

ANTHONY'S  
ILLUSTRATED CATALOGUE  
OF  
AMATEUR  
PHOTOGRAPHIC  
EQUIPMENTS.



NEW YORK :  
E. & H. T. ANTHONY & CO., NO. 591 BROADWAY.

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MAY, 1883.



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 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.

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## A 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. 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 knowl-

edge 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 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 long and diligent effort and experience in the preparation of photographic supplies.



Perhaps the latest and best of dry plate requisites yet introduced is our Novel Camera, with its improved plate-holder or shield, (illustrated and described elsewhere), which admits of taking a photograph either horizontally or vertically by simply changing the position of the camera on its bed. And to those who have the inclination and means, and insist on securing productions without rival, we invite attention to the lenses made by Mr. J. H. Dallmeyer, of London, whose fame as an optician is absolutely world-wide and preëminent.

In regard to dry plates, those made by Eastman are unrivalled and possess every essential quality, his Tropicals having the supreme advantage of being the ONLY ONES that can be successfully used in any climate, however hot or humid it might be. Further, a new brand, the SPECIAL, possesses the distinctive feature of far greater sensitiveness, uniformity and reliability than any others made. Plates of lesser rapidity, and better adapted to certain kinds of work, are also made.

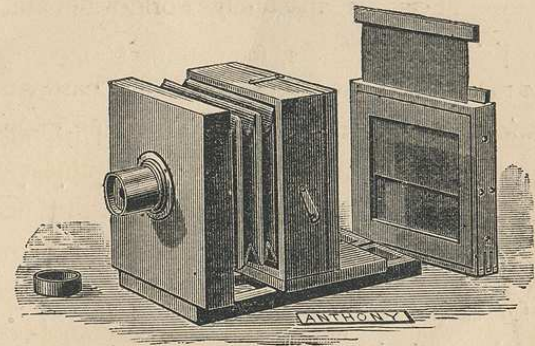


Should a more extended list of photographic materials be desired for purposes not included in the ordinary requirements of the amateur, we shall be pleased to mail our full catalogue.

E. & H. T. ANTHONY & CO.

## ANTHONY'S AMATEUR OUTFITS.

*Description and Prices.*



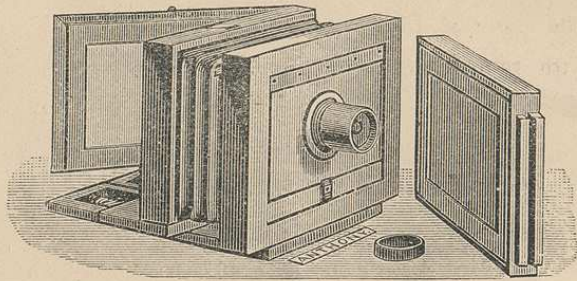
### *Equipment No. 1.*

Ebonized 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, . . . . . \$10 00

If parts only of outfit No. 1 are desired, the prices will be :

Camera, with one double dry plate-holder, . . .	\$6 00
Extra, for each double dry plate-holder, . . .	2 00
Single achromatic lens, . . . . .	3 75
Improved tripod, . . . . .	2 25
Carrying case, . . . . .	75



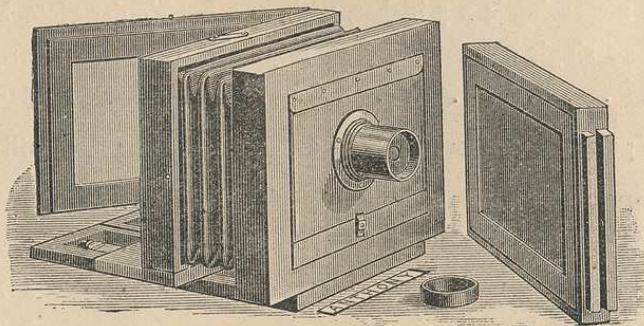


**Equipment No. 1½.**

Ebonized or stained camera, 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, . . . . . \$12 00

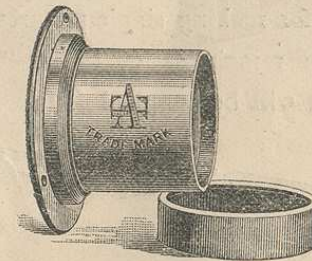
Parts of the above outfit supplied as follows :

- Camera, with one patent double dry plate-holder, \$7 50
- Extra, for each patent double dry plate-holder, 2 25
- Single achromatic lens, . . . . . 4 50
- Improved tripod, . . . . . 2 25
- Carrying case, . . . . . 1 00



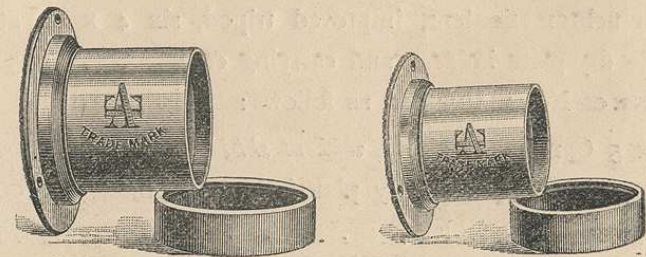
**Equipment No. 2.**

Ebonized 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, . . . . . \$12 00



Parts of the above outfit supplied as follows :

- Camera with one patent double dry plate-holder, \$7 50
- Extra, for each patent double dry plate-holder, 2 25
- Single achromatic lens, . . . . . 4 50
- Improved tripod, . . . . . 2 25
- Carrying case, . . . . . 1 00

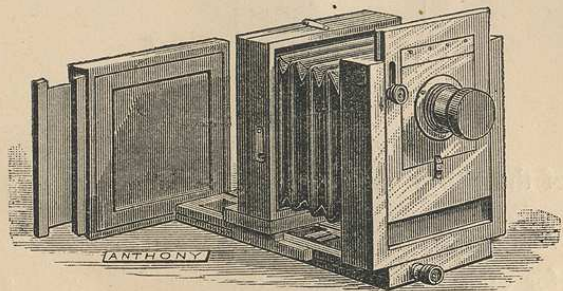


**Equipment No. 3.**



Ebonized 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, . . . . . \$18 50

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 \$15 00.

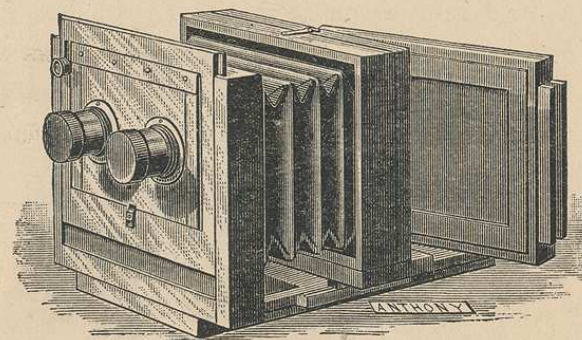


**Equipment No. 4.**

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

Parts of No. 4, supplied as follows:

4 x 5 Camera, as above, <i>without shield</i> , . . .	\$10 00
4 x 5 Patent double dry plate-holders, each,	2 00
Single achromatic lens, . . . . .	3 75
Improved tripod, . . . . .	2 25
Carrying cases, each, . . . . .	75



**Equipment No. 5.**

A 5 x 8 Mahogany Stereoscopic Camera, with rising front, folding bed, rubber bellows, removable ground-glass, focusing screw, extra front board, six 5 x 8 patent double dry plate-holders, improved folding tripod, carrying case and one pair of fine achromatic stereoscopic view lenses, . \$33 00

Parts of No. 5 outfit supplied as follows:

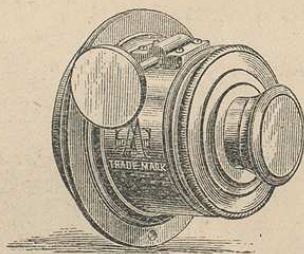
5 x 8 Camera, as described, <i>without shield</i> , . . .	\$12 50
5 x 8 Patent double dry plate-holders, each,	\$2 25
Pair of achromatic stereoscopic lenses, . . . . .	7 50
Improved tripod, . . . . .	2 25
Carrying case, . . . . .	1 00

**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.

Price complete, including the three lenses, . . . \$37 50





### Equipment No. 7.

Ebonized Camera with folding bed, changing front and focussing screw, for making pictures on a  $6\frac{1}{2} \times 8\frac{1}{2}$  plate, including one patent double dry plate-holder, and carrying case. (Lens and tripod not included.) . . . . \$13 50

Extra patent double holders, each, . . . .	\$4 00
Improved folding tripod, . . . . .	2 25
$6\frac{1}{2} \times 8\frac{1}{2}$ E. A. single achromatic lens, with rack movement and diaphragms, . . . .	6 40

### Equipment No. 8.

Ebonized Camera in same style as No. 7, but for pictures on  $8 \times 10$  plate, including one patent double dry plate-holder and carrying case. (Lens and tripod not included.) \$17 00

Extra patent double holders, each, . . . .	\$5 00
Improved folding tripod, . . . . .	2 25
$8 \times 10$ E. A. single achromatic lens, with rack movement and diaphragms, . . . . .	7 60

## Anthony's Novel View Cameras.

PAT. MARCH 28, 1882, AND FEB. 20, 1883.

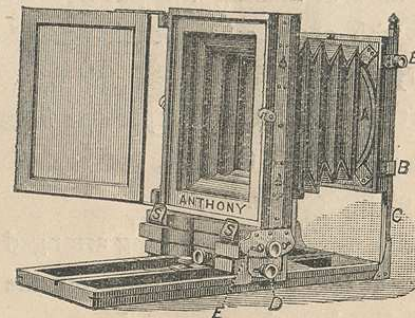


Fig. No. 1.—Camera in position for vertical picture.

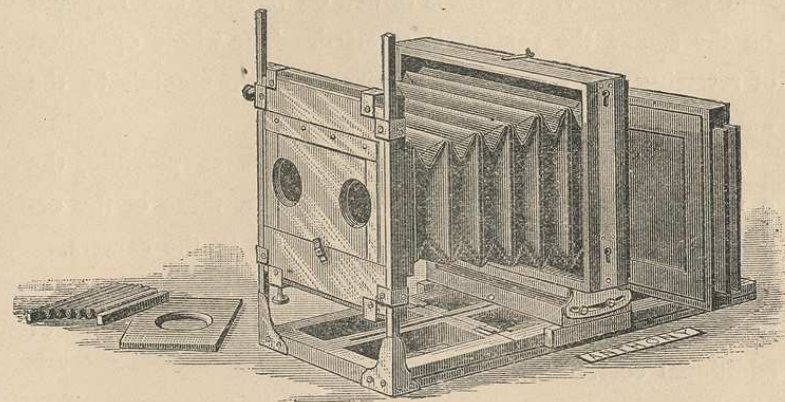


Fig. No. 2.—Camera in position for horizontal picture, showing working of swing back.

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



*Anthony's Novel View Cameras (Continued).*

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 keyhole 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.

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

*Novel Dry Plate Holders (Patented).*

10 x 12, (single,) each, \$5 50	17 x 20, (single,) each, \$12 00
11 x 14, " " 6 75	18 x 22, " " 14 00
14 x 17, " " 10 00	

*Anthony's Novel View Cameras (Continued).*

	PRICES:	Single Swing.	D'ble Sw.
4 x 5, in carrying case, with one perfect double dry plate-holder, . . . . .		\$17 50	
4¼ x 6½, in carrying case, with one perfect double dry plate-holder, . . . . .		20 00	
5 x 8, in carrying case, with one perfect double dry plate-holder, . . . . .		20 00	\$23 00
6½ x 8½, in carrying case, with one perfect double dry plate-holder, . . . . .		25 00	28 00
8 x 10, in carrying case, with one perfect double dry plate-holder, . . . . .		30 00	33 00

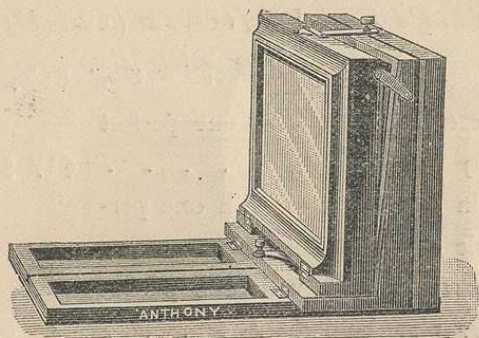
(The three latter sizes have stereo. partition and extra front.)

## Price, without Holder.

10 x 12 S'gle swing, \$30 00	10 x 12 D'ble swing, \$35 00
11 x 14 " 35 00	11 x 14 " 40 00
14 x 17 " 45 00	14 x 17 " 50 00
17 x 20 " 52 50	17 x 20 " 60 00
18 x 22 " 57 50	18 x 22 " 65 00

All sizes above 8 x 10 are used with our Novel Shield, each one of which has two slides, working in the *end* and in the side of shield; therefore the slide can be withdrawn from the side of the shield no matter in what position the camera is placed. These shields are made single, and for dry plates only. Prices of the cameras above 8 x 10 are given without shields, but include the carrying case.





### *Model Stereo. Box.*

The central diaphragm can be removed, the front changed, and with one tube, single views made vertically or horizontally. It has an adjustment for swing-back, hinged ground-glass and folding platform, and, when folded, occupies but little space.

5 x 8 " double holder for dry plate, . . . \$25 00  
Extra double holder for two 5 x 8 dry plates, each, 2 25

### *Anthony's Amateur Albums.*

Made of good quality cardboard and neatly bound.

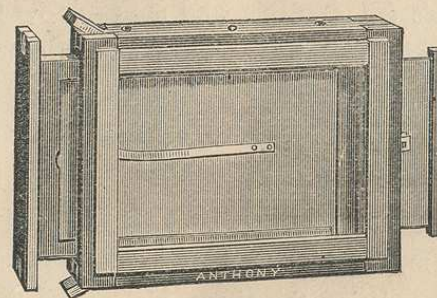
Size, 8 x 10, . . . \$1 50 | Size, 11 x 14, . . . \$3 50

### *Anthony's Anti-frill.*

To prevent frilling of gelatino-bromide negatives when developed with the ferrous oxalate developer. It is not adapted to the alkaline pyro. developers. Prices :

8 ounces, . . . 45 cts. | Quart, . . . \$1 55  
Pint, . . . 80 " | 1/2 Gallon, . . . 3 00

### *Anthony's Patent Perfect Double Dry Plate Holders or Shields.*



We would call special attention to our Patent Dry Plate Shields or Plate-holders. They are so arranged that one or two 4 x 5 plates can be used in a 5 x 8, one or two 4 1/4 x 6 1/2 can be used in a 6 1/2 x 8 1/2, or one or two 5 x 8 in an 8 x 10 plate holder. 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. They are also much more readily managed in the ruby light than any other style, and are guaranteed to be the only perfect plate-holders in the market.

4 x 5, each, . . . \$2 00	6 1/2 x 8 1/2, each, . . . \$4 00
4 1/4 x 6 1/2, " . . . 2 25	8 x 10, " . . . 5 00
5 x 8, " . . . 2 25	

Anthony's Patent Perfect Dry Plate Holders are the only ones with which inside kits or frames for smaller sizes can be used.



**Anthony's Patent Perfect Plate Holders or Shields. (Wet plate Focus.)**

These shields are reversible, and are made for the convenience of those who wish to use them on the same camera as for wet plates, without changing the focus of the ground glass. They fit our regular Success or Climax View Cameras, but not the Dry Plate Cameras.

Light inside frames for smaller sizes of plates can readily be used in them, of which we have a large number constantly in stock. In ordering the above, please give the exact outside measure of your wet plate shield.

Regular sizes supplied as follows :

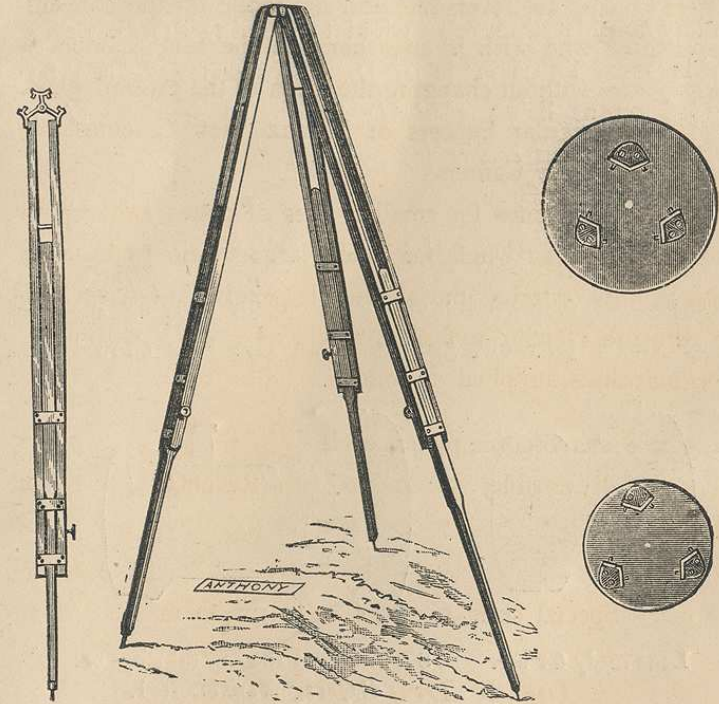
For 5 x 8 stereoscopic plates, each, . . . . .	\$3 75
6½ x 8½ Reversible, \$6 00	11 x 14 Reversible, 11 00
8 x 10 " 7 00	14 x 17 " 15 00
10 x 12 " 9 00	17 x 20 " 17 50

Special sizes, to order, will cost extra.

**Inside Dry Plate Kits.**

SHIELDS.		EACH.
To fit	4 x 5 3¼ x 4¼, . . . . .	\$0 25
"	5 x 8 3¼ x 4¼, 4 x 5, and 4¼ x 5½,	30
"	6½ x 8½ 4 x 5, 5 x 8, 4¼ x 6½, 5 x 7,	30
"	8 x 10 4¼ x 6½, 5 x 7, 5 x 8, 6½ x 8½,	35
"	10 x 12 8 x 10, . . . . .	55
"	11 x 14 8 x 10, 10 x 12, . . . . .	60
"	14 x 17 11 x 14, . . . . .	75

**Tripod or Camera Stand.**



There are several varieties. The telescopic have legs which may be shortened or lengthened separately at will.

Small round wooden top, . . . . .	\$2 25
Large " " . . . . .	2 25
Telescopic, small size, . . . . .	3 50
" large " . . . . .	3 75

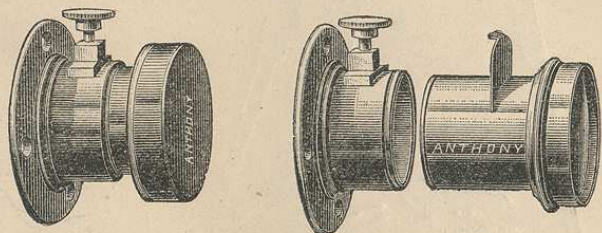


### Finer Quality of Lenses.

Amateurs who aim to excel, and with whom the cost is a secondary consideration, are invited to examine the following list of lenses. Those made by Dallmeyer especially can be depended on as being *absolutely the best in market*. With these the very *finest results* are possible.

#### Anthony's Rapid Dry Plate Lens

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



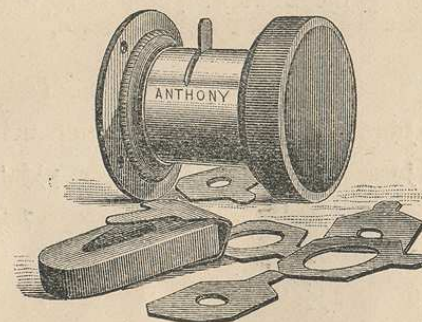
Lens ready for use.

Showing how the central stops or diaphragms are inserted.

focused with the full opening. Price, No. 1 Rapid Lens, for 4 x 5 pictures, \$17 50; No. 2, for 5 x 8 pictures, \$27 50

#### 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 in.,	size of view, 5½ x 5½,	each, \$24 00
B.	“ 7½ “ “	7 x 9, “	33 00
C.	“ 9¾ “ “	10 x 12, “	40 00
D.	“ 11½ “ “	11 x 13, “	48 00
E.	“ 13 “ “	11 x 14, “	58 00
F.	“ 16½ “ “	14 x 17, “	80 00
G.	“ 19½ “ “	17 x 20, “	120 00



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

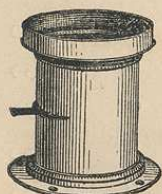
Dallmeyer's Wide-angle Rectilinear Lens, with rotating diaphragms, for views of buildings, etc., in confined situations, where very little distance can be had. An excellent landscape lens of about twice the focal length of the double combination is

\* 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.	\$36 00
IA	8½ x 6½	1¼ "	4 5/8 "	5¼ "	44 00
I	12 x 10	1½ "	6¼ "	7 "	60 00
2	15 x 12	2 "	7½ "	8½ "	84 00
3	18 x 16	2½ "	11 "	13 "	112 00
4	22 x 20	3 "	14 "	15½ "	160 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.
5 x 4 in.	4¼ x 3¼ in.	1 in.	5½ in.	6 in.	\$36 00
7¼ x 4½ "	5 x 4 "	1¼ "	7½ "	8¼ "	44 00
8½ x 6½ "	6 x 5 "	1½ "	10¼ "	11 "	56 00
10 x 8 "	8½ x 6½ "	1¾ "	12¼ "	13 "	72 00
12 x 10 "	10 x 8 "	2 "	15 "	16 "	88 00
15 x 12 "	12 x 10 "	2½ "	18 "	19½ "	120 00
18 x 16 "	15 x 12 "	3 "	23 "	24¾ "	160 00
22 x 20 "	18 x 16 "	3¾ "	28 "	30½ "	216 00
25 x 21 "	22 x 20 "	4 "	31 "	33½ "	256 00

4 x 5 furnished in matched pairs for stereo work.

### 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 75; 5 x 8 and 6½ x 8½, \$2 25. Larger sizes to order.

### Dry Plates and Materials for Making the Negatives.

No. 1. A set of materials for 4 x 5 plates, including two developing trays, oxalate of potash, pure sulphate of iron, non-actinic paper, one dozen Eastman's gelatino-bromide dry plates, etc., etc., \$2 00.

No. 2. A set of materials for 5 x 8 plates, including one dozen 5 x 8 Eastman's gelatino-bromide plates, and all the items necessary to develop and fix them, \$3 00.

### Eastman's Gelatino-bromide Dry Plates.

We would invite attention to the fact that these plates are adapted to every photographic use. Their extreme rapidity renders them particularly desirable for gallery work in taking portraits.

As a consequence of their extreme sensitiveness they are also of especial value for taking interiors. For ordinary land-



scape work they are made of varying degrees of rapidity—rapid, instantaneous and special—to suit the wishes of the purchaser.

In very warm weather, some gelatino-bromide dry plates are apt to “frill” during manipulation. The appearance is like small waves, beginning at the edges of the plate and inclining towards the centre. These are caused by swelling of the gelatine, and show that the water and solutions used are too warm. In warm weather the water into which they are soaked before developing—the washing water, as well as the developer and fixing solution—should be as cold as possible; ice water is not too cold. After the negative has been fixed and washed, if laid in a tray containing a saturated solution of alum in water for a few minutes, and then washed, the frilling will be remedied.

#### EASTMAN'S TROPICAL DRY PLATE.

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.

#### EASTMAN'S SPECIAL DRY PLATE.

These plates are unsurpassed in rapidity, softness and delicacy, uniformity, or in any desirable quality, and can be used for indoor portraiture without a head-rest.

We have constantly on hand as follows:

##### *Eastman's Rapid, Instantaneous, Tropical and Special.*

3¼ x 4¼, per doz.,	\$ 60	10 x 12, per doz.,	\$5 00
4 x 5, “	90	11 x 14, “	6 50
4¼ x 5½, “	1 00	14 x 17, “	10 00
4¼ x 6½, “	1 20	16 x 20, “	16 00
5 x 7, “	1 55	17 x 20, “	17 00
5 x 8, “	1 75	18 x 22, “	20 00
6½ x 8½, “	2 30	20 x 24, “	24 00
8 x 10, “	3 40		

Each box contains full details for exposure and development, and very little practice will enable any one to use them successfully.

#### *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; 6½ x 8½ or 8 x 10, \$1 50.

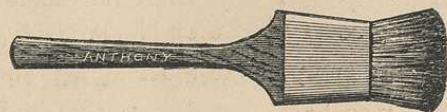


### Anthony's Pure Chemicals.

The chemicals required are simple, and prepared for use by the addition of water only, as per instructions in book on manipulation, which will be given with every outfit. We have quoted prices for everything necessary to accomplish the work successfully. As these chemicals are prepared and tested by ourselves, we furnish only what we know to be suited to the purpose.

Anthony's alkaline solution, 8 oz. bot., 40 cts.; Pint, \$80.	
Oxalate of potash, per pound (bottles extra),	40
Chemically pure iron, " " . . . . .	50
Hyposulphite of soda, " " . . . . .	08
Bromide of potassium, per ounce, . . . . .	10
Oxalic acid, per ounce, . . . . .	10
Non-actinic paper, 11 x 17, per sheet, . . . . .	13
Filtering paper, per dozen sheets, . . . . .	15
Pint glass funnels, each, . . . . .	15
Glass graduates, each, minim 25 cts.; 1 ounce, 20 cts.; 4 ounce, 35 cts.; 8 ounce, 60 cts.	

### Camel's-Hair Blender,



The cut will illustrate it. There are the following sizes :  
 1 inch English, each, 20 cts. | 2 inch English, each, 30 cts.  
 1 1/2 " " " 25 " | 2 1/2 " " " 40 "

### Japanned Iron Developing Trays.



For 4 x 5 plates, . . . . .	\$0 20	For 12 x 15 plates, . . . . .	\$0 75
" 5 x 8 " . . . . .	25	" 15 x 18 " . . . . .	1 00
" 6 1/2 x 8 1/2 " . . . . .	30	" 19 x 22 " . . . . .	2 00
" 8 x 10 " . . . . .	40	" 22 x 26 " . . . . .	2 50
" 10 x 12 " . . . . .	50		

### Anthony's Developing Bottle.

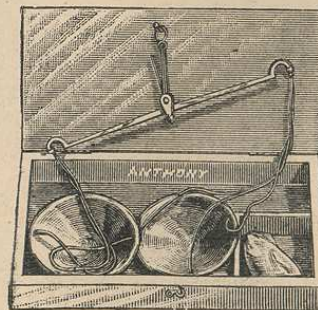
This developing bottle is a great convenience to the amateur or professional photographer, and will soon save its cost in the quantity of developer economized.



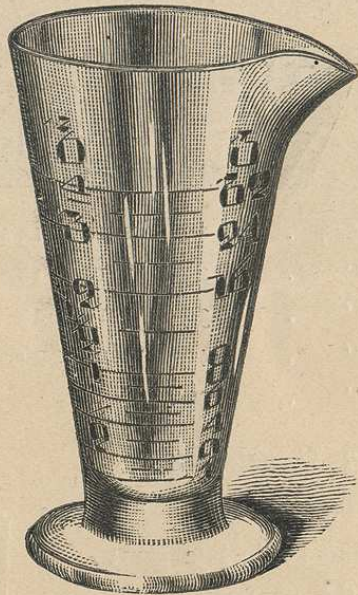
Quarts, . . . . .	\$0 75	1/2 gal., . . . . .	\$1 00	1 gal., . . . . .	\$1 25
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### Scales and Weights.

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 cents.







**Anthony's Superior Graduates.**

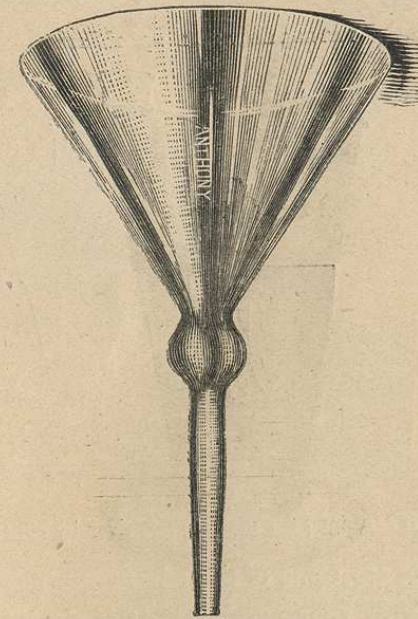
Prices: Minim, 30 cts.; ounce, 25 cts.; 2 ozs., 30 cts.; 3 ozs., 36 cts.; 4 ozs., 42 cts.; 6 ozs., 48 cts.; 8 ozs., 54 cts.; 12 ozs., 72 cts.; 16 ozs., 90 cts.; 24 ozs., \$1 20.

**Ordinary Glass 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.

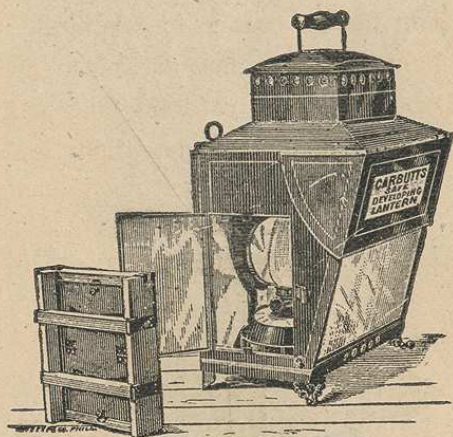
The sizes and prices are as follows:

Pints, each, . . . . .	\$0 50
Quarts, " . . . . .	62
1/2 Gallon, each, . . . . .	1 00



*Carbutt's Multum in Parvo Lantern,*

PATENTED APRIL 25, 1882.

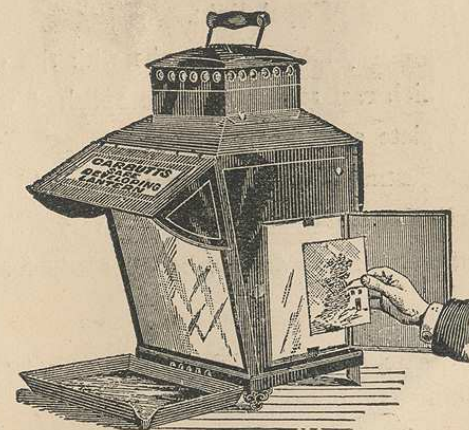


Lantern arranged for making positives by contact.

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.

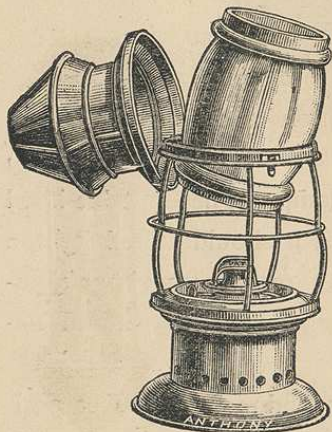
5. A clear transparent light for making positives on glass (gelatino-bromide). This feature is a valuable one; any photographer can materially add to his revenue by making these most beautiful products.

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.

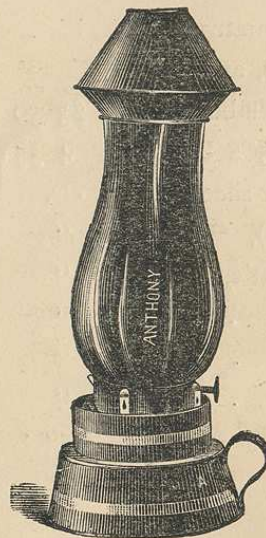
8. By the adjustment of condensers and holder for slides and objective in front of the clear light, a very effective magic lantern is formed. Price \$6 00, boxed ready for shipment.

### *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.



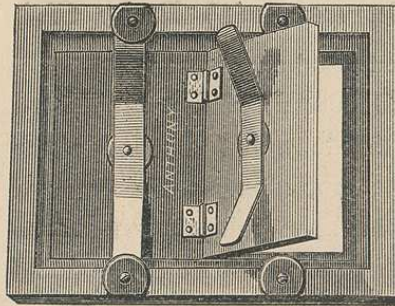


**Printing Outfits.**

- Printing outfit A. A complete set of apparatus, sensitized paper sufficient for 48 4 x 5 prints, and chemicals enough for several times that number, . . . \$3 50
- Printing outfit B. A complete set for 5 x 8 size, . . . 4 35
- Sensitized alb. paper, white or pink, per sheet, . . . 25 cts.
- Blue litmus paper, (for testing acidity), . . . 5 "
- Chloride of gold and sodium, per bottle, . . . 45 "
- Bicarbonate of soda, per lb., . . . . . 12 "
- Acetate of soda, per ounce in bottle, . . . 10 "
- Hyposulphite of soda, per lb. in bulk, . . . 08 "

Full instructions accompany the above paper, and if followed, there need be no failures.

**Printing Frames.**



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

- |                                 |                             |
|---------------------------------|-----------------------------|
| Size, 4 x 5, each, . . . \$0 45 | Size, 6½ x 8½, each, \$0 65 |
| " 5 x 8, " . . . 60             | " 8 x 10, . . . 75          |

**Anthony's Patent Rapid Printing Paper.**

*Requires Neither Toning nor Sunlight.*

As this paper possesses all the sensitiveness of the gelatine dry plate, it must always be used in a room free from actinic light. Under a negative exposed at the distance of one foot from a single gas jet it will be sufficiently printed in five to ten seconds. The Rapid Printing Paper is admirable for enlargements, and takes ink and colors perfectly, while the tint of the print is exactly suited for crayon work. The prints can be *glaced* with great ease.

GLOSSY.

In rolls of five sheets, measuring 12½ x 19 inches, extra heavy, Glossy, . . . . . \$1 75

PLAIN.

Per roll of five sheets, measuring 11 x 18 inches,	1 50
" one " " 29½ x 393 "	18 00
" " " " 29½ x 196 "	9 00

**Sensitized Albumen Paper.**

We furnish this in non-actinic envelopes, each containing twenty-two sheets measuring 4½ x 7½ inches. Price, per package, 60 cents.

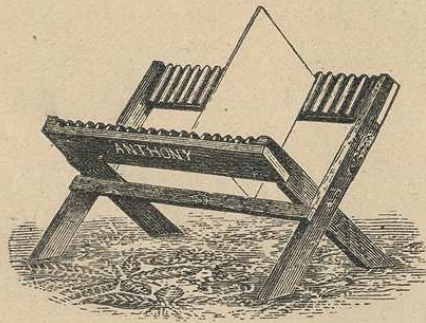


**Negative Boxes.**

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.

**Photographic Instructions.**

For this purpose we refer our readers to our new Manual for Amateurs. It is handsomely illustrated, and far more valuable than any heretofore issued, most of the practical part being written by the well-known veteran photographer Mr. T. C. Roche, and edited by Mr. H. T. Anthony. It is having a rapid sale.

The price of the book is 50 cents per copy in paper; cloth, 75 cents.

**Amateurs' Card Stock.**

## PLAIN CARDBOARD.

No. 2.	9 x 11	per 100,	. . . . .	\$1 70
" 2.	6½ x 8½	"	. . . . .	1 00

## PLAIN CARDBOARD WITH PLAIN GILT SQUARE BORDERS.

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

## PLAIN CARDBOARD WITH BORDER, FORM F.

No. 2.	10 x 12,	opening 6 x 8,	per 100,	. . . . .	\$3 75
" 2.	9 x 11,	" 5 x 8,	"	. . . . .	2 95
" 2.	6½ x 8½,	" 4 x 5,	"	. . . . .	2 25

## BLACK CARDBOARD.

No. 13.	Imperial 6⅞ x 9⅞,	per 100,	. . . . .	\$4 30
" 13.	" 6½ x 8½,	"	. . . . .	3 80

## CARD AND CABINET MOUNTS.

No. 5.	Round Corner Card Mounts,	per 1,000,	. . . . .	\$3 75
" 5.	" Cabinet "	"	. . . . .	8 50

## BLACK CARDBOARD WITH GILT BEVELLED EDGES.

No. 43.	Card size,	per 1,000,	. . . . .	\$11 00
" 43.	Cabinet size,	per 1,000,	. . . . .	21 50
" 26.	Panel 4 x 8¼,	"	. . . . .	32 00

## STEREOSCOPIC MOUNTS, No. 5, per 1,000.

3½ x 7,	\$7 00;	4 x 7,	\$7 88;	4¼ x 7,	\$8 25;	4½ x 7,	\$9 13;	5 x 8 inches,	\$13 00.
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**Materials for Mounting.**

Gum royal, ready for use, per quart, . . . .	\$0 50
“ “ “ “ pint, . . . .	25
Flat bristle paste brush, 1 inch wide, . . . .	15
100 Carte de visite mounts, fine quality, . . . .	30
50 Cabinet mounts, fine quality, . . . .	38
8 x 10 White cardboard, fine quality, per doz. . . .	25
Glass pattern for trimming cartes de visite, . . . .	25
“ “ cabinets, . . . .	50

Any size can be had to order.

**Blue Paper.**

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.

Price, per sheet, 18 x 22, . . . . .	\$0 15
Two sheets, . . . . .	25



LPI175