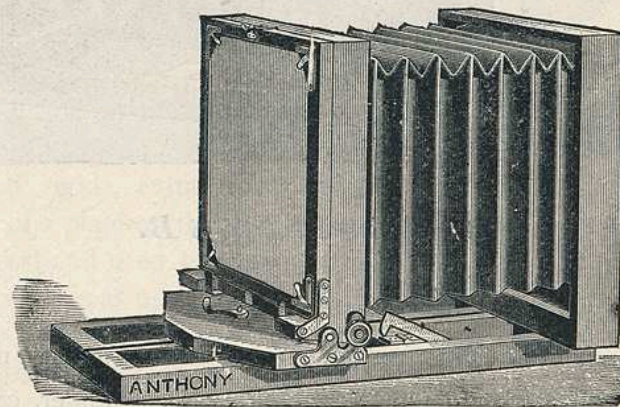
Parts of No. 5 outfit supplied as follows:

5 x 8 camera, as described, with shield and case,	\$9 00
5 x 8 patent double dry plate holders, each,	2 40
Pair of achromatic stereoscopic lenses,	7 50

Equipment No. 6.

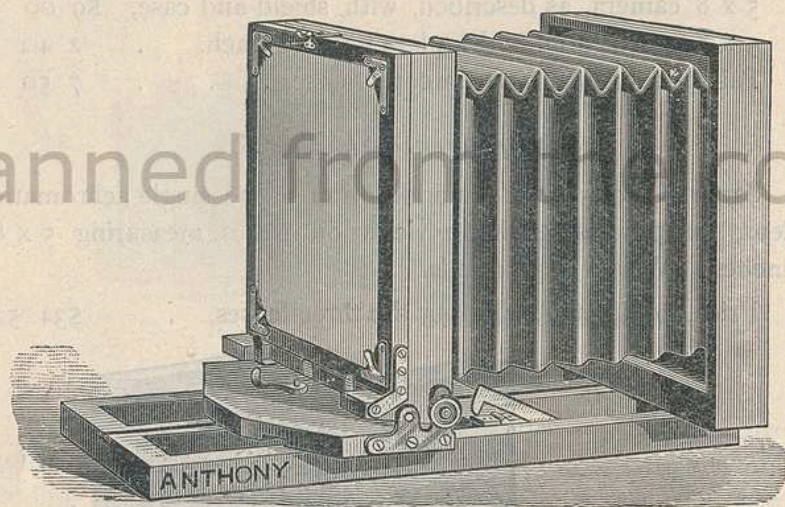
Same as No. 5, with the addition of a fine single achromatic lens, for producing single views on plates measuring 5 x 8 inches. Weight, 15 pounds.

Price, complete, including the three lenses, \$34 50

**Equipment No. 7 B.**

(For description, see next page.)

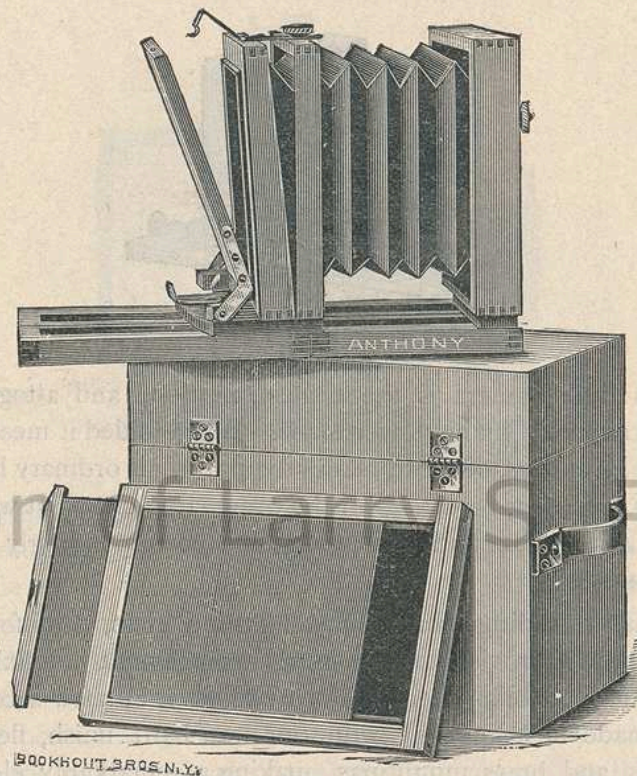
N. P. A. Mahogany Camera, with folding bed (latter fastening by means of our patent clamp hooks), rising front and patent swing back, for making pictures on a $6\frac{1}{2} \times 8\frac{1}{2}$ plate, including one double dry plate holder and carrying case, fine single achromatic lens, and patent telescopic folding tripod, \$21. Total weight, 14 pounds. Extra patent double holders, each \$4.



Equipment No. 8 B.

N. P. A. Mahogany Camera, same style as above, for making pictures on an 8×10 plate, including lens, holder, carrying case and patent telescopic folding tripod, \$27. Total weight, 15 pounds. Extra patent double dry plate holders, each \$5.

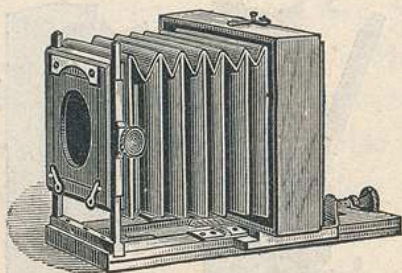
The N. P. A. Cameras.



A handsomely finished mahogany camera with patent swing back, rising front, folding bed, patent clamp hooks (to make the bed rigid), extra front and stereoscopic partition. By means of a plate on the side, these cameras can be reversed on the tripod and used to make vertical pictures. These are the same cameras as used in our 2 B, 7 B, and 8 B Equipments.

Prices, including camera as above, one Eclipse double dry plate holder and carrying case.

5 x 8	\$9 00
$6\frac{1}{2} \times 8\frac{1}{2}$	13 50
8 x 10	17 00

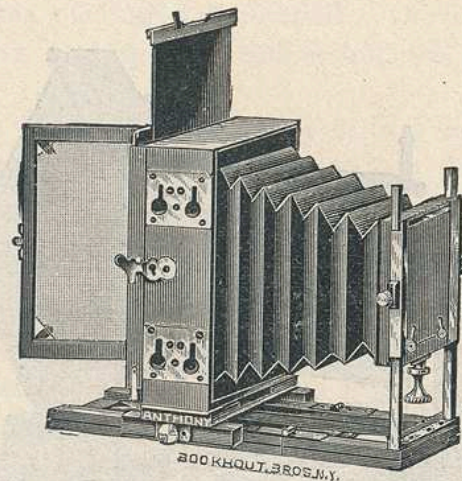
The Patent Bijou Camera.For $3\frac{1}{4}$ x $4\frac{1}{4}$ Plate.

This little camera is the neatest, nattiest, and altogether nicest camera of its kind ever made. When folded it measures $5 \times 5 \times 3\frac{1}{2}$ inches, and can readily be put in an ordinary hand-grip or may even be carried in the overcoat pocket. It weighs only $14\frac{1}{2}$ ounces, and the holders are correspondingly light and compact.

It has a sliding front, hinged ground glass, and folding bed, which is provided with a novel arrangement for fixing it in position, enabling the operator to adjust it in a few seconds. It is made of mahogany, with our new hard finish, flexible bellows and brass mountings, making a remarkably elegant little instrument.

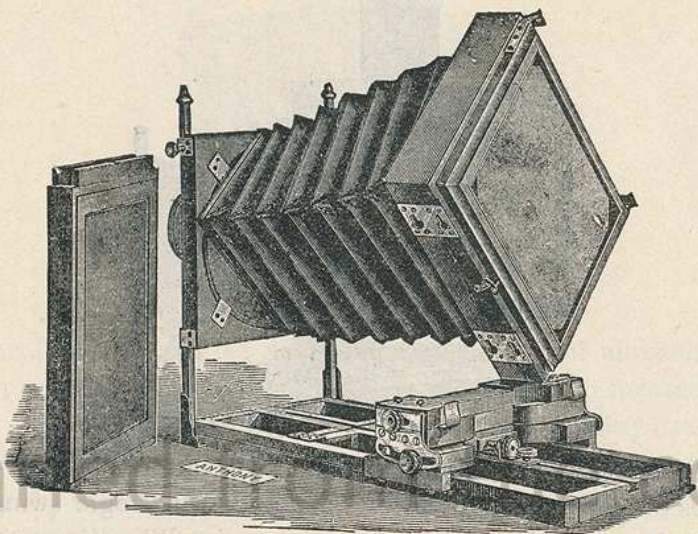
As the plate is the same size as those used with magic lanterns, slides may be made from them by contact printing in an ordinary printing frame. By using rapid printing paper in connection with our enlarging lantern, the pictures may be made as large as desired. For tourists, to whom weight and bulk are objections, this camera is of especial value.

Price of camera, with one double holder, . . . \$ 9 00
 Nickel plated and highly polished, with swing back, 12 00
 Price of patent improved double dry plate-holders,
 $3\frac{1}{4}$ x $4\frac{1}{4}$ each, 2 00

Anthony's Patent 4 x 5 Novelette Camera.

Resembles the original Novel Camera, but is made in two styles only, viz., without swing back and with single swing; it is made up in the same light style as the Bijou Camera, extremely light and very compact, having also the patent revolving bellows. The front of the camera rises and falls on brass rods, the bed folds up, being kept rigid when down by the sliding plate arrangement, as in the Bijou Camera. A screw at the side holds the back of the camera in place when the focus has been adjusted. This camera is constructed to carry the very light 4×5 "Detective" holders, and being made of polished mahogany, with brass mountings throughout, presents a decidedly elegant appearance altogether. It is the lightest 4×5 camera in the market.

Price of camera, without swing, with one 4×5
 double dry plate holder, \$12 50
 Price as above, with single swing, 15 50
 Extra holders, each 2 25
 Leather case, with sling, for camera, 6
 holders and tripod top, 3 00

Anthony's Patent Novelette View Cameras.

These are made in the best possible manner, and of first quality mahogany in good hard varnish finish. They have single and double swing backs, cone bellows and folding beds; are very light, compact and strong. Their peculiar construction admits of making the pictures either vertically or horizontally with equal ease, the change of position being effected very quickly.

The rear part of the camera is separated from the bed by merely pushing it from left to right, the key-hole slots releasing the heads of the screws.

The front end of the bellows being arranged so as to revolve in a light framework which runs on the two hollow upright brass rods, when the rear of the camera is separated from the bed, the entire bellows revolves at the same time

with the rear. When this is turned on its side and replaced on the screws the camera is reversed. The whole operation of reversing a 5 x 8 camera requires but two seconds by the watch.

They are made with as long a bellows as possible, the 5 x 8 being about four inches longer than those of the ordinary kind. The ground glass is hinged to the camera.

Several new features have been availed of in the construction of this camera, to wit: The bed may be instantly rendered rigid, *without the use of screws*, by means of a brace of patent hooks that hold the two sections of the bed with great firmness.

The rabbet commonly found on the plate holder is dispensed with, and instead it is placed on the camera, thus saving the otherwise additional weight rendered necessary for twelve such rabbets when made on the plate holders (two on each of the six usually carried), and the no inconsiderable item of three-fourths of an inch in bulk.

Compactness.—They occupy less space than any other view cameras of the same capacity except our Fairy Cameras, and the plate holders actually require little more than one-half the room of the lightest of any others in use. The plate holders are made of hard wood, with metal carriers for the plates, and fitted with all the later improvements.

When packed, the camera should always be put in a vertical position. They are put up in carrying cases without additional cost.

	PRICES.	Single Swing.	D'ble Sw.
4¼ x 6½, in carrying case, with one perfect double dry plate holder,	\$20 00	....
5 x 8, as above,	20 00		\$23 00
6½ x 8½, "	25 00		28 00
8 x 10, "	30 00		33 00

THE FAIRY CAMERAS.

It has long been our desire to place before the public a camera that would at once embrace these most necessary requirements—portability, compactness, and strength, combined with beauty and accuracy of working.

Hitherto, the nearest approach to this has been the "Novel" Camera, which for a time seemed to be everything that could be desired. But urgent calls for something still better were frequently made, and we therefore devised the Fairy Camera, by far the most attractive and elegant piece of apparatus of its kind ever offered. In presenting it we invite attention to the following advantages it possesses over all others.

Strength.—They are put together as rigidly as wood and metal will admit of, and are therefore perfectly rigid.

Compactness.—They occupy less space than any other view cameras of the same capacity, and the plate holders are made of hard wood, with metal carriers for the plates, and fitted with all the later improvements.

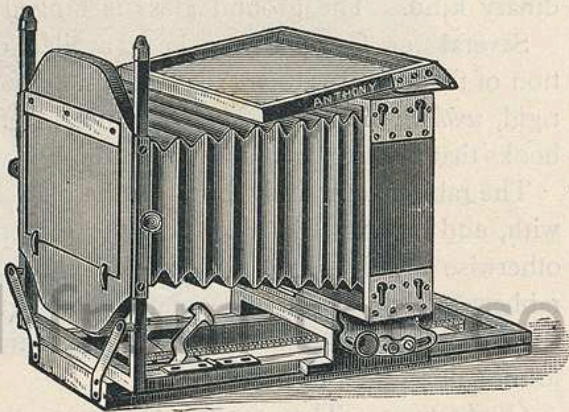
Portability.—The small compass to which they may be reduced renders them in this respect incomparably superior to any. They are packed in canvas-covered wooden cases—and each double plate holder has its own compartment. The cover of the case telescopes over its body.

Several new features have been availed of in the construction of this camera.

First.—The bed may be instantly rendered rigid, without the use of screws, by means of a brace of hooks that hold the two sections of the bed with great firmness.

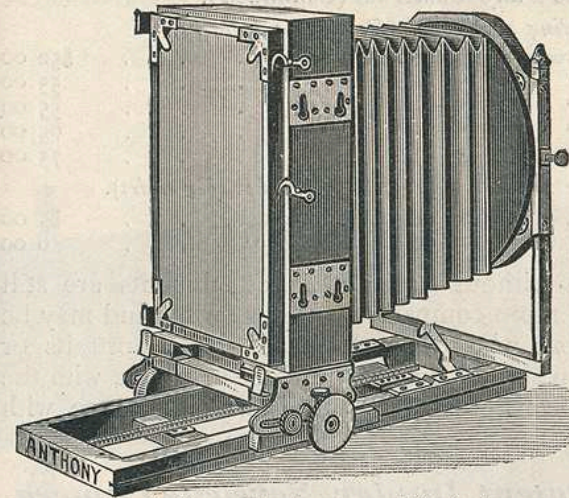
Second.—The rabbet commonly found on the plate holder is dispensed with, and instead it is placed on the camera, thus saving the otherwise additional weight rendered necessary for twelve such rabbets when made on the plate holders (two on each of the six usually carried), and the no inconsiderable item of three-quarters of an inch in bulk.

Third.—The camera is focused with a long, continuous metallic rack, cog wheel and pinion, the latter being firmly held in position by a binding screw.



With Stereo Attachments, used Horizontally.

The Fairy Cameras (Continued).

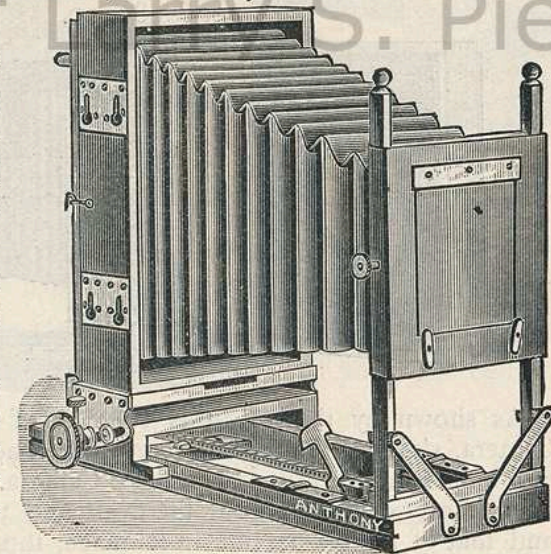


5 x 8, with Stereo Attachments, used Vertically.

The ground glass springs backward in its frame, like that in the regular Novel Camera, and is held tightly in position by metallic spring corners. When windy this is a decided advantage.

The Fairy Camera is made in finely polished mahogany, the metal work being nickel-plated, thus making it the most elegant and perfect camera known.

At present they may be had in four sizes, in sole leather carrying case with sling, as follows:



Without Stereo Attachments.

Including one Double Dry Plate Holder.

4½ x 6½, without stereo attachments,	\$40 00
5 x 8, " " " " " " " " " " " "	42 00
5 x 8, with " " " " " " " " " " " "	42 00
6½ x 8½, " " " " " " " " " " " "	45 00
8 x 10, " " " " " " " " " " " "	50 00

*The Fairy Cameras (Continued).**Including six Double Dry Plate Holders.*

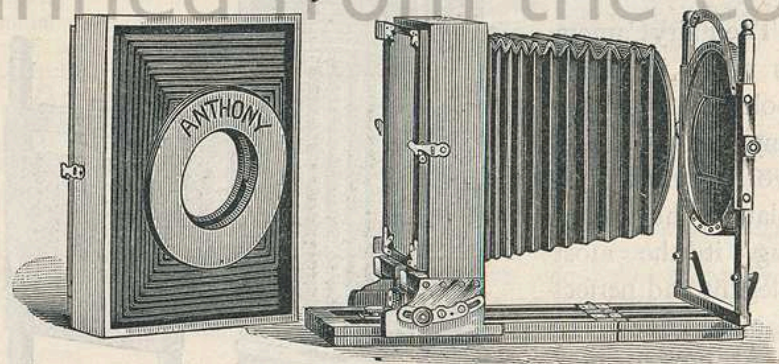
4½ x 6½, without stereo attachments,	. . . . .	\$52 00
5 x 8 " " " " " " " "	. . . . .	55 00
5 x 8 with " " " " " " " "	. . . . .	55 00
6½ x 8½ " " " " " " " "	. . . . .	65 00
8 x 10 " " " " " " " "	. . . . .	75 00

Fairy Plate Holders only (with polished rubber slides).

4½ x 6½, each,	. . . . . \$3 00	6½ x 8½, each,	. . . . . \$5 00
5 x 8, " " " " " " " "	. . . . . 3 00	8 x 10, " " " " " " " "	. . . . . 6 00

Naturally those without stereoscopic attachments are still lighter and a trifle more compact than those with, and may be preferred by persons who desire to make single portraits or views only. When six holders are purchased at once with the camera, the extra five holders are put in a leather case with sling, gratis.

Anthony's Patent Duplex Novelette Camera,
5 x 8—8 x 10.

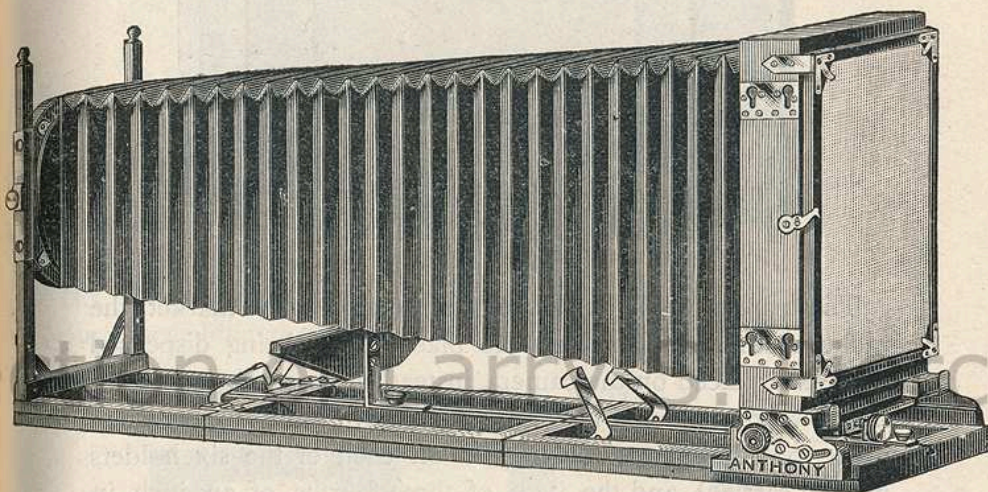


As shown by the cut, this consists of a 5 x 8 Novelette Camera, single swing, with stereo attachment, and the body and bellows of an 8 x 10 Novelette Camera. The bellows can be instantly detached from the front and the whole removed, and that of the 8 x 10 put in its place, thus converting it into an 8 x 10 camera.

Price, complete, with one each 5 x 8 and 8 x 10 Patent Double Dry Plate Holders and Carrying Case for each part, \$36 00.

Anthony's Patent Novelette Copying Camera.

8 x 10 Novelette Camera, with single spring, extra length, for copying, enlarging, etc.



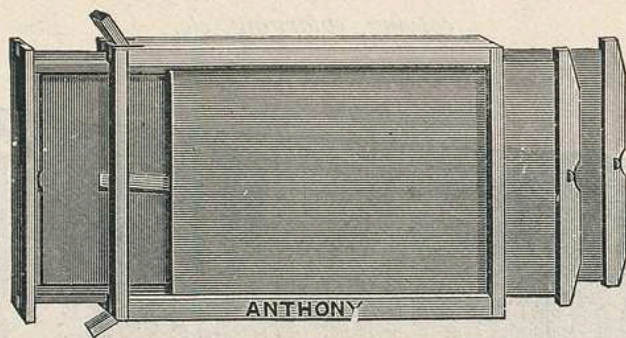
The bed is composed of three sections. By removing the rear section a regular 8 x 10 Novelette Camera is obtained. The extra section is held firmly in position by two dowel pins and our patent hook clamps, and can be removed in less than three seconds. A movable support is placed under the bellows to hold it in position and prevent sagging.

All is packed in an ordinary carrying case.

Length of focus,	. . . . .	32½ inches.
Total weight,	. . . . .	7 pounds.

Price, including one of our New Style Double Novelette Holders and Case, \$40.

**Anthony's Patent Eclipse and Novelette
Double Dry Plate Holders or Shields.**



These are the most compact plate holders in the market, the rabbet commonly found on the plate holder being dispensed with, and placed on the camera instead, thus saving the additional weight rendered necessary for twelve such rabbets when made on the plate holder (two on each of the six holders usually carried), and the item of three-fourths of an inch in bulk.

Their outside dimensions, exclusive of slide caps as given below, will be found to be smaller than any other double dry plate holders made.

The construction of our Patent Perfect Double Holders is such that several sizes can be used without the aid of inside kits, for instance, in a 5 x 8 holder, any plate measuring five inches one way and not over eight inches the other, can be used, 4 x 5, 5 x 7, etc. This is very convenient where experiments regarding time are desired, and narrow strips tried in place of using an entire plate, or different sizes of plates with inside dry plate kits.

Thin wooden frames can be supplied for holding still smaller sizes, if desired, so that the amateur can experiment with

smaller plates than the extreme limit of his holders, and at much less expense. (See Inside Dry Plate Kits). They are also much more readily managed in the ruby light than any other style.

OUTSIDE DIMENSIONS OF PLATE HOLDERS.	FOR PLATES.	PRICE.
$\frac{3}{4} \times 5\frac{1}{4} \times 7\frac{1}{2}$	$4\frac{1}{4} \times 6\frac{1}{4}$	each, \$2 40
$\frac{3}{4} \times 6 \times 9$	5×8	" 2 40
$\frac{3}{4} \times 7\frac{1}{2} \times 10$	$6\frac{1}{2} \times 8\frac{1}{2}$	" 4 00
$\frac{3}{4} \times 9 \times 11\frac{1}{2}$	8×10	" 5 00

The Novelette and Eclipse Holders are same dimensions and style, except that the former have pins in the edges by which they are held fast to the camera by hooks, whereas the outfits No. 1 to 8 B, with which the Eclipse Holders are used, have our patent hinged spring.

Inside Dry Plate Kits.



Thin wooden frames to hold small sized plates, fitting in larger shields, thus enabling the amateur who has a large camera to use small plates as well as large ones. See p. 14.

To fit shields.	Each.	To fit shields.	Each.
4 x 5— $3\frac{1}{4} \times 4\frac{1}{4}$, .	\$0 25	8 x 10— $4\frac{1}{4} \times 6\frac{1}{2}$, 5 x 7,	
5 x 8— $3\frac{1}{4} \times 4\frac{1}{4}$, 4 x 5,		5 x 8, $6\frac{1}{2} \times 8\frac{1}{2}$,	\$0 35
and $4\frac{1}{4} \times 5\frac{1}{2}$, . .	30	10 x 12—8 x 10, . .	55
$6\frac{1}{2} \times 8\frac{1}{2}$ —4 x 5, 5 x 8,		11 x 14—8 x 10, 10 x 12,	60
$4\frac{1}{4} \times 6\frac{1}{2}$, 5 x 7, .	30	14 x 17—11 x 14, . .	75



Anthony's Bicycle Equipment

Consists of a handsome mahogany camera, fine single achromatic lens, patent double dry plate holder, sole leather carrying case with shoulder strap and clamp for attaching camera to bicycle. Makes pictures $3\frac{1}{4} \times 4\frac{1}{4}$ inches. Weight of complete outfit, exactly 2 pounds.

Price complete, \$10. Extra double dry plate holders, each, . \$2 00
Telescopic "Y" shaped bicycle support, 1 50

Jointed Tripods.

No. 1, Anthony's Improved Folding Tripod, 6-in. circular top, \$2 25.

No. 2, Anthony's Improved Folding Tripod, 8-in. circular top, \$2 25.

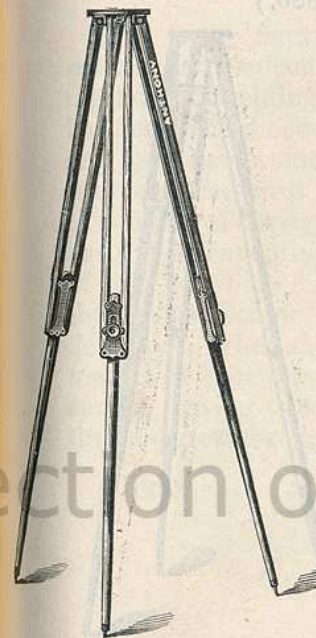
No. 3, Jointed Tripod, folding iron top, adapted for large cameras, \$4 50.

No. 4, Telescopic Legs, adapted to Stereoscopic and 8 x 10 sizes, \$3 50.

No. 5, Telescopic Legs, adapted to 11 x 14 size, \$3 75.

No. 6, Large Tripod, with unjointed legs and 12-inch top, sufficiently strong for the heaviest view cameras, \$6 00.

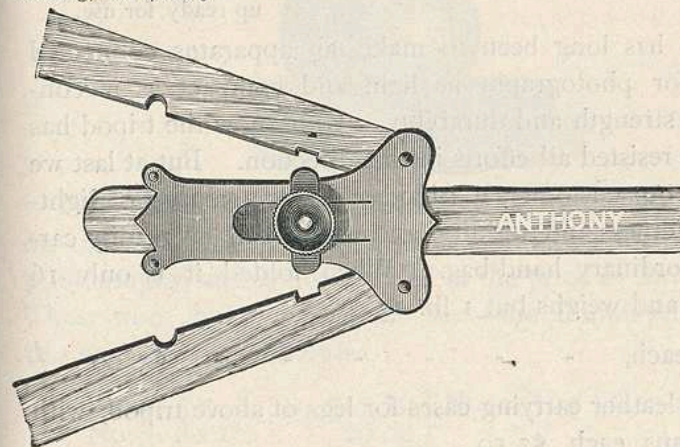
Nos. 1, 2, 4 and 5 have patent adjustment for preventing accidental displacement of legs from top.



Anthony's Patent Telescopic Folding, Nos 4 and 5.



Anthony's Improved, Nos. 1 and 2.



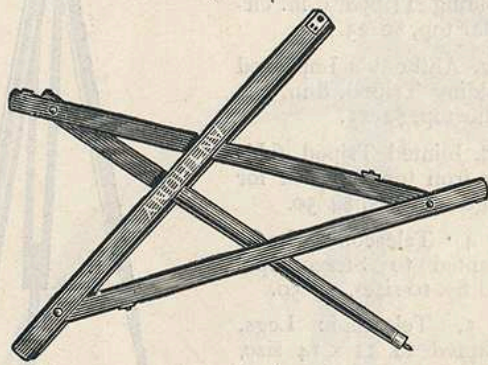
Showing Telescopic Folding Joint of Nos. 4 and 5.



Showing one Leg of Telescopic Folding Tripod folded.

The Fairy Tripod.

(PATENTED FEBRUARY 23, 1886.)



Showing one leg of Fairy Tripod partly folded.



Showing one leg of Fairy Tripod folded.



Showing Fairy Tripod set up ready for use.

Our aim has long been to make all apparatus connected with outdoor photography as light and compact as is consistent with strength and durability. Until now the tripod has successfully resisted all efforts in that direction. But at last we can offer to our customers a tripod which is a marvel of lightness, compactness and rigidity, and which can be readily carried in an ordinary hand-bag. When folded it is only 16 inches long and weighs but 1 lb. 15 oz.

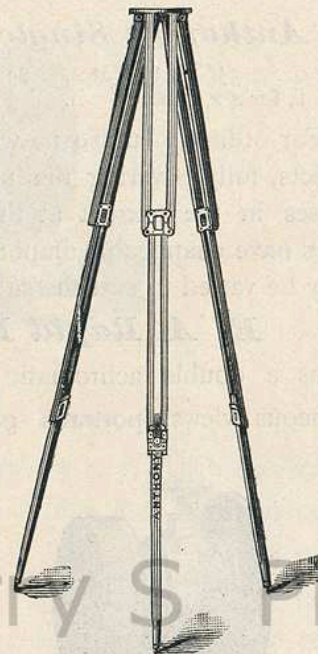
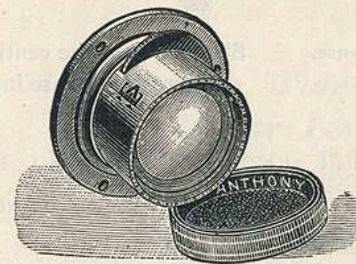
Price, each, - - - - - \$5 00

Fine sole leather carrying cases for legs of above tripod, with shoulder straps, each, \$2.50.

Anthony's Patent Triplex Tripod.

This is the finest finished in the market and perfectly rigid, combining both the folding and telescopic, besides which it occupies little space, and for transportation can be packed with clothing in a large grip-sack. It is made of cherry throughout, and has the patent springs on under side of top, by which it is impossible for the legs to become unfastened accidentally. When the leg is fully extended, it is held automatically by a spring, saving necessity of using thumb-screw for clamping same.

Price, . . . \$4 00

**E. A. Wide Angle Lens.**

This lens being of short focus and of wide angle, and made on the rectilinear principle, is a useful one for architectural photography, and is not equaled at the price by any in market. Those who cannot afford *the best*—the Dallmeyer—will find this an excellent substitute.

No. 2, 5 x 8, .	\$17 50	No. 4, 10 x 12,	\$25 00
No. 3, 8 x 10, .	20 00		

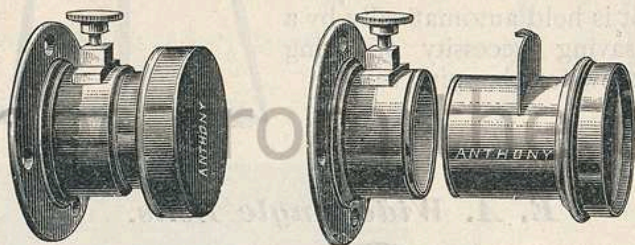
Anthony's Single Combination Lenses.

No. 0. f. $3\frac{1}{4}$ x $4\frac{1}{4}$ plates, \$3 50 | No. 2, for $6\frac{1}{2}$ x $8\frac{1}{2}$ plates, \$4 50
 No. 1, for 4 x 5 plates, . 3 75 | No. 3, for 8 x 10 plates, . 7 00

For ordinary landscape work these lenses give very brilliant effects, fully covering the plates specified. They are the best lenses in the market at the price. The $6\frac{1}{2}$ x $8\frac{1}{2}$ and 8 x 10 sizes have changeable diaphragms, so that the time of exposure may be varied to suit the subject.

E. A. Rapid Lens (Hemispherical)

Has a double achromatic combination for making instantaneous views, portraits groups, etc. The lens should be



Lens ready for use.

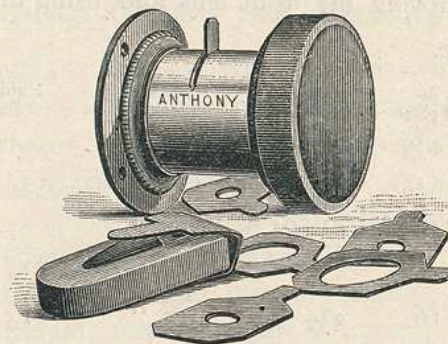
Showing how the central stops or diaphragms are inserted.

focussed with the full opening. Price, No. 1 Rapid Lens, for 4 x 5 pictures, \$15 00; No. 2, for 5 x 8 pictures, \$25 00
 No. 3, for 8 x 10 pictures, \$37 50

The No. 1 can also be supplied in smaller mounting for use with Bijou Camera at same price.

The Remarkable Platyscope Lens.

The Remarkable Platyscope Lens, with central stops, is unequalled, at the price, for all kinds of outdoor work, groups, etc.



The Platyscope Lens.

A.	equiv. focus,	$6\frac{3}{8}$ in.,	size of view,	5 x 7,	each,	\$22 00
B.	"	$8\frac{1}{2}$ "	"	6 x 8,	"	30 00
C.	"	$11\frac{1}{2}$ "	"	8 x 10,	"	35 00
D.	"	$12\frac{1}{2}$ "	"	10 x 12,	"	42 00
E.	"	$15\frac{1}{2}$ "	"	11 x 14,	"	50 00
F.	"	$19\frac{1}{2}$ "	"	14 x 17,	"	68 00
G.	"	24 "	"	17 x 20,	"	100 00



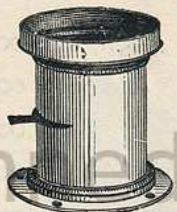
Dallmeyer's Wide-angle Rectilinear Lenses.*

Dallmeyer's Wide-angle Rectilinear Lens, with rotating diaphragms, for views of buildings, etc., in confined situations, where very little distance can be had. An excellent landscape lens of about twice the focal length of the double combination is

* The apertures of all stops or diaphragms supplied with Dallmeyer's lenses (portraits, views and landscapes) are so arranged that, counting from the *largest* to the next size *smaller*, the time of exposure is *doubled*. Stops marked X are exceptions to this rule, and require an exposure only *half as long* again as the *preceding larger* stop.

formed by removing the front lens, and using the back combination alone.

No.	Largest dimension of plate.	Dia. front combination.	Back focus.	Equivalent focus.	Price.
IAA	7¼ x 4½	7⁄8 in.	3½ in.	4 in.	\$37 00
IA	8½ x 6½	1¼ "	4⅝ "	5¼ "	45 00
1	12 x 10	1½ "	6¼ "	7 "	61 50
2	15 x 12	2 "	7½ "	8½ "	86 00
3	18 x 16	2½ "	11 "	13 "	115 00
4	22 x 20	3 "	14 "	15½ "	164 00



ANTHONY

Dallmeyer's Rapid Rectilinear Lens.

Dallmeyer's Rapid Rectilinear Lens with central stops, for views of dimly lighted interiors, instantaneous out-door effects, groups, landscapes, architectural scenes, etc., etc. For the tourist, this is a truly valuable lens.

Size of view or landscape.	Size of group or portrait.	Diameter of lenses.	Back focus.	Equiv. focus.	Price. rigid set.
4¼ x 3¼ in.	3¼ x 3¼ in.	5⁄8 in.	3⅝ in.	4 in.	\$31 00
5 x 4 "	4¼ x 3¼ "	1 "	5½ "	6 "	37 00
7¼ x 4½ "	5 x 4 "	1¼ "	7½ "	8¼ "	45 00
8½ x 6½ "	6 x 5 "	1½ "	10¼ "	11 "	57 50
10 x 8 "	8½ x 6½ "	1¾ "	12¼ "	13 "	74 00
12 x 10 "	10 x 8 "	2 "	15 "	16 "	90 00
15 x 12 "	12 x 10 "	2½ "	18 "	19½ "	123 00
18 x 16 "	15 x 12 "	3 "	23 "	24¾ "	164 00
22 x 20 "	18 x 16 "	3¾ "	28 "	30½ "	222 00
25 x 21 "	22 x 20 "	4 "	31 "	33½ "	262 00

4 x 5 furnished in matched pairs for stereo work.

Developing Outfits for Making Negatives.

These outfits contain everything necessary for developing one dozen negatives, including trays, graduates, funnels, etc., that will last for years, and sufficient chemicals for making several dozen additional negatives.

4 x 5 Developing Outfit.—Pocket ruby lantern; 1 dozen dry plates; 2 developing trays; oxalate potass.; pure sulphate of iron; hyposulphite of soda; bromide potass.; oxalic acid; sulphuric acid; alum; filtering paper; 2 funnels; 3 glass graduates; blue litmus paper; focusing cloth; scales and weights; bottle of negative varnish. Price, \$5.25.

4½ x 6¼	Developing Outfit, as above,	\$6 25
5 x 8	" " "	6 50
6½ x 8½	" " "	8 00
8 x 10	" " "	9 50

Printing Outfits.

These outfits include everything necessary for making and mounting two dozen prints from the negatives, and chemicals sufficient for several dozen more.

4 x 5 Printing Outfit.—2 dozen 4 x 5 sensitized albumen paper; blue litmus paper; chloride gold (A); bicarbonate of soda (B); acetate of soda (C); chloride of sodium (D); 1 pound hyposulphite soda; 1 printing-frame, 4 x 5; 1 4 x 5 japanned developing tray; half-ounce graduate; 1 5 x 7 porcelain tray (deep); 1 jar of paste; 1 one-inch paste brush; 1 glass pattern, 4 x 5; 1 Robinson straight trimmer; 24 sheets 6½ x 8½ cardboard. Price, \$4.75.

4¼ x 6½	Printing Outfit, as above,	\$5 75
5 x 8	" " "	6 00
6½ x 8½	" " "	6 75
8 x 10	" " "	7 75

Stanley Dry Plates.

These plates have met with remarkable favor among both amateur and professional photographers, and the demand is now much greater than could have been expected within the short time that has elapsed since their introduction.

Their rapid rise to popularity is a sufficient evidence of their superior qualities, for, with so many plates in the market, nothing but intrinsic excellence could have brought them so suddenly into their conceded position of the best plates made.

These plates need no demonstrator. They will work with any good developer.

Following are the prices:

3 $\frac{1}{4}$ x 4 $\frac{1}{4}$	45
4 x 5	65
4 $\frac{1}{4}$ x 5 $\frac{1}{2}$	75
4 $\frac{1}{4}$ x 6 $\frac{1}{2}$	90
4 $\frac{3}{4}$ x 6 $\frac{1}{2}$	1 00
5 x 7	1 10
5 x 8	1 25
6 $\frac{1}{2}$ x 8 $\frac{1}{2}$	1 65
8 x 10	2 40
10 x 12	3 80
11 x 14	5 00
14 x 17	9 00
16 x 20	12 50
17 x 20	13 00
18 x 22	15 50
20 x 24	18 50

Special sizes to order.

We can also supply at manufacturers' regular list prices, other brands of dry plates, such as the Eastman, Ripley, Carbutt, Cramer, etc.

The Tropical Dry Plates.

The Tropical plate is the most important discovery yet made in dry plate photography. It can be washed in water of any temperature without frilling or having the film affected in any way. By this means the hyposulphite of soda used in fixing is much more thoroughly and easily eliminated.

When fixed, the negative can be *dried over a spirit lamp* in a few minutes.

This removes the only remaining difficulties in dry plate photography, and makes them available in the hottest climates.

Until further notice the price of the Tropical plates, so long and favorably known to the trade, will be as follows:

3 $\frac{1}{4}$ x 4 $\frac{1}{4}$	45	8 x 10	40
4 x 5	65	10 x 12	80
4 $\frac{1}{4}$ x 5 $\frac{1}{2}$	75	11 x 14	5 00
4 $\frac{1}{4}$ x 6 $\frac{1}{2}$	90	14 x 17	9 00
4 $\frac{3}{4}$ x 6 $\frac{1}{2}$	1 00	16 x 20	12 50
5 x 7	1 10	17 x 20	13 00
5 x 8	1 25	18 x 22	15 50
6 $\frac{1}{2}$ x 8 $\frac{1}{2}$	1 65	20 x 24	18 50

Dry Plate Safety Box.

In outward appearance resembling an ordinary negative box, though not so deep; but within, instead of grooves, it has a close-fitting cover lined with black velvet, so as to guard the plates against any possible reflections. These of any size up to 8 x 10 may be removed from the original packages, that should always be opened in the dark room, and safely kept in this box until transferred to the plate-holder.

Prices, 4 x 5, \$1 00; 5 x 8, \$1 25; 6 $\frac{1}{2}$ x 8 $\frac{1}{2}$ or 8 x 10, \$1 50



PRICE LIST
OF
PHOTOGRAPHIC CHEMICALS

SOLD AND MANUFACTURED BY

E. & H. T. ANTHONY & CO.

[WARRANTED PURE AND OF FULL WEIGHT AND MEASUREMENT.]

c. b. 11 signifies corked bottle, 11 cts.; g. s. b. 18 signifies glass stoppered bottle, 18 cts.

Acid, Acetic No. 8, in 1 lb. bottle, per lb.	\$0 18
“ “ by the 5 lb., in 1 bottle, per bottle	75
“ Glacial, g. s. b., 1 oz., 15 cents; 4 oz., 28 cents; 8 oz., 40 cents; per lb.	60
Boracic, per oz.	05
Carbolic, crystal, g. s. b., per oz.	18
Citric, c. b., per oz., 12 cents; per lb.	80
Formic, g. s. b., per oz.	25
Gallic, c. b., per oz.	20
Hydrobromic, g. s. b. per oz.	20
Muriatic, C. P., g. s. b., per lb.	45
Nitric, com., g. s. b., per 7 lb. bottle	1 20
“ “ per lb.	30
“ C. P. “	45
“ “ per oz., 12 cents; per ½ lb.	30
Oxalic, c. b., per oz., 10 cents; per lb.	30
Pyrogallic, E. A., c. b., per oz.	40



The above cut is one quarter the size of our 1-ounce can of Sublimed E. A. Pyro.

Price List of Photographic Chemicals (Continued).

THE E. A. PYROGALLIC ACID
YOU CAN ALWAYS DEPEND UPON.

Recommended by

NEWTON, WARDLAW, COOPER and ROCHE, THE CRAMER DRY PLATE CO.
All of whom are known to every Photographer. THE CARBUTT DRY PLATE CO.
THE STANLEY DRY PLATE CO. THE ST. LOUIS DRY PLATE CO.

And Many Others.

See that it has the E. A. Trade Mark.

Put up in 1 ounce bottles.	Put up in 8 ounce cans.
“ “ 1 “ cans.	“ “ 16 “ “
“ “ 4 “ “	“ “ 5 pound “

ASK YOUR DEALER FOR IT.

Cooper's Concentrated Developer, which is found to work so well on all kinds of plates, is compounded with the E. A. Sublimed Pyro; also Anthony's Economical Developer.

Acid, Sulphuric, C. P., g. s. b., 1 oz., 12 cents; 4 oz. bottle, 20 cents; per lb. bottle	\$0 45
Salicylic, per oz.	25
Sulphurous, bottle included, per lb.	40
Tartaric, bottle included, per lb.	80
Albumen, dry, per oz.	15
Alcohol, Atwood's, 95 per cent. c. b., per pint	50
Quart, 87 cents; ½ gallon, \$1.68; gallon, \$3.00, no bottle.	
Alum, Powdered, per lb.	15
Chrome, per lb.	40
Ammonium, liq. conc., g. s. b., ½ lb. bottle, 25 cents; lb. bottle, 35 cents; 4 lb.	95
Iodide, Anthony's C. P., per oz.	45
“ French, per oz.	90
Bromide, Anthony's C. P., bottle included, per oz., 20 cents; per lb.	85
“ French, per oz.	20
Bichromate, c. b., bottle included, per lb.	3 00
Carbonate, c. b., bottle included, per lb.	60
Chloride, c. b., bottle included, 1 oz., 10 cents; 8 oz., 30 cents; per lb.	45
Hydrosulphate, c. b., bottle included, per 5 lb.	2 60
Nitrate, fused, c. b., per oz., 10 cents; 1 lb. bottle	50
Sulphocyanide, c. b., bottle included, per oz.	25
Barium, Nitrate, c. b., bottle included, per oz., 10 cents; per lb.	55
Carbonate, c. b., “ “ 15 “ “	1 50
Chloride, c. b., “ “ 10 “ “	55
Benzole, extra quality, c. b., bottle included, per pint	70
Borax, per lb.	25
Bromine, packed in tin, g. s. b., bottle included, per oz.	25
Cadmium, Bromide, c. b., bottle included, per oz.	25
Bromide, French, c. b., bottle included, per oz.	45
Iodide, c. b., bottle included, per oz.	50
“ French, c. b., bottle included, per oz.	75
Chloride, c. b., bottle included, per oz.	50

Price List of Photographic Chemicals (Continued).

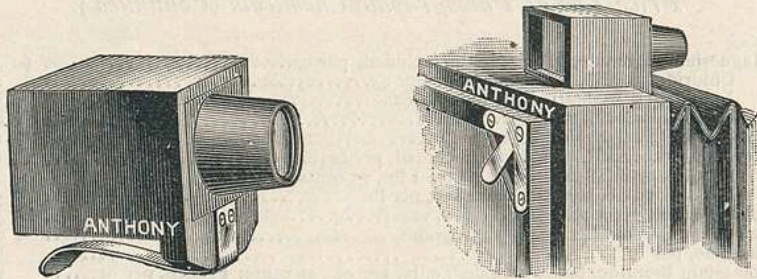
Calcium, Chloride, c. b., bottle included, per oz., 13 cents; per ½ lb. bottle.....	\$0 35
Iodide, g. s. b., bottle included, per oz.....	45
Bromide, g. s. b., bottle included, per oz.....	35
Chloroform, c. b., bottle included, 1 oz. bottle, 18 cents; per lb. bottle.....	1 50
Copper, sulph., C. P., c. b., bottle included, per lb.....	55
Acetate, c. b., bottle included, per oz.....	15
Chloride, c. b., bottle included, per oz.....	15
Developer, H. T. A., per package of ¼ lb., 8 cents; ½ lb.....	15
Cooper's Concentrated, for dry plates, per ½ lb. bottle.....	50
Anthony's Economical " " " ".....	40
Dermaline, to protect the hands, per bottle.....	25
Dextrine, bulk.....	12
Ether, sulph. conc., c. b., bottle included, per lb., 90 cents; 3 ½ lb.....	3 00
Enamelline, c. b., 6 oz.....	62
Glycerine, C. P., c. b., bottle included, oz. 15 cents; per lb.....	60
Gold, Chloride (liquid), 15 gr. bottles, per bottle.....	75
" and Sodium (dry) " " " ".....	45
Gum Arabic, Select, per lb.....	90
Asphaltum, per lb.....	20
Benzoin, per lb.....	75
Camphor, per lb.....	45
Damar, per lb.....	35
Mastic, per lb.....	2 25
Sandarac, per lb.....	50
Shellac, bleached, per lb.....	55
Tragacanth, per lb.....	1 20
White Pine Turpentine, per lb.....	20
Hydrokinone, per oz.....	1 50
Iodine, resub., g. s. b., per oz.....	38
Iridium, Potassic-chloride, per bottle of 15 grains.....	1 00
Iron, Sulphate, bulk, per lb.....	06
" pure c. b., bottle included, per lb.....	60
" and Ammonia, per lb.....	15
Iodide, g. s. b., per oz.....	40
Citrate and Ammonia, c. b., bottle included, per lb.....	85
Lactate, c. b., per oz.....	18
Perchloride, c. b., bottle included, per lb.....	1 00
Kaolin, bulk, per lb.....	10
Lead, Acetate C. P., c. b., bottle included, per oz., 12 cents; per lb.....	55
Chloride, c. b., bottle included, per oz.....	15
Nitrate, " " " ".....	12
Lime, Carbonate, bulk, per lb.....	15
Chloride, c. b., in boxes, per lb.....	20
Lithium, Iodide, g. s. b., bottle included, per oz.....	1 00
Bromide, g. s. b., bottle included, per oz.....	40
Litmus Paper, blue and red, sheet 5 cents; per doz.....	50
Magnesia, Nitrate, c. b., bottle included, 1 oz., 15 cents; per lb.....	1 10

Price List of Photographic Chemicals (Continued).

Magnesium, Bromide, g. s. b., bottle included, per oz.....	\$0 40
Chloride, g. s. b., bottle included, per oz.....	15
Iodide, g. s. b., bottle included, per oz.....	55
Calcined (oxide), per lb.....	1 00
Manganese (black oxide), bulk per lb.....	10
Mercury, Bichloride, c. b., bottle included, per oz.....	12
4 oz., 25 cents; 8 ounces, 45 cents; 1 lb., 75 cents.	
Naphtha (wood), c. b., bottle included, per lb.....	50
Oil Lavender, per 2 oz. bottle.....	30
Palladium, Sodio-chloride, c. b., 15 grains.....	1 00
Paraffine, per lb.....	35
Potassium Bromide, bottle included, c. b., per oz., 10 cents; French, per oz.....	25
Bicarbonate, bottle included, per lb.....	50
Bichromate, C. P., c. b., bottle included, per lb.....	90
" com., in paper per lb.....	27
Carbonate, per lb.....	28
Chlorate, bottle included, per lb.....	40
Chloride, " " " ".....	65
Cyanide, c. b., " ¼ lb. bottle, 25 cents; ½ lb. bottle, 35 cents; per lb.....	65
Ferrocyanide (Yellow Prussiate), bottle included, per lb.....	70
Ferricyanide (Red Prussiate), bottle included, per lb.....	1 25
Iodide, c. b., bottle included, per oz., 30 cents; French, per oz.....	60
Nitrate, c. b., bottle included, per lb.....	35
Permanganate, c. b., bottle included, per oz.....	15
Sulphuret, c. b., bottle included, ¼ lb., 15 cents;	
½ lb., 20 cents; per lb.....	35
Oxalate, per lb.....	35
Sal Rochelle, bulk, per lb.....	60
Silicon, per box.....	25
Silver, Nitrate, variable (about 85 cents per oz.)	
Soap, Silicate, per cake.....	15
Castile, White, per lb.....	40
Sodium, Acetate, c. b., bottle included, 1 oz., 12 cents;	
4 oz., 20 cents; 8 oz., 35 cents; per lb.....	50
Bicarbonate, per lb.....	12
Bromide, c. b., bottle included, per oz.....	12
Carbonate (crystal), per box, per lb.....	10
Chloride, c. b., per oz.....	10
Citrate, c. b., bottle included, 1 oz. bottle, 15 cts.;	
3 oz. bottle, 35 cents; per lb.....	1 00
Hyposulphite, 1 lb. box, per lb., 8 cents; 1 lb.	
bottle, per lb., 16 cents; kegs of 112 lbs., per lb.....	04
Iodide, c. b., bottle included, per oz.....	35
Nitrate, c. b., bottle included, per lb.....	35
Soda, Phosphate, c. b., bottle included, per lb.....	35
Sulphate, C. P., bottle included, per lb.....	55
Sulphite, granular, c. b., bottle included, ½ lb.	
30 cents; per lb.....	54
Sulphite, crystal, E. A., bottle included, ½ lb.,	
18 cents; per lb.....	30
Tungstate, c. b., bottle included, per oz.....	20
Strontium, Chloride, c. b., bottle included, per oz.....	10
Tannin, bottle included, per oz.....	30
Uranium, Nitrate, g. s. b., bottle included, per oz.....	90
Chloride, bottle included, per oz.....	90
Sulphate, c. b., bottle included, per oz.....	90
Wax, White, per lb.....	1 20
Zinc, Bromide, g. s. b., bottle included, per oz.....	25
Iodide, g. s. b., bottle included, per oz.....	60



Anthony's Universal Finder.



Showing method of fastening Finder to Camera. Showing Finder on Camera.

This is a neat, compact article, that can instantly be attached to any camera. It corresponds in shape to the ordinary negative. The ground side of the glass can be marked at will to denote position desired when taking instantaneous views.

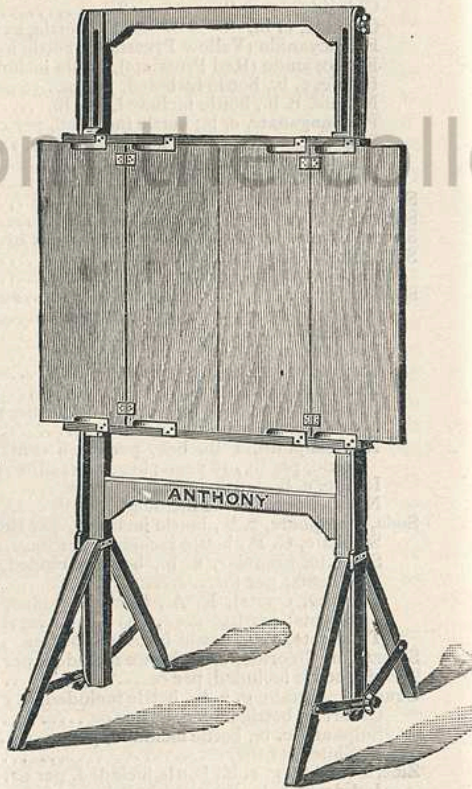
Price, \$1 50

Anthony's Universal Easel.

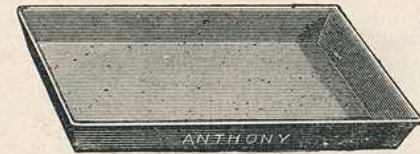
For making enlargements, holding pictures for copying, either opaque or transparent. Will take from smallest size up to 25 x 30.

The board can be removed and folded into small space and the entire easel can be unbolted and rolled into a small bundle in a few minutes. It can be inclined forward or backward, and meets every want for an article of its kind.

Price, \$7 50



Japanned Iron Developing Trays.



For 4 x 5 plates, .	\$0 20	For 11 x 14 plates, .	\$0 75
" 5 x 8 " .	25	" 14 x 17 " .	1 00
" 6 1/2 x 8 1/2 " .	30	" 18 x 22 " .	2 00
" 8 x 10 " .	40	" 20 x 24 " .	2 50
" 10 x 12 " .	50		

Anthony's Developing Bottle.

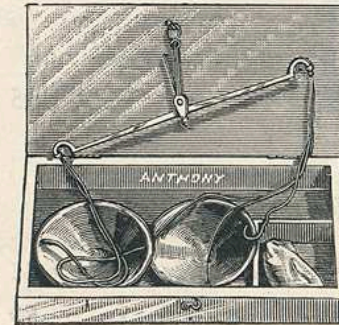
This developing bottle is a great convenience to the amateur or professional photographer, and will soon save its cost in the quantity of developer economized.



Quarts, . \$0 75 | 1/2 gal., . \$1 00 | 1 gal., . \$1 25

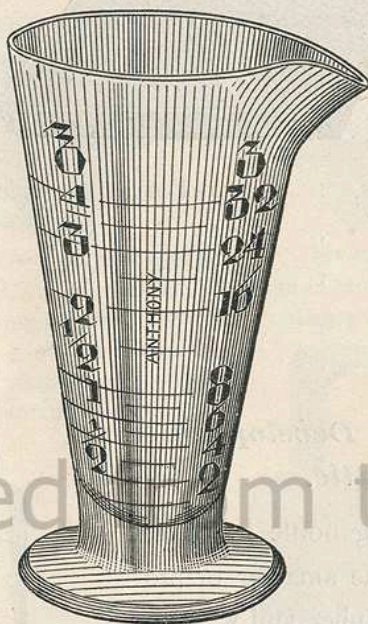
Scales and Weights.

These are made for weighing small quantities only—grains, scruples, and drams. With French weights they are equally useful for weighing grams, etc. Price, in wooden box, with a set of apothecaries' weights, 90 cts.



Anthony's Superior Graduates.

Prices: Minim, 30 cts.; ounce, 25 cts.; 2 ozs., 30 cts.; 3 ozs., 36 cts.; 4 ozs., 42 cts.;



6 ozs., 48 cts.; 8 ozs., 54 cts.; 12 ozs., 72 cts.; 16 ozs., 90 cts.; 24 ozs., \$1 20.

Ordinary Glass Graduates.

Minim, each, . . . \$0 25	4 ounces, each, . . . \$0 35
1 ounce, " . . . 20	8 " " . . . 60

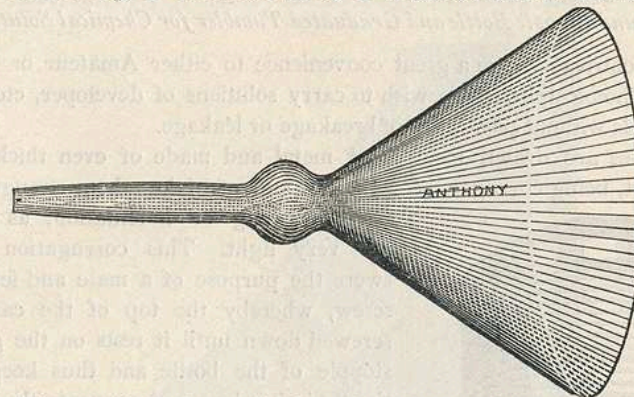
Ordinary Glass Funnels.

1/4 Pint, each, . . . \$0 10	Pint, each, . . . \$0 15
1/2 " " . . . 12	

Agate Ware Funnels.

1/4 Pint, each, . . . \$0 20	Pint, each, . . . \$0 35
1/2 " " . . . 25	Quart, " . . . 50

Anthony's Combined Funnel and Filter.



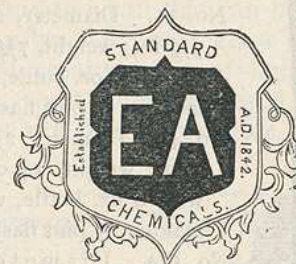
In this combination of funnel and filter the bulb retains the filtering cotton in such a manner as to obviate the difficulty experienced in the ordinary funnel from the cotton being compressed too tightly. A glance at the cut will readily explain its advantages.

Pints, each, . 50c. | Quarts, . 62c. | Half Gallon, \$1 00

Cooper's Concentrated Developer.

This Developer never becomes muddy and can be used repeatedly with fine effect. It is sold ready mixed and only needs to be diluted with water.

Be sure that the label bears the trade mark



None other is genuine.

Fifty 8 x 10 plates can be developed with one bottle of developer.

Price, per bottle, 50c.

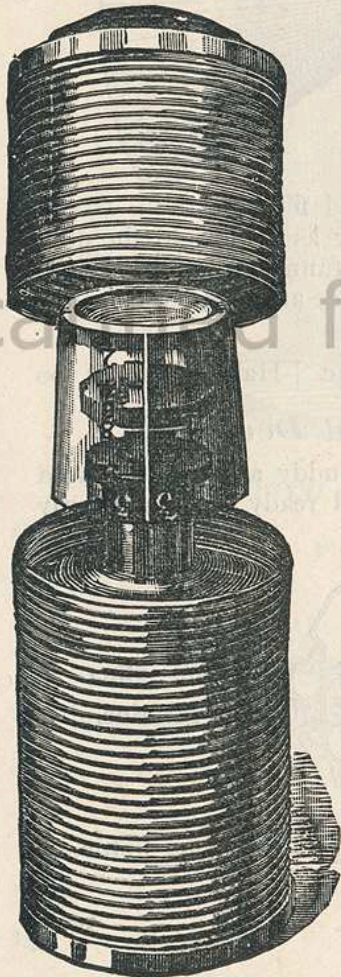
Patent Metallic Protecting Cases.

With Ground Stopples and Graduated Tumblers for Chemical Solutions.

These contrivances are a great convenience to either Amateur or Professional Photographers who wish to carry solutions of developer, etc., in their travels without possibility of breakage or leakage.

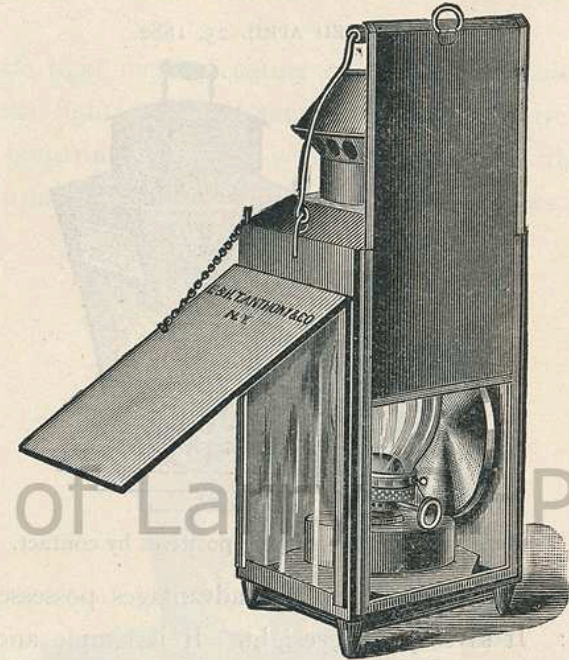
The cases are drawn from solid metal and made of even thickness throughout, being corrugated for the purpose of giving them strength to resist crushing or indentation, as they are very light. This corrugation answers the purpose of a male and female screw, whereby the top of the case is screwed down until it rests on the glass stopple of the bottle and thus keeps it tightly in its place and prevents the bottle from rattling about in the case. The cut shows the case as it appears when open, indicating the style and position of the graduated tumbler which is furnished with the three last sizes.

They are nickel finished and are very attractive in appearance.



- No. 1. Diameter, 1 3/8 in.; length, 3 1/2 in.; weight, 4 1/2 oz., furnished with 1 oz. bottle, each \$0 50
- No. 3A. Diameter, 2 in.; length, 5 1/2 in.; weight, 7 3/4 oz., furnished with 4 oz. bottle, with tumbler, making 1/4 pint flask, each 85
- No. 4A. Diameter, 2 1/2 in.; length, 7 in.; weight, 14 oz., furnished with 8 oz. bottle, with tumbler, making 1/2 pint flask, each 1 10
- No. 13A. Diameter, 2 7/8 in.; length, 6 in.; weight, 17 oz., furnished with 8 oz. bottle, with tumbler, making 1/2 pint flask, each 1 20

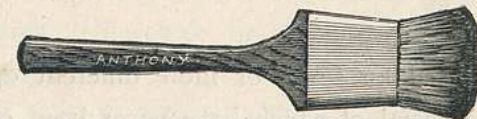
Anthony's Helios Dark Room Lantern



This is a new lantern for the dark room for those who desire more light than can be had from the ruby lamp. This lantern or lamp will be found to be all that can be desired. The draught is as perfect as can be. It has a glass 6 1/2 x 8 1/4 inches, with a burner capable of great volume of light when desired. It is intended to fill a want long expressed by many, for a good dark-room lantern at a reasonable price.

Price, \$4 00.

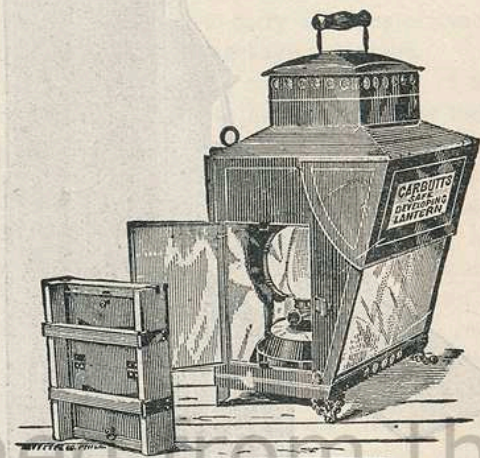
Camel's-Hair Blender.



- | | | | |
|-----------------------|--------|------------------------|--------|
| 1 inch English, each, | \$0 20 | 2 inch, English, each, | \$0 30 |
| 1 1/2 " " " " | 25 | 2 1/2 " " " " | 40 |

Carbutt's Multum in Parvo Lantern.

PATENTED APRIL 25, 1882.

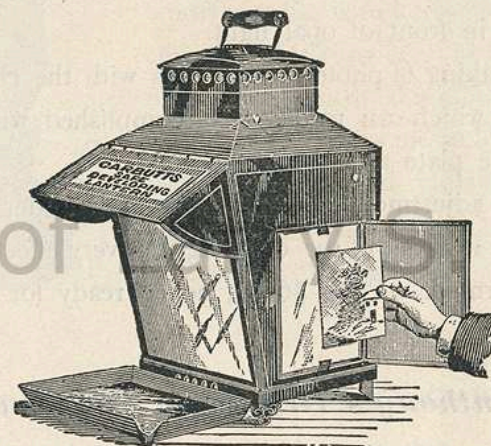


Lantern arranged for making positives by contact.

The following are some of the advantages possessed by this Lantern: It saves your eyesight. It is simple and easy to manage, nothing complicated, yet has three separate and distinct forms of light. It is adapted for the use of either oil or gas; is about nine inches square by fourteen high, with eight by ten deep ruby glass in front. Each lantern is provided with a coal-oil lamp, with improved patent burner and silvered reflector, which may be revolved in any direction and operated from the outside. By removing the revolving lamp bed, a hole will be found through which a gas burner can be introduced.

It can be used for seven or more different operations in photography, several of which have never been combined in any one lantern, to wit:

1. A safe light for the preparation of gelatino-bromide emulsion.
2. A safe light for the coating of gelatino-bromide plates.
3. A safe light for developing the most sensitive plates, while for preparing developer or doing other work the room can be instantly flooded with white light and as quickly



Lantern arranged for developing, and after fixing, examining negatives by opal light.

changed to the red, giving abundance of light by which to develop the largest sized plates used. The adjustable hood effectually shields the eyes from the glare of the red light, a matter of the greatest importance to those having a large number of negatives to develop, or other work to perform necessitating red light.

4. An opal light by which to examine negatives or positives after fixing, enabling the operator to judge of their qual-

ity, thereby avoiding the necessity of leaving the dark room in search of white light.

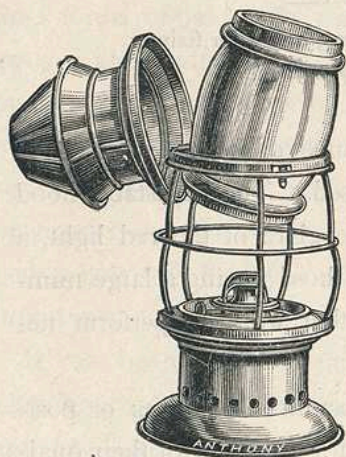
5. A clear transparent light for making positives on glass (gelatino-bromide). This feature is a valuable one; any photographer can materially add to his revenue by making these most beautiful products.

6. The making of enlarged negatives from gelatine positives, placed in front of opal light.

7. The making of photo-micrographs with the clear, transparent light, which can readily be accomplished with the gelatino-bromide plate and the microscope.

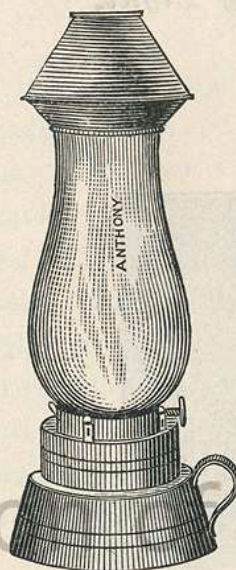
8. By the adjustment of condensers and holder for slides and objective in front of the clear light, a very effective magic lantern is formed. Price \$6 00, boxed ready for shipment.

Anthony's Dry Plate Lantern



Has separable parts, and all are easily and quickly adjusted. There are no hinges to become dislocated nor armholes to break. It is easily lighted and extinguished; it requires but little care to keep clean; it can never get out of order; it takes but little oil and it affords a good light. Price, \$1 50.

Oil Lamp with Ruby Chimney.



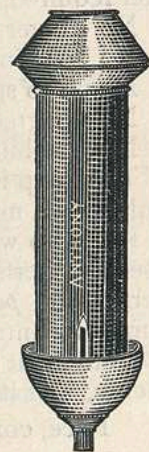
The above illustration represents the new oil lamp for use in developing gelatino-bromide plates. It is expressly made for the purpose, and is intended for use with kerosene oil. The chimney is of ruby-colored glass of the proper and most desirable tint, and surmounted with a movable top to intercept the upward radiation of the light of the lamp.

Price, \$1 50 each.

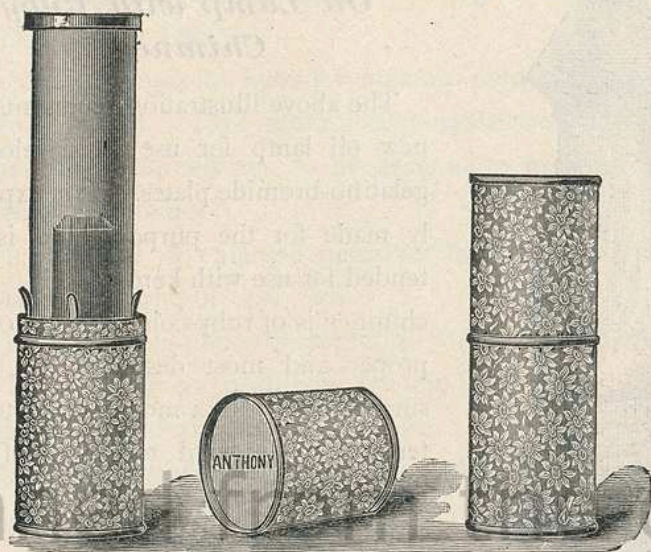
Gas Burner with Ruby Chimney.

By the annexed wood-cut it will be seen that the patent argand burner has been so modified as to intercept the downward radiation of the light of the lamp; protection above is provided in the same manner as with the oil lamp. The chimneys of both gas and oil lamps, it should be particularly remembered, are not made of the ordinary ruby glass, but what is known in the trade as copper-flashed.

Price of the ruby gas burner and chimney, \$2 50.



The Tisdell Candle Ruby Light.



The accompanying cut represents the Tisdell Candle Ruby Light for developing the most sensitive Gelatine Dry Plates. Even the Stanley Dry Plates may be developed with perfect safety by its light. One-half of a common sperm candle is the fuel required, consequently there is

No danger of an explosion.

No breaking of ruby chimney from over-heating.

No oil to spill while traveling.

No disagreeable smell while at work in the dark room, and

No possibility of smoke.

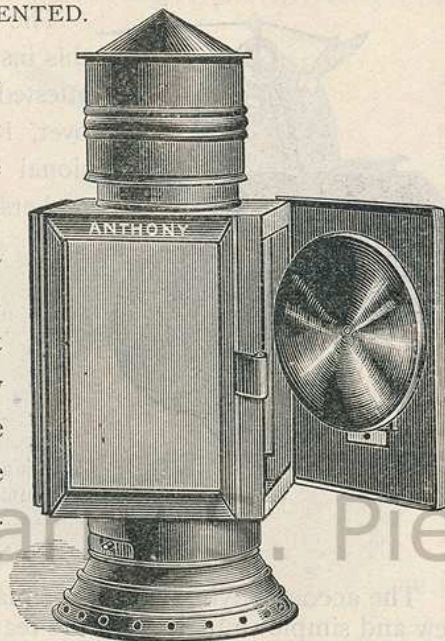
The lamp is always ready for use and nothing to get out of order. Its manipulation is extremely simple. A single glance at the lamp while open is sufficient to explain the method of its use to a perfect stranger. It is without exception the most perfect and *petite* construction in the shape of a ruby developing lamp ever introduced in the photographic market. Its outside measurement when packed for transportation is only $6\frac{3}{4}$ x $2\frac{1}{2}$ inches, and its weight only twelve ounces.

Price, complete.....\$1 35

Anthony's Climax Dark Room Lantern.

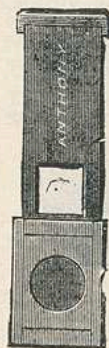
PATENTED.

It has three large illuminating surfaces and reflector. The glass is of the correct non-actinic hue, and outside of it are extra sashes, in which additional lights of any desired tint may be slid. It is perfectly safe, and by all odds the most comfortable kerosene lantern to work by yet seen. The price is \$2 00.

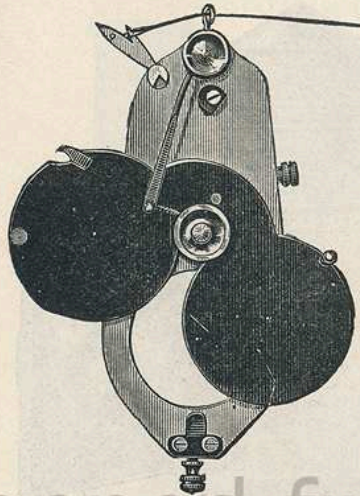


Anthony's Instantaneous Drop

Consists of two thin pieces of wood, each having a hole cut into it of the same size, and so arranged that when one piece is placed upon the end of the tube (which fits into the circular opening), the other piece can be made to slide up and down directly against it. Prices for 4 x 5, \$1 25; 5 x 8 and $6\frac{1}{2}$ x $8\frac{1}{2}$, \$1 50. Larger sizes to order.



Prosch's "Eclipse" Shutter.



The well-merited popularity of this instantaneous view shutter is attested by its use, the country over, by the best expert professional and amateur photographers.

SIZES AND PRICES.

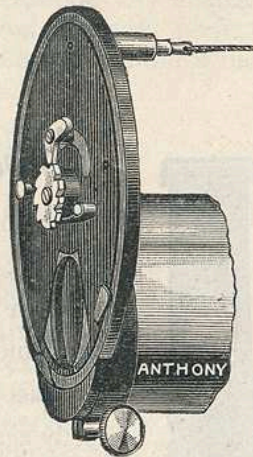
No. o,	for hoods up to	In. diam.	
	to	$1\frac{3}{8}$	\$7 00
" 1,	"	$1\frac{7}{8}$	7 00
" 2,	"	$2\frac{3}{8}$	7 50
" 3,	"	$2\frac{7}{8}$	8 00
" 4,	"	$3\frac{3}{8}$	8 75
Combination hair trigger and pneumatic release,			1 25

The Grunow Shutter.

The accompanying cut shows plainly the construction of a new and simple shutter. On the rear of the shutter is a collar that can be clamped on the lens tube by a set screw. A coil spring on the front actuates the revolving disk, and is adjustable for different speeds. The release is obtained by a slight pull upon the spring catch above. The whole is made of very thin metal, and is light and strong.

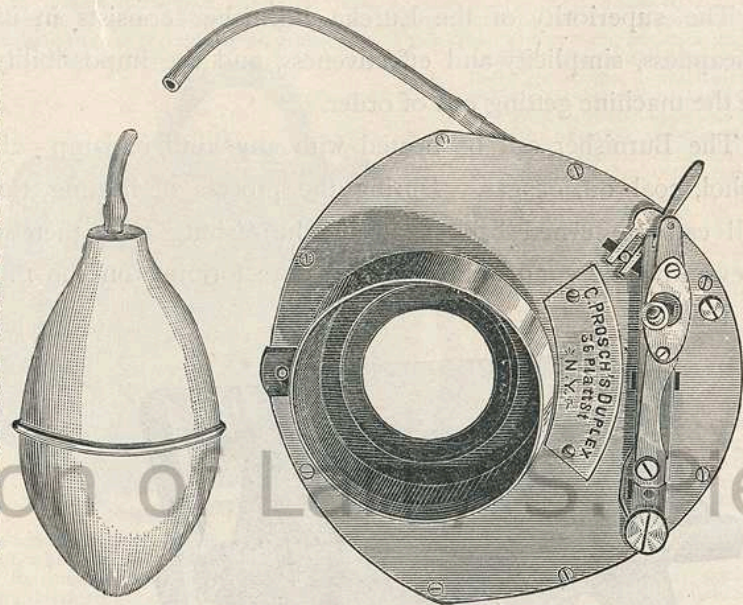
At present two sizes are made; one has an aperture of one inch in diameter, and is called No. 1, costing \$4; the other is without clamped collar, and has an aperture of $1\frac{1}{4}$ inches diameter. The collar for the latter is separate, and made to order to fit any lens, at an additional cost of one dollar.

In ordering, give exact diameter of tube over which the collar of the shutter is to be fastened.



Prosch's "Duplex" Photographic Shutter.

A PERFECT TIME SHUTTER.



A PERFECT INSTANTANEOUS SHUTTER.

With this Shutter, the latest production of the inventor of the very popular "Eclipse" Shutter, exposures can be made of any desired duration. It is equal to any requirement for the most rapid work, and as a time Shutter exposures can be made as quick as two pulsations can be given to air-bulb (about one-tenth of a second, or it may be of minutes' duration.

"Duplex" Shutters work perfectly with even the very largest lenses up to their full capacity; and several lens s can be used with the same shutter. The Shutter gives a full opening; but yet, by the peculiar opening in the exposure slides, any part of the picture can be favored with more or less illumination, by turning the Shutter (sometimes even inverting it).

The cut shows a front view of a shutter one-half size, suitable for an 8 x 10 lens. The Shutter is placed midway between the lenses (which constitutes it a diaphragm Shutter) and is arranged with diaphragms of a new design, having a recessed surface.

Descriptive circular and price-list sent on application.

If you would be good to yourself you should have a "Duplex" Shutter.

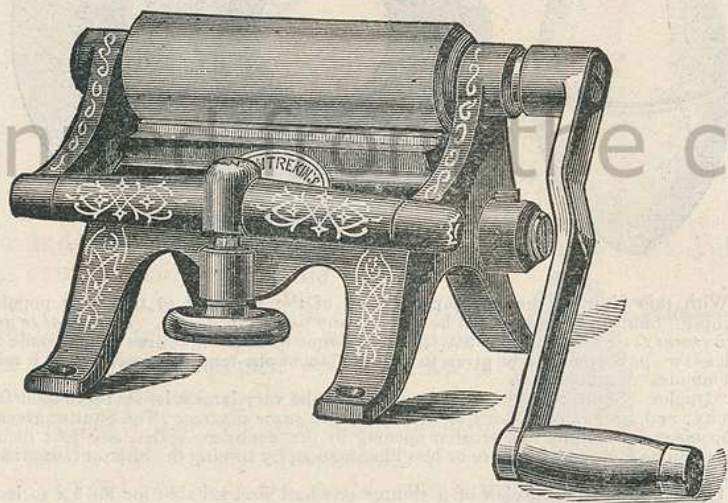
Sizes and prices as follows. Larger sizes than here given will be furnished at special prices, and the size of lens named for which each Shutter is suitable, is only approximate.

SIZE.	OPENING.	PRICE.
No. 00.....	$\frac{1}{8}$ inch.....	\$12 00
No. 0.....	$\frac{1}{4}$ inch.....	12 00
No. 1.....	$\frac{1}{2}$ inch.....	13 00
No. 2.....	$\frac{3}{4}$ inch.....	14 00
No. 3.....	1 inch.....	16 00

Entrekin's Eureka Burnisher.

The superiority of the Eureka Burnisher consists in its cheapness, simplicity and effectiveness, and the impossibility of the machine getting out of order.

The Burnisher can be heated with any kind of lamp—alcohol, coal oil, or gas. During the process of heating, the roll can be turned back from the burnishing tool, thereby preventing the condensation of moisture forming on the roll or tool.



To dress the burnishing tool, the roll is simply turned back from the tool in an instant. No hot plates to handle, and consequently no burnt fingers.

The machine has also the patent removable burnishing tool, which is a decided advantage.

6 inch Roll, . . . \$13 00 | 10 inch Roll, . . . \$20 00

Anthony's Patent Satchel Detective Camera.

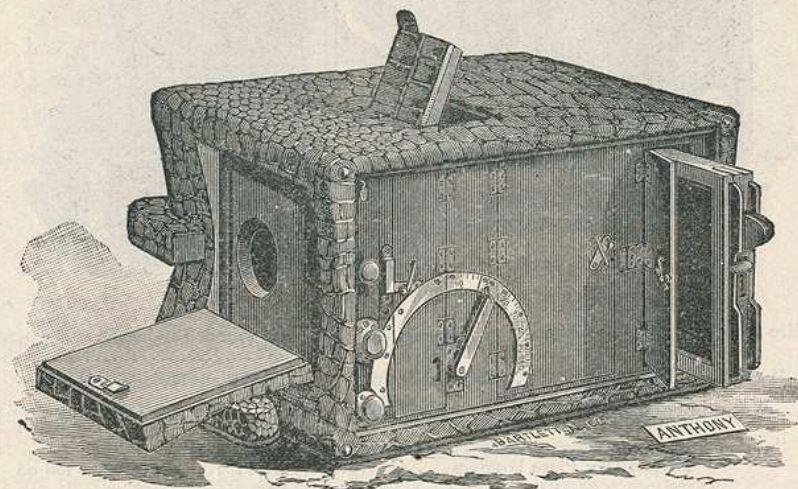
In outward appearance, and to the ordinary observer, this latest modification of the Detective Camera looks exactly like an alligator hand-satchel that is carried by a shoulder-strap at the side of the pedestrian. Upon closer observation, one sees that it consists of an artfully-concealed



detective camera, in which all the various movements to secure a picture are situated upon the under side. For use, the camera is held so that the base of the satchel rests against the body of the operator. By means of a brass pull at the side the shutter is set. A plate in the regular holder is placed in position at the back of the camera, and the slide is drawn ready for exposure. The release of a short catch exposes the front of the shutter ready for action, and by raising a small leather-covered lid the little camera obscura called the finder on the (now) upper side of the camera shows the position that the object will occupy on the plate. The slightest touch upon a small brass button releases the shutter, and the exposure is made. Replacing the slide in the plate holder, reversing

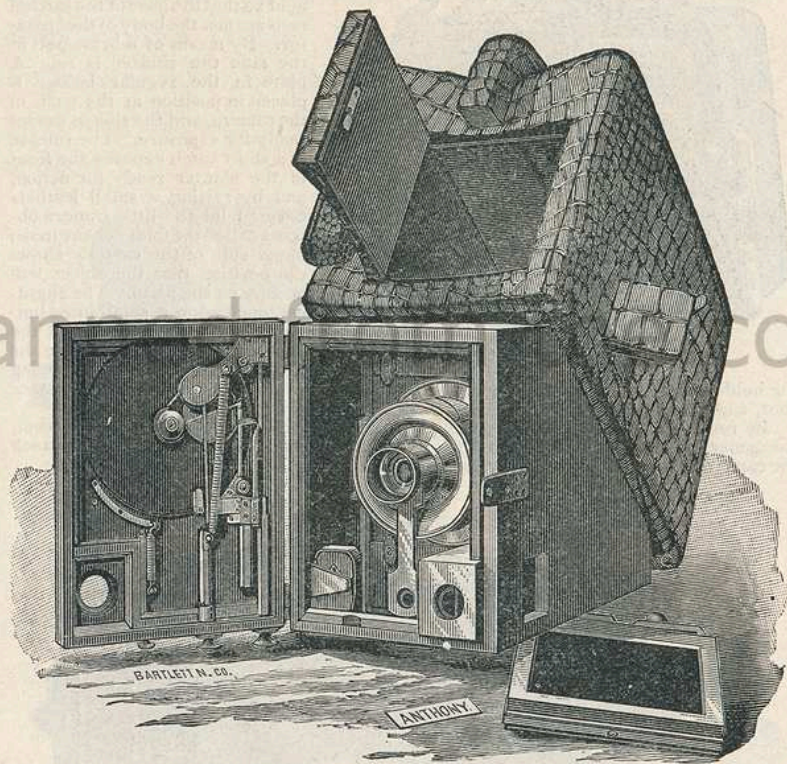
the holder, and setting the shutter again leaves the apparatus in readiness for another shot, when the plate-holder slide is withdrawn as before.

By removing a screw that takes the place of the spring lock of an ordinary satchel, the camera proper can be removed from its cover, and a tripod screw serves to attach the camera to a tripod for ordinary use.



Anthony's Patent Satchel Detective Camera (Continued).

This last form of the detective camera allows the operator to carry with him twelve plates in the interior of the apparatus, and so carefully packed away that no light can strike them. It is also furnished with an ingenious attachment by which the speed of the shutter can be regulated to suit the speed of the object, moving with greater or less velocity; while, by simply releasing a catch, time exposures can be made at the will of the operator. In fact the whole affair is the latest achievement in ingenious and compact light photographic apparatus.



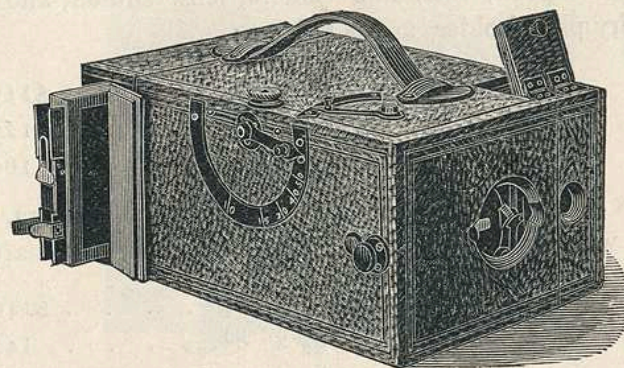
Camera showing the detachment of Satchel.

Size 4 x 5, in imitation Alligator or Grained Leather, with Patent Double Dry Plate Holder.....	\$80 00
" 4 x 5, in Genuine Alligator, with one Patent Double Dry Plate Holder.....	85 00
" 4 x 5, in Imitation Alligator or Grained Leather, with rear compartment containing six Patent Double Dry Plate Holders.....	95 00
" 4 x 5, in Genuine Alligator, with rear compartment containing six Patent Double Dry Plate Holders.....	100 00

LARGER SIZES MADE TO ORDER.

Schmid's Patent Detective Camera.

(PATENTED JAN. 2, 1883.)



THE LEATHER-COVERED DETECTIVE CAMERA.

This camera is focused for objects at various measured distances, and the points are marked upon the index shown in the cut at the side of the box, the pointer of the index serving to act upon gear-work to bring the camera in adjustment for any given distance.

After this the ground glass may be entirely dispensed with, as it is then only necessary to estimate the distance of the object to be photographed and move the focusing lever to the mark corresponding to that distance, when the camera will obviously be in focus.

The small lens in the upper left hand corner serves to throw the picture on a piece of ground glass on the top of the camera, thus showing the position of the image on the plate. When the picture appears in proper position on this ground glass, it is only necessary to touch the button on the right of the camera and the exposure of the plate is instantly made, its development being afterward accomplished in the ordinary manner.

The slide is then replaced in the plate holder, which, being reversed, the shutter reset, and the other slide drawn out, everything is ready for the next shot.

Prices, complete, including camera, lens, shutter, and one double dry plate holder, are as follows:

3¼ x 4¼,	\$55 00	5 x 8,	\$117 50
4 x 5,	60 00	6½ x 8½,	125 00
4¼ x 6½,	90 00	8 x 10,	160 00

3¼ x 4¼ and 4 x 5, covered with leather, \$2.50 extra.

Fitted with Dallmeyer Rapid Rectilinear Lens, prices are:

3¼ x 4¼,	\$77 00	5 x 8,	\$140 00
4 x 5,	82 00	6½ x 8½,	147 50
4¼ x 6½,	105 00	8 x 10,	192 00

Sizes above 4 x 5 are made to order only.

Additional double dry plate holders, for 3¼ x 4¼ plates, each, \$2 00

Additional double dry plate holders for 4 x 5 plates, each, 2 25

Glass Stirring Rods.

8 inch, each,	\$0 10	15 inch, each,	\$0 20
12 " "	15	18 " "	25

Both ends are glaze finished.

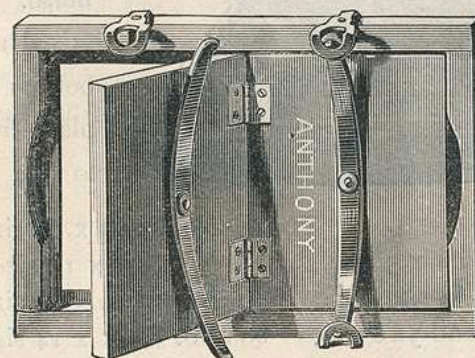
Porcelain Developing Trays.

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

	Shallow.	Deep.		Shallow.	Deep.
5 x 7,	\$0 44	\$0 62	8 x 10,	\$0 82	\$1 00
7 x 9,	66	82	10 x 12,	1 32	1 66

Fairy Printing Frames.

(PATENTED DEC. 8, 1885.)



Combining strength, rigidity and lightness, and so constructed that the springs lock into the eyes or catches on the sides, rendering it impossible for them to slip from position. They are handsomely finished, and much lighter and more compact than any other style.

Prices as follows:

3¼ x 4¼, each	45c.	5 x 7, each	60c.
4 x 5, "	45c.	5 x 8, "	60c.
4¼ x 5½, "	45c.	6½ x 8½, "	65c.
4¼ x 6½, "	55c.	8 x 10, "	75c.

No larger sizes made of this style.

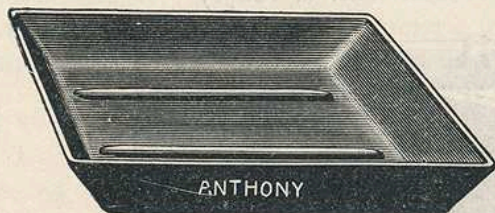
Anthony's New Varnish for Gelatine Dry Plate Negatives.

Full directions for use on each bottle.

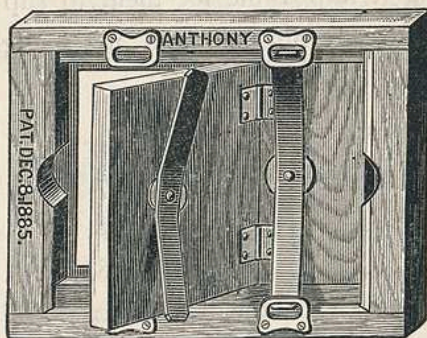
Price, per 6 oz. bot., \$0 40; pint, \$1 00; quart, \$1 90.

Ebonite Tray.

It is easily kept clean, and has a polished surface of high finish. Two slightly raised ridges on the bottom prevent the plate from adhering to the tray.



No. 1, for $\frac{1}{4}$ size, . . . \$0 25	No. 5, $6\frac{1}{2}$ x $8\frac{1}{2}$ size, . . \$0 80
No. 2, $\frac{1}{2}$ and 4 x 5 size, . . . 27	No. 6, 8 x 10 size, . . . 1 30
No. 3, $4\frac{1}{4}$ x $6\frac{1}{2}$ size, . . . 40	No. 7, 10 x 12 size, . . . 2 40
No. 4, 5 x 7 and 5 x 8 size, . . 60	No. 8, 11 x 14 size, . . . 3 20

Patent Improved Printing Frames.

These are provided with brass washers, that greatly preserve the wood-work from otherwise constant friction.

Size $3\frac{1}{4}$ x $4\frac{1}{4}$, each, . . . \$0 45	Size 5 x 8, each, . . . \$0 60
" 4 x 5, " . . . 45	" $6\frac{1}{2}$ x $8\frac{1}{2}$ " . . . 65
" $4\frac{1}{4}$ x $6\frac{1}{2}$, " . . . 55	" 8 x 10, " . . . 75

Anthony's New Transparency Dry Plates.

For lantern slides, window transparencies, micro-enlargements, contact printing, duplicating negatives, and line work for photo-engraving. They work in half the time of the old collodion plates and require no intensifying. Made in all sizes from 8 x 10 down to $3\frac{1}{4}$ x $4\frac{1}{4}$. Send for circular and read what is said of them. Prices:

	PER DOZ.		PER DOZ.
$3\frac{1}{4}$ x 4 thin crystal	\$0 65	$6\frac{1}{2}$ x $8\frac{1}{2}$	\$2 00
$3\frac{1}{4}$ x $4\frac{1}{4}$	55	8 x 10	3 07
4 x 5	80	10 x 12	4 50
$4\frac{1}{4}$ x $5\frac{1}{2}$	90	11 x 14	5 85
$4\frac{1}{4}$ x $6\frac{1}{2}$	1 08	14 x 17	10 80
$4\frac{3}{4}$ x $6\frac{1}{2}$	1 20	16 x 20	14 40
5 x 7	1 40	17 x 20	15 30
$5\frac{1}{2}$ x 7	1 50	18 x 22	18 00
5 x 8	1 50	20 x 24	21 50

Transparency Frames.

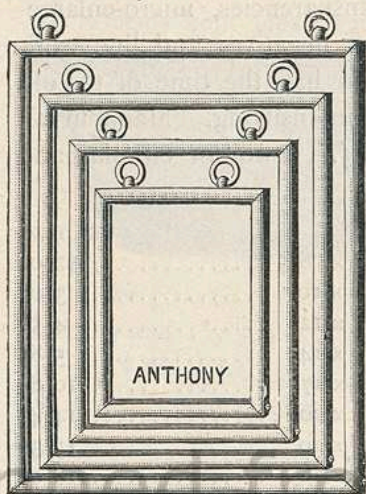
Are made with rings on the side to make them hang horizontally, or with rings on the end to allow them to hang vertically. In ordering, please specify which pattern is desired.

4 x 5 inch transparency frames, each, . . .	\$0 20
$4\frac{1}{4}$ x $5\frac{1}{2}$ " " . . .	24
5 x 8 " " . . .	26
$6\frac{1}{2}$ x $8\frac{1}{2}$ " " . . .	30
8 x 10 " " . . .	36
10 x 12 " " . . .	60
11 x 14 " " . . .	75

Patented Transparency Frames.

These are made with one side removable, enabling the transparency to slide into the frame easily and without danger

of breaking. They are also made to hang either vertically or horizontally.



4 x 5, each	\$0 28
5 x 8, "	34
6½ x 8½, "	38
8 x 10, "	48
10 x 12, "	75
11 x 14, "	90

Carbon Transparencies.

A choice selection of attractive subjects from steel-plate engravings

8 x 10, in patent nickel-plated frames, each,	\$2 00
11 x 14, in patent nickel-plated frames, each,	3 50

Ground Glasses for Transparencies.

4 x 5, each	\$0 10	6½ x 8½, each	\$0 26
4¼ x 6½, "	13	8 x 10, "	32
5 x 8, "	18		

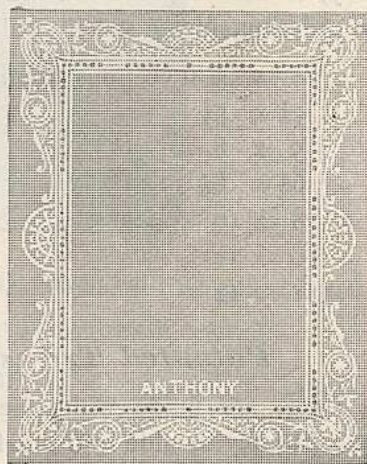
Etched Glasses for Transparencies.

Fancy borders, 8 x 10, with opening 5¼ x 7¼, each	\$0 55
Fancy borders, 11 x 14, with opening 6¼ x 9½, each	1 00

Orange and Ruby Glass.

For Dark Rooms.

8 x 10, per light	\$0 30
10 x 12, "	50
11 x 14, "	55
13 x 16, "	70
12 x 20, "	80



Anthony's Patent Rapid Printing Paper.

Requires Neither Toning nor Sunlight.

This paper being prepared with the same substance as used on the gelatine dry plates, it requires no other chemicals for its development than those employed in the development of the negative, which is a great convenience in travelling. It must consequently always be used in a room free from actinic light.

GLOSSY.

Per package of 1 dozen,	8 x 10 sheets,	\$1 50
" " 1 "	6½ x 8½ "	1 10
" " 1 "	5 x 8 "	75
" " 1 "	4 x 5 "	40

PLAIN.

Per box of 12 sheets, each	4 x 5 inches,	40
" 12 "	5 x 8 "	75
" 12 "	6½ x 8½ "	1 10
" 12 "	8 x 10 "	1 50
Per roll of five sheets, measuring 11 x 18 inches,		1 50
" one sheet,	29½ x 393	18 00
" " "	29½ x 196	9 00
" " "	29½ x 98	4 50

Anthony's Extra Glossy Ready Sensitized Albumen Paper.

This paper was expressly manufactured for and introduced by us to give to those who have not the skill, time, inclination or appliances to sensitize photographic paper preparatory

to printing, an article of the finest quality and of uniform sensitiveness.

3½ x 4¼ in.,	in light-tight boxes of	2 doz.,	per box,	\$0 25
4 x 5 "	" "	2 "	" "	40
5 x 8 "	" "	2 "	" "	75
6½ x 8½ "	" "	2 "	" "	1 00
8 x 10 "	" "	2 "	" "	1 50
18 x 22 "			per doz.,	3 00

To save loss, boxes are not broken.

E. A. Ferro-prussiate Paper, for Making Blue and White Pictures.

This requires no chemicals in its development. It is merely printed for about ten minutes in the sunlight and then washed thoroughly in clean water.

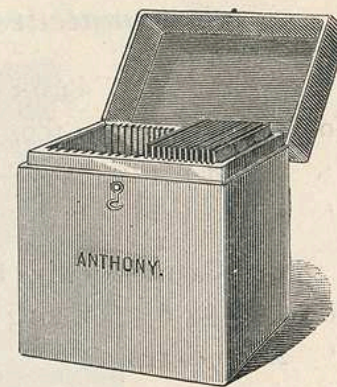
This paper is extremely simple in its manipulation, and therefore very convenient for making proofs from negatives. It is also adapted for the reproduction of Mottoes, Plans, Drawings, Manuscript, Circulars, and to show representations of Scenery, Boats, Machinery, etc., for an engraver to copy from. The rapidity with which a print can be made with this paper is, for numerous purposes, and to men in some occupations, a very great recommendation in its favor.

3½ x 4¼ in.,	in light-tight boxes of	2 doz.,	per box,	\$0 22
4 x 5 "	" "	2 "	" "	28
5 x 8 "	" "	2 "	" "	50
6½ x 8½ "	" "	2 "	" "	67
8 x 10 "	" "	2 "	" "	83
18 x 22 "			per doz.,	2 00

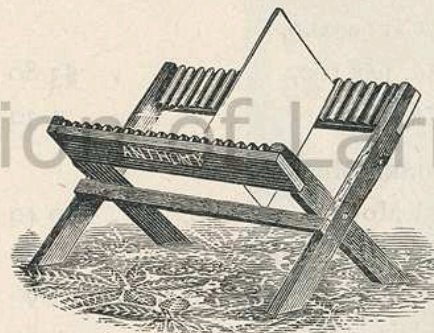
To save loss, boxes are not broken. In full rolls of 11 yards each, 27 inches wide, \$2 75 per roll.

Negative Boxes.

For storing negatives. They are smoothly made, with grooves each side, and have nicely rounded corners. Prices, holding 24 plates, each, 4 x 5, 65 cents; 5 x 8, 85 cents; 6½ x 8½, 95 cents; 8 x 10, \$1 10.

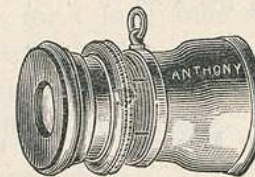


Anthony's Folding Negative Rack.



Anthony's Folding Negative Rack, for holding plates while drying; when not in use it can be folded and hung on a nail. Price, 50 cents each.

E. A. Compound Focussing Glass.



For fine work the E. A. compound focussing glass is the best. It has a double compound lens. The price is \$2 50.

Amateurs' Card Stock.

PLAIN CARDBOARD.

No. 2.	6½ x 8½	per 100,	. . . . .	\$1 00
" 2.	8 x 10	"	. . . . .	1 50
" 2.	10 x 12	"	. . . . .	2 25

PLAIN CARDBOARD WITH PLAIN GILT SQUARE BORDERS.

No. 2.	6½ x 8½,	opening 4 x 5,	per 100,	. . . . .	\$1 88
" 2.	9 x 11,	" 5 x 8,	"	. . . . .	2 58
" 2.	10 x 12	" 6 x 8,	"	. . . . .	3 38

BLACK CARDBOARD.

No. 13.	Imperial 6½ x 8½,	per 100,	. . . . .	\$3 80
" 13.	" 6¾ x 9¾,	"	. . . . .	4 30

CARD AND CABINET MOUNTS, ETC.

No. 5.	Round Corner Card Mounts,	per 100,	. . . . .	\$0 40
" 5.	" Cabinet "	" "	. . . . .	90
" 9.	" 4 x 5 "	" "	. . . . .	90
" 9.	" Boudoir "	" "	. . . . .	1 80

BLACK CARDBOARD WITH GILT BEVELLED EDGES.

No. 43.	Card size,	per 100,	. . . . .	\$1 05
" 43.	Cabinet size,	per 100,	. . . . .	2 00
" 26.	4 x 5 size,	. . . . .	. . . . .	2 10
" 26.	Boudoir, 5¼ x 8½,	per 100,	. . . . .	3 40

STEREOSCOPIC MOUNTS, No. 5, PER 100.

3½ x 7, \$0 70; 4 x 7, \$0 80; 4¼ x 7, \$0 85;
4½ x 7, \$0 95.

Complete catalogue of card stock sent on application.

"Daisy" Permanent Starch Paste.

There has been for a long time a demand for a Starch Paste that would neither mold, sour or discolor, yet put up in a convenient form ready for use. We now introduce such an article, under the name of the "Daisy" Permanent Starch Paste.

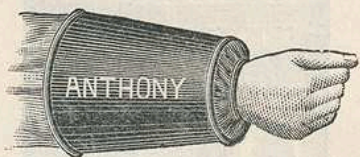
PUT UP IN	EACH.	PUT UP IN	EACH.
½ pint jars, - - -	\$0 25	2 quart bottles, - -	\$1 00
1 " bottles, - - -	0 35	1 gallon " - -	2 00
1 quart " - - -	0 55		

Photographer's Note Book.

The most compact and simple for recording exposures, and containing perforated sheet numbers for 288 negatives, with pages for recording number of holder, progressive number, date, subject, time, lens, focus, diaphragm, time of day, plate, and general remarks. Neatly and strongly bound, measuring 3 x 4 1/4 inches.

Price, including pencil, 25 cents each.

Artist's Cuffs.



(For photographers' use), to prevent soiling the sleeves and cuffs while developing negatives.

Price, 60 cts. per pair.

Rubber Gloves.

Just the thing to keep pyrogallic acid off the hands of those who prefer the pyrogallic developer.

Sizes, ladies' long, Nos. 7, 8 and 9, per pair,	\$1 50
“ “ short, “ “ “	1 25
“ gents' long, “ 12, 13 and 14, “	1 65
“ “ short, “ “ “	1 35

Rubber Finger Cots.

Price, assorted sizes, \$1 00 per dozen.

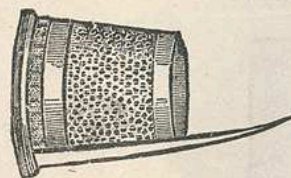
Robinson's Straight Trimmers.

For trimming photographs, each, \$0 50.

Flat Paste Brushes.

1 inch, \$0 15

The Efficient Plate Lifter.



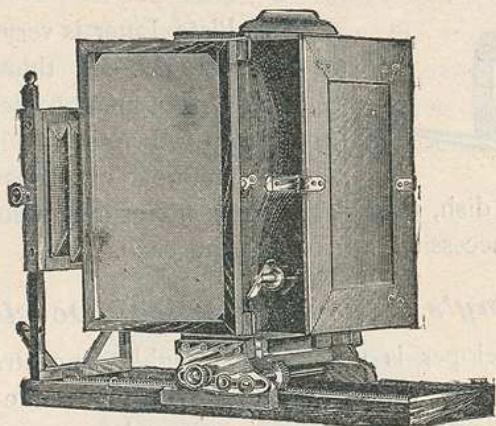
This Plate Lifter is very nearly like an ordinary open-end thimble with a pointed piece of metal soldered securely to it, as shown in the illustration. Where a number of plates are developed in one dish, this Plate Lifter is not only a convenience, but quite a necessity. Price 15 cents each.

Anthony's New Economical Developer.

This developer is put up in a highly concentrated form, keeps well, and will perform nearly twice the work of any similar developer. Being in one solution, its management is easily understood by the beginner, who is often "all at sea" with developers put up in separate solutions. It stands unrivaled as a dry-plate developer, and is extremely quick in action. It can be used with any brand of plates, giving beautifully soft negatives. To those who are desirous of avoiding the trouble of preparing their own developers it will recommend itself on the very first trial; and that it will figure as a valuable item in the travelers' photographic outfit, goes without saying. All who have used this developer thus far express themselves as delighted with it. With this solution under-exposed plates will bear prolonged and forced development without showing the least tendency to become veiled or hazed in the shadows, as is so common with most developers.

Price, per bottle, 40 cents.



Eastman's Roll Holders.

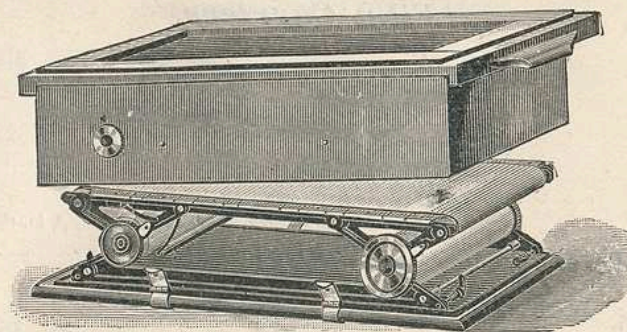
Fitted to 5 x 8 Fairy Camera.....	\$16 00
“ 5 x 8 Novel “	16 00
“ 8 x 10 “ “	24 00

We have the above in stock and are prepared to fill orders for same promptly.

Other goods of the Eastman Co. will be furnished at the following prices :

Negative Paper Outfits for making Paper Negatives in ordinary holders. Contents, 2 doz. 5 x 8 Negative Paper ; 1 8-oz. bottle Developer ; 1 8-oz. bottle Castor Oil ; 1 6-in. Vel. Rubber Squeegee ; 2 5 x 8 Carriers, complete.

5 x 8 Outfit, complete with Carriers $\frac{1}{8}$ inch thick for Dry Plate Holders, put up in neat box, price.....	\$3 50
5 x 7 Outfit, complete with Carriers $\frac{3}{16}$ inch thick for Wet Plate Holders, put up in neat box, price.....	3 00

**Eastman Roll Holders.**

First model, with audible indicator and detachable key.

4 x 5,	\$12 00	5 x 8,	\$16 00
$4\frac{1}{2}$ x $7\frac{1}{2}$,	16 00	$6\frac{1}{2}$ x $8\frac{1}{2}$,	20 00
5 x 7,	16 00	8 x 10,	24 00

Roll Holders.

New model, with both audible and visible indicators and non-detachable key.

$3\frac{1}{4}$ x $4\frac{1}{4}$,	\$12 00	5 x 8,	\$20 00
4 x 5,	15 00	$6\frac{1}{2}$ x $8\frac{1}{2}$,	24 00
* $4\frac{1}{2}$ x $7\frac{1}{2}$,	20 00	8 x 10,	30 00

* This size is made for 5 x 8 Fairy and Novelette Cameras, which are smaller than any other make of 5 x 8 Cameras.

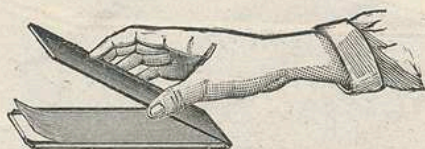
Holders of other sizes to order.

Fitting holders to cameras extra.

Roll Holders—Extra Parts.

Extra keys, each,	35c.
“ reels, “	75c.

All parts of Roll Holders are made interchangeable, and any part can be furnished on application.

Film Carriers.

	$\frac{3}{16}$ in. thick.	$\frac{1}{8}$ in. thick.	$\frac{1}{16}$ in. thick.	
$3\frac{1}{4} \times 4\frac{1}{4}$	\$0 25	\$0 25	—	each.
4 x 5	30	30	—	“
5 x 7	35	—	\$0 35	“
5 x 8	35	35	35	“
$6\frac{1}{2} \times 8\frac{1}{2}$	40	40	40	“
8 x 10	50	50	50	“

Other sizes in proportion.

Negative Paper—Cut Sheets.

$3\frac{1}{4} \times 4\frac{1}{4}$, two dozen in box.....	\$ 65
4 x 5, “ “ “	90
5 x 7, “ “ “	1 55
5 x 8, “ “ “	1 75
$6\frac{1}{2} \times 8\frac{1}{2}$, “ “ “	2 45
8 x 10, “ “ “	3 50
10 x 12, one “ “	2 60
11 x 14, “ “ “	3 50

Packed flat. Other sizes in proportion.

Negative Paper

ON SPOOLS TO FIT ROLL HOLDER.

4 inch for 2 dozen 4 x 5 exposures	\$1 00
$4\frac{1}{2}$ “ 2 “ $4\frac{1}{2} \times 7\frac{1}{2}$ “	1 80
5 “ 2 “ 5 x 7 “	2 00
$6\frac{1}{2}$ “ 2 “ $6\frac{1}{2} \times 8\frac{1}{2}$ “	2 70
8 “ 2 “ 8 x 10 “	4 00

Squeegees—Velvet Rubber.

6 inch,	\$0 40
8 “	0 50
12 “	0 75

Hard Rubber Plates.

FOR DRYING PAPER NEGATIVES.

4 x 5, $\frac{1}{16}$ in. thick, \$0 10	$\frac{5}{64}$ in. thick, each, \$0 15
5 x 7, “ 0 18	“ “ 0 27
5 x 8, “ 0 20	“ “ 0 30
$6\frac{1}{2} \times 8\frac{1}{2}$, “ 0 30	“ “ 0 45
8 x 10, “ 0 40	“ “ 0 60

Eastman's Permanent Bromide Paper.

A—Smooth surface, thin, for positive printing, copying drawings, etc., by contact.

B—Smooth surface, heavy, for enlargements and working in ink, oil and water colors.

C—Rough surface, heavy, for enlargements, plain, and for working in crayon, ink, water colors and oil.

All one price.

A, B or C.

CUT SHEETS.

SIZE.	PER DOZ.	SIZE.	PER DOZ.
4 x 5,	\$0 40	11 x 14,	\$3 00
5 x 7,	0 65	14 x 17,	4 50
5 x 8,	0 75	16 x 20,	6 00
$6\frac{1}{2} \times 8\frac{1}{2}$,	1 10	17 x 20,	6 40
8 x 10,	1 50	18 x 22,	7 50

The Anthony Self-Changing Shower Washing Box.

(PATENT APPLIED FOR.)

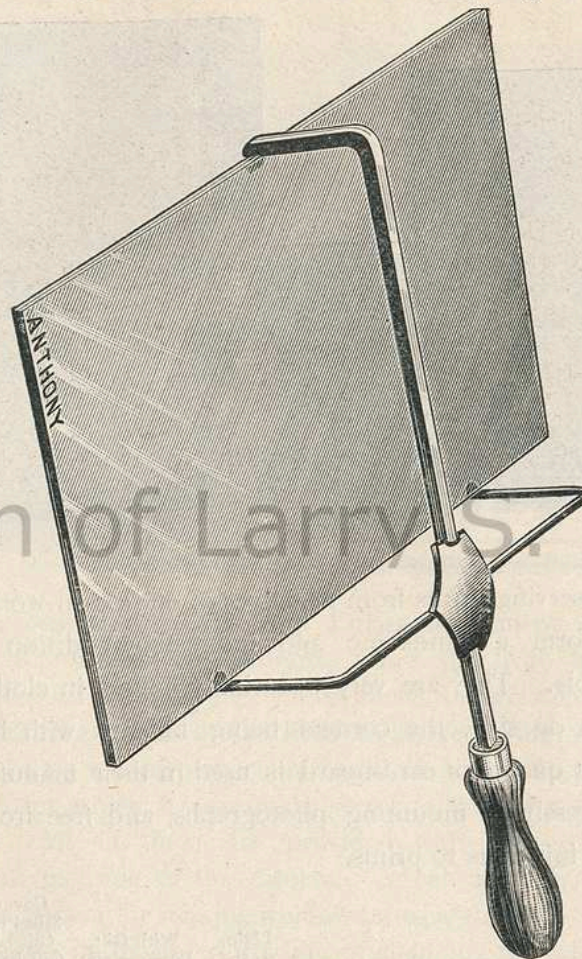


The Anthony Self-Changing Shower Washing Box for dry-plate negatives is a nicely constructed and convenient apparatus. Made substantially, and well japanned inside and out, it has interior grooves in which either 5 x 8 or 8 x 10 negatives may be placed. When the negatives are introduced, the hose is attached to a faucet; the lid is now closed and locked if desired, and the water turned on.

It will be seen that the water enters the washer from above and that the inside of the lid is made in the form of a perforated fountain, which discharges a spray over the plates. When the negatives are entirely submerged, the water is all drawn off by means of a self-acting siphon, and the process of showering is repeated.

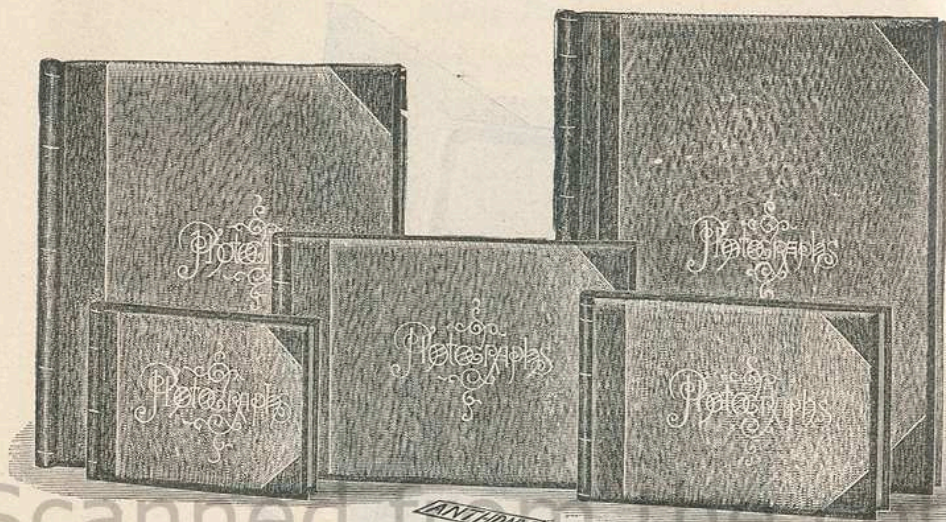
With this apparatus the hypo can be thoroughly eliminated from the gelatine film in from fifteen minutes to half an hour. The change of water is continuous. Price, \$5 00.

Anthony's Adjustable Developing Fork.



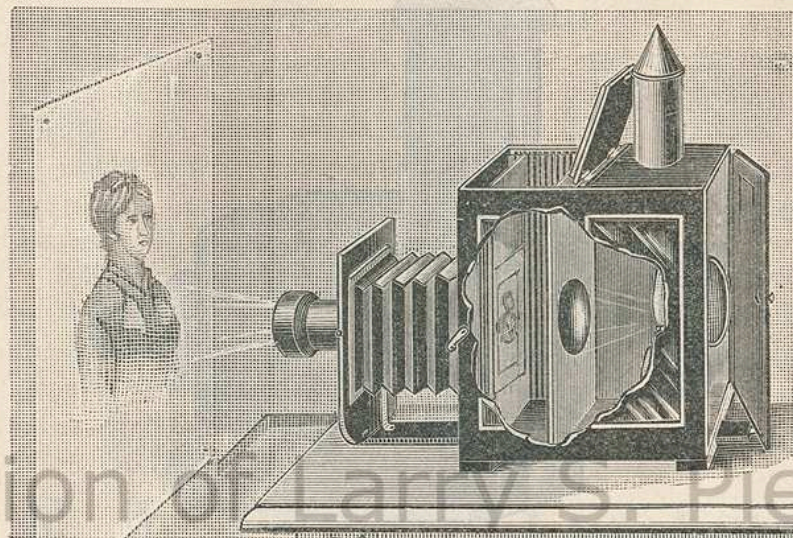
As seen by the cut, this is for holding the Dry Plate during developing and washing. It entirely prevents soiling of hands, and by its aid the plate is easily examined and returned to solution, saving necessity of ridges and elevations on bottom of tray to prevent capillary attraction. They are made in two sizes, nickel plated.

No. 1 for plates $3\frac{1}{4} \times 4\frac{1}{4}$ to 5×8 60 cts.
 " 2 " 4×5 to 8×10 90 "

Anthony's Amateur Albums.

For preserving prints from negatives of one's own work these Albums form a handsome and interesting addition to the library table. They are very beautifully bound in cloth, with gilt stamp on side, the corners being finished with leather. The purest quality of card-board is used in their manufacture, made expressly for mounting photographs, and free from any chemicals injurious to prints.

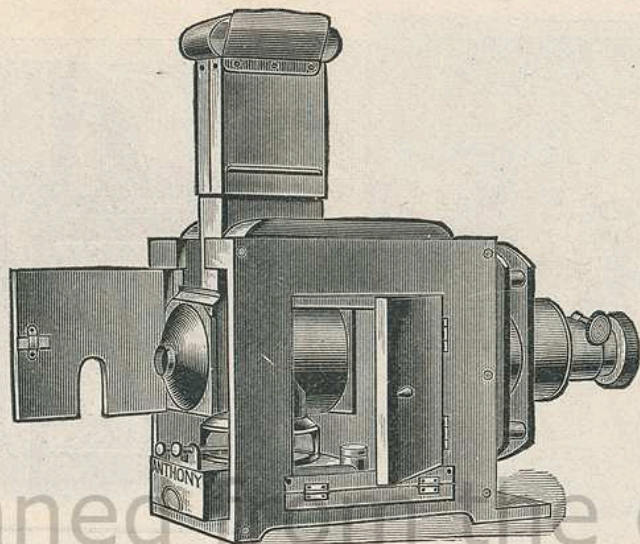
Size of Card.	Plain, each.	With Gilt Lines, each.	Covered with Silk Plush, with Gilt Lines and Gilt Edge, each.
5 x 6 for 3 $\frac{1}{4}$ x 4 $\frac{1}{4}$ pictures.....	\$1 00	\$1 25	\$2 50
6 x 7 " 4 x 5 "	1 10	1 50	—
7 x 10 " 5 x 8 "	1 30	1 70	3 50
10 x 12 " 6 $\frac{1}{2}$ x 8 $\frac{1}{2}$ "	1 95	2 36	—
11 x 12 " 8 x 10 "	2 40	2 80	5 00

Anthony's New Enlarging Camera.

The great merit of this New Enlarging Camera is its simplicity of construction, economy, and practical usefulness. It is intended for making enlargements on gelatino-bromide rapid printing paper by artificial light, requiring only from thirty to sixty seconds' exposure for a life-size head. Another purpose for which it admirably serves is that of a dark-room lantern. All of them are provided with non-actinic glass panels in the side of the camera. It can also be used as a copying camera for making window transparencies.

Grooves in the interior admit of changing the relative positions of the negative and condensing lens. It is very compact, the size being 18 x 15 x 8 inches. A larger size is in course of preparation.

Price, \$20; including one quarter-size E. A. portrait lens, \$28 75.

Anthony's Triplexicon Magic Lantern.

We have seen many lanterns in our time, but in several respects this eclipses them all, and especially those for use with kerosene oil only. The lamp itself is completely shielded with a well-made hood of Russian iron, and is provided with the patent triplex wick, which affords the utmost illumination obtainable with any oil light. The back and front of the hood are closed interiorly by glass plates, specially annealed to withstand extreme heat, and the rear one is again closed by perforated sheet iron, covered interiorly with a highly-polished metallic reflector, back of which is inserted an eye-piece of ruby glass. The latter enables one to always observe the condition of the flame and wicks, and regulate them without disturbing or discontinuing the action of the instrument. The chimney is made telescopic, to pack more compactly.

The diffusing lens, specially constructed for the purpose, is mounted on a cylindrical slide, to extend, if necessary, the

focal distance, while the condensing lenses, which are of four-inch diameter and can be separated for cleaning, are inserted in a corresponding slide within the wooden case.

The case itself is quite compact, and appears very ornamental in its highly-polished mahogany, with its little hinged ventilators on either side at the bottom. The metal front is burnished, and has a spiral spring adapter for the admission of the slides. A substantial wooden box contains all, and serves also as a table for the instrument while in use.

Altogether, this is the finest example of its kind we have yet seen. It will also serve admirably for enlargements with the gelatino-bromide paper. It is destined to become very popular. Price \$40 00.

- THE -
E. A. PYROGALLIC ACID

YOU CAN ALWAYS DEPEND UPON.

Recommended as the best by

WARDLAW, COOPER and ROCHE,

All of whom are known to every photographer.

THE STANLEY DRY PLATE CO.,

THE EASTMAN DRY PLATE CO.,

THE ST. LOUIS DRY PLATE CO.,

And Many Others.

See that it has the E. A. Trade Mark.

Put up in 1 oz. Cans. | Put up in 8 oz. Cans.

" " 4 " " | " " 16 " "

ASK YOUR DEALER FOR IT.



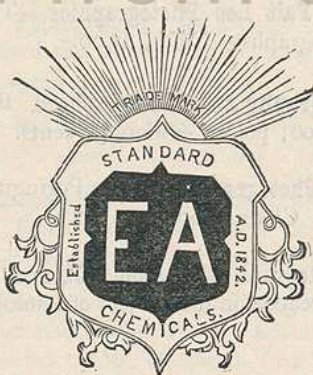
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OF
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- No. 2. **The Silver Sunbeam.** By Prof. Towler, M.D. Ninth edition. Cloth, 650 pp., large 12mo. The most popular and complete of all the photographic manuals. 100 wood-cuts. \$3.00.
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- No. 10. **The (Photographic) Studios of Europe.** By H. Baden Pritchard, F.C.S., 280 pp., large 12mo; 40 wood-cuts. The cheapest and most practical hand-book ever published. Cloth, \$1.00; in paper cover, 50 cents.
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- No. 14. **Wie Photographische Bilder Gemacht werden.** The German Edition of How to Make Photographs. Cloth, \$1.00.
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- No. 16. **About Photography and Photographers.** By H. Baden Pritchard. Regular edition, \$1.00; pocket edition, 30 cents.
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- No. 18. **How to Photograph Microscopic Objects.** By I. H. Jennings. The best practical treatise on the subject of Photo-Micrography. Cloth, 50 cents.
- No. 19. **The Magic Lantern and Its Applications.** By L. H. Laudy, Ph.D. The most complete manual on the Magic Lantern published. Octavo, cloth, 75 cents.
- Vol. XVII. **Anthony's Photographic Bulletin.** Edited by Prof. Chas. F. Chandler, of the School of Mines, Columbia College, New York City. 32 pp. octavo, semi-monthly. The most popular photographic journal in America. Illustrated, \$3.00 per annum, in advance.

In addition to the foregoing, we shall be happy to supply any of the following:

- Vogel's Hand-Book of Practical and Artistic Photography. Second edition, \$3.50.
 The Chemistry and Light of Photography. By H. Vogel. \$2.00.
 Progress of Photography since 1879. By Dr. H. Vogel. \$3.00.
 Wilson's Photographics. Second edition. \$4.00.
 Burnet's Hints on Composition. \$3.50.
 British Journal Almanac and the Year Book of Photography for 1886. 50 cents each. The two, 75 cents.
 Back vols. British Journal Photographic Almanac. 25 cents.
 Back vols. of the Year Book of Photography. 25 cents.
 Mosaics, 1886. Paper cover, 50 cents.
 Pictorial Effects in Photography. Edited by H. P. Robinson. Cloth, \$1.50; paper cover, \$1.00.
 British Journal of Photography. Edited by J. Traill Taylor. Weekly, \$5.00 per annum.
 Photographic News, London. Weekly, \$5.00 per annum.
 The Art of Making Portraits in Crayon on Solar Enlargements. By E. Long, Price, 50 cents.



PURE CHEMICALS

Are indispensable to the Professional and Amateur Photographer.

All bearing the above Trade Mark are guaranteed to be unexcelled for Photographic purposes.

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4 What People Think of the Bulletin.—Continued.

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E. C. WINANS.

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In noting the improvements which have been made in current photographic literature with the advent of this year, there is none, I am sure, which excels the handsome typographical appearance and readableness of your valuable publication, ANTHONY'S BULLETIN. And it is a source of satisfaction to me, as I know it must be to many other amateurs, to see the journal conducted by men well known for their practical scientific attainments, and their desire to furnish information to all classes, especially to the swelling ranks of amateurs, which shall be of a useful and practical character. I think too little attention is paid to illustrations in photographic journals in this country.

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Yours sincerely,

N. E. MAXSON.

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EDITED BY

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Columbia College, New York City.

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THE BULLETIN FOR 1886.

THAT the BULLETIN has proved a success during the past year, our long list of unsolicited testimonials bears ample witness. And we have found it utterly impossible to publish all the good things that have been said of us, owing to the wealth of material always at hand to fill our pages. What is yet more encouraging to us is the large increase in our subscription lists, on which the number of names is now almost double what it was one year ago, and is increasing with every issue of the journal.

We recall with pride the names of some of the contributors to our pages: Prof. C. F. Chandler, Ph. D., Prof. Ogden N. Rood, Dr. A. H. Elliott, Ph. D., Prof. J. M. Eder, Ph. D., Henry J. Newton, E. L. Wilson, Ph. D., L. H. Laudy, Ph. D., Victor Schumann, Prof. Chas. F. Himes, Thos. Bolas, F. C. S., M. Carey Lea, Dr. R. W. Wilcox, F. C. Beach, Dr. John H. Janeway, Prof. Spencer Newberry, A. A. Campbell Swinton, Fred E. Ives, T. C. Roche, E. K. Hough, G. H. Loomis, J. B. Gardner, W. E. Partridge, P. C. Duchochois, J. F. Ryder, David Cooper, Abraham Bogardus, and a host of others. In addition to the contributions from the above gentlemen, we have given our readers clear and accurate reports of the photographic societies, in many cases from the stenographic notes of our own reporters. Our correspondence column has been a source of pleasure to our editors, and has become an important and unrivaled feature of our publication.

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The following Testimonials, all of which were received during the first six months of 1885, show

What People Think of the Bulletin.

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