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back to my "Orphancameras" manuals /flash and light meter site

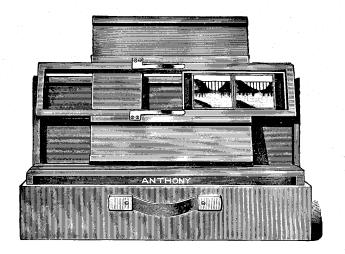
Only one "donation" needed per manual, not per multiple section of a manual!

The large manuals are split only for easy download size.

in their place a regular camera back is buttoned on. This is provided with a double dry plate holder, 8 x 10, which is slid into position under the ground glass, as shown in the cut. For ordinary work up to 8 x 10 in the gallery this is as good as any camera made.

Magic Lantern Attachment

For the Cooper Lantern.

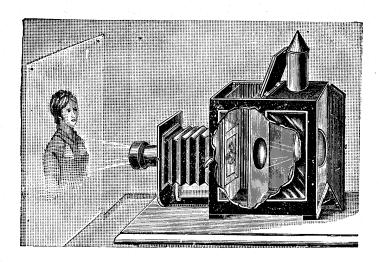


THE ABOVE CUT represents the attachments which may be used with the Cooper Lantern for the exhibition of slides of views or scientific subjects, and makes the apparatus complete and specially suited to the use of schools, colleges and societies.

Consists of frame, 6 carriers and box.

Price, \$7.50.

Anthony's Improved Enlarging Lantern.



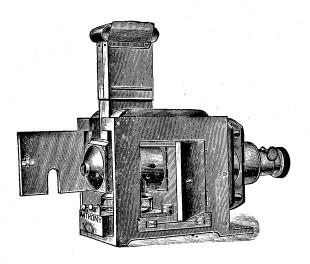
THE great merit of this enlarging lantern is its simplicity of construction, economy, and practical usefulness.

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. It is provided with non-actinic glass panels in the sides of the lantern. It can also be used as a copying camera for making lantern transparencies.

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

Anthony's Triplexicon Magic Lantern.

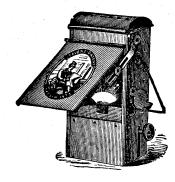


WE have seen many lanterns in our time, but in several respects this eclipses them all, and especially those for use with kerosene oil only. The lamp itself is completely shielded with a well made hood of Russia iron, and is provided with the patent triplex wick, which affords the utmost illumination obtainable with any oil light. The back and front of the hood are closed interiorally by glass plates, specially annealed to withstand extreme heat, and the rear one is again closed by perforated sheet iron, covered interiorally 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 closely.

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.

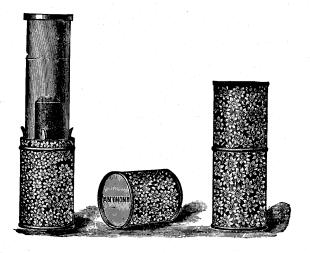
Altogether, this is the finest example of its kind we have yet seen. It will also serve admirably for enlargements with the gelatino-bromide paper. It is destined to become very popular. Price, \$35.00.



E. A. Pocket Ruby Lantern.

SED when putting dry plates into the holders, and also when developing them. Price, each, 60 cents.

The Tisdell Candle Ruby Light.



THE accompanying cut represents the Tisdell Candle Ruby Light for developing the most sensitive gelatine dry plates. 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 has 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 $6\frac{3}{4} \times 2\frac{1}{2}$ inches, and its weight only twelve ounces.



Oil Lamp with Ruby Chimney.

THE accompanying cut represents an 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.
Extra 1	Ruby	Chi	nney	s, .	.90 ''

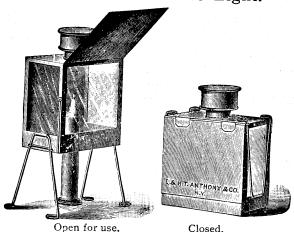
Anthony's Dry Plate Lantern

AS separable parts, and all are easily and quickly adjusted. There are no hinges to become dislocated nor arm holes to wear out. 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 Extra Ruby Chimneys, 60 cents each.



The H. W. G. Candle Light.



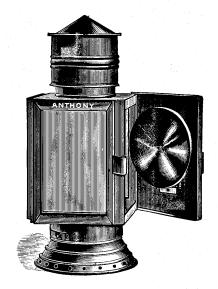
THE FRAMEWORK about this candle is covered with both orange and ruby fabric, the combination making a safe and efficient light for the dark room and one which is agreeable to the eyes. It has no glass to break.

Anthony's Climax Dark Room Lantern.

(Patented.)

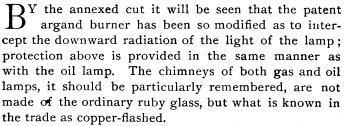
I T has three large illuminating surfaces and reflector. The glass is of the correct non-actinic hue. It is perfectly safe, and by all odds the most comfortable kerosene lantern to work by yet seen.

Price, . . . \$2.00.



Gas Burner with Ruby Chimney.

For Attachment to any Ordinary Gas Bracket.



Price of the ruby gas burner and chimney, \$2.50.

Extra ruby chimneys, 30 cents each.

These burners are also manufactured on metal stands with a connection for rubber hose, by which they may be used at any distance from the gas bracket. Price of stand extra, 50 cents.



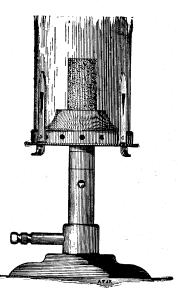


The Aladdin Dark Room Lamp.

Patent Applied For.

THIS lamp is made for use with gas and may be fitted over any ordinary burner, or if preferred, may be had with iron base for use on the table in connection with rubber tubing.

It is fitted with a wick and nonactinic glass chimney which together give a beautiful yellow



light for dark room use, which is perfectly safe, without smoke or odor, more brilliant than the ordinary ruby light and both pleasant and restful to the eyes.

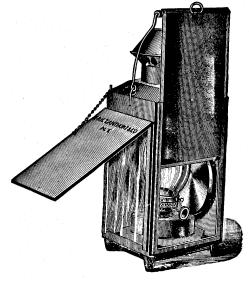
Price, including nonactinic amber chimney, extra brass tip and box of chemical wicks in wooden box complete, \$3.50. Extra chemical wicks sufficient for one thousand hours' lighting, per box, 35c. Extra nonactinic amber chimneys, each, 30c.

In ordering please specify whether bracket or table lamp is desired.

Anthony's Helios Dark Room Lantern.

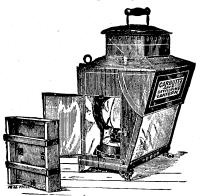
HIS is a new lantern for the dark room for those who desire more light than can be had from the ruby lamp. This lantern or lamp will be found to be all that can be desired. The draught is as perfect as can be. It has a glass 61/2 x 81/2 inches, with a burner capable of great volume of light when desired. intended to fill a want long expressed by many, for a good dark room lantern at a reasonable price.

Price, . . . \$4.00



Carbutt's Multum in Parvo Lantern.

Patented April 25, 1882.

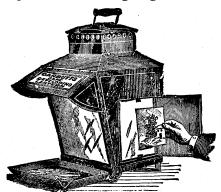


Lantern arranged for making positives by contact.

THE following are some of the advantages possessed by this Lantern: It saves your eyesight. It is simple and easy to manage, is not 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 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:

First.—A safe light for the preparation of gelatino-bromide emulsion. Second.—A safe light for the coating of gelatino-bromide plates.



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

Third.—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 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.

Fourth.—An opal light by which to examine negatives or positives after fixing, enabling the operator to judge of their quality, thereby avoiding the necessity of leaving the dark room in search of white light.

Fifth.—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.

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

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

Eighth.—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, boxed ready for shipment.

Japanned Iron Developing Trays.



For	4	\mathbf{x}	5	plates,		\$0.20	For	IIX	4 plates,				\$0.60
"	5	x	8	"		.25	61	14 X	17 ''	•		•	1.00
"	61	x	8 <u>i</u>	. "		.30		18 x 2	22 ''				2,06
44	8	x	10			.40	"	20 X 2	24 ''				2.56
46	TO	v	т2	4.6		.50	i						

Celluloid Developing Trays.

HESE trays are of exceedingly light material and very tough and strong. They may be dropped or thrown upon the floor without



injury, and their rounded corners render them very easy to work with. Another great advantage which they possess, is, that they are made in three distinct colors, and may thus be readily distinguished in the dark room.

They are made in four sizes only, as follows:

	,		
For Plates.	Price. For I	lates.	Price.
4 x 5	\$5 50 64 x	8 !	-\$ 0 85
5 x 8	72 8 x	IO	. 1 15

Economy Rubber Tray.



A S will be seen by the cut, the glass negative lies flat on the bottom of the tray, necessitating the least possible quantity of developer, and the depressed channel in bottom of tray is sufficiently deep to allow the finger or plate-lifter to engage firmly underneath the plate and remove it without risk of scratching. They are of polished hard rubber.

No.	2,	3:	1 x 4	1 ,	each,				\$0.28	No.	4,	$5\frac{1}{2}$	x	8 <u>1</u> ,	each,		\$0.56
"	3,	4	x 5	<u>3</u> ,					.28	"	5,	7	\mathbf{x}	9,	"	•	.72
						No	o. 6,	$8\frac{1}{2}$ x	$10\frac{1}{2}$, each	,					1.08		

Ebonite Tray.

I T 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 3\frac{1}{4} x	4¼ pla	te, e	ach,		\$0.24
"	2, ½ and 4	x 5 '	1	"		28
"	3, $4\frac{1}{4} \times 6\frac{1}{2}$	•	•	"		40
"	4, 5 x 7 an	d 5 x 8	pla	te, e	ach,	56
"	5, $6\frac{1}{2} \times 8\frac{1}{2}$	plate,	each	,		72
44	6, 8 x 10	"	"			1.08
"	7, 10 x 12	"	"			1.56
"	8, 11 x 14	"	"			2.40

Papier Maché Trays.

A RECENT importation of our own, of superior quality, and at reduced prices. These goods are very durable, light in weight and deep. They are black in color, and in general appearance not unlike the hard rubber tray.



No.					Each.	No.						Each
ſ.	3½ x 4½,	•			\$0.25	8.	$14\frac{8}{4} \times 18\frac{1}{4}$,			•		\$2. 85
2.	41 x 51,	•			.30	9.	16 x 20,	•	•	•	•	3.35
3.	5½ x 8½,				• 5 5	IO.	19 x 24,	•	•	•		5.75
4.	7 × 9				.70	II.	23 x 27,	•	. •	•	•	6.75
5.	8½ x 10½,	•			1.05	12.	26 x 30,	•	•	•		7 .75
6.	10½ x 12½,		•		1.65	13.	28 x 34,		• `	•		8.75
7.	12 X 14 ⁸ 4,			•	2,10							

Amber Glass Trays.



Porcelain Developing Trays.

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

5 x 7,		Shallow.	Deep. \$0.62	8 x 10,	•	•	Shallow. \$0.82	D еер. \$1.00
$5\frac{1}{2} \times 8\frac{1}{2}$.60	-	IO X 12,			1.32	1.66
7 x 9,		.66	.82					

Non-Actinic Porcelain Trays.

THESE TRAYS, being made of porcelain, of a dark brown color, are very durable, and owing to their non-actinic property, are considered by many to be far superior to the ordinary white porcelain ware for developing purposes.

5	ize	s.										Deep.	Shallow.
6	x	8	for	5	x	7	plates,				each	\$0.56	\$ 0.40
5 1	x	8 1	"	5	x	8	"		•		"	.75	.60
7 ½	x	9 1	"	6 1	x	8 1	"		•		"	.80	.65
10	x	12	"	8	x	10	or 10 x	12	plates,			1.50	1.20
ΙI	x	$14\frac{1}{2}$	"	11	x	14	plates,				"	2.40	2.00
14	x	171	"	14	x	17	" "					6.00	4.60
15	x	19	"	14	x	17	or 14 x	18	plates,			7.00	5.50

Climax Trays, for Developing Large Bromide Prints.

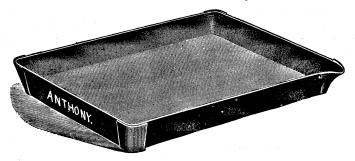


H AVING succeeded in producing the Cooper Enlarging Lantern at a very low rate, to use in making the print, we now offer the

above article for use in developing and fixing the same. We guarantee it for the purpose specified, and can furnish the following sizes, viz.:

15 x 19, each,					\$3.00	26 x 32, each,					\$6.00
19 x 24, "			•		4.00	31 x 42, "					10,00
21 x 25, ("			. •		5.00	31 x 64, "		•	•	•	14.00
23 x 29, "	•	•	•	•	5.50	45 x 64, "	•	•	•	•	18.00

Hard Rubber Trays.



Original and Genuine Hard Rubber.

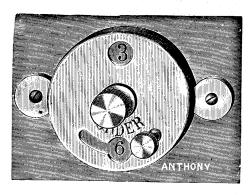
THESE goods, so long and favorably known to the profession, and which have met with universal approval, are now offered at the following reduced prices:

4½ x 5½,	each.	_	_	_	\$0.50	ĺ						
5 x 7	"	•			.60							
$5\frac{1}{2} \times 8\frac{1}{2}$	"				.72			Extr	a Deep			
7 x 9,	"			•	.85							
8½ x 10½,	"				1.15	10 x 12,	each,	•		•	٠.	\$ 3. 2 5
104 X 124,	4.6				1.80	12 x 16,	"			•		4.50
12 x 16,	"			•	2.50	15 x 18,	* *	•				5.75
15 x 18,	••			•	4.10	18 x 22,				• .	. •	7.50
18 x 22,	"				5-35	19 x 24,	"					8.25
21 x 26,	"				7.50	21 x 26,	"					10.00

Glass Patterns.

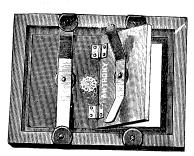
Carte de Visite-Oval, Arch or R. C., ea	ach,	•	٠.	•	\$0.2 5
Stereo. Cards—Square or Arch, '	. 6				.40
Victoria Cards-Oval, Arch or R. C., '					.40
Imperial Cards— " " "	•				.50
4 x 5,		•			.50
5 x 3,					1.00
$6\frac{1}{2} \times 8\frac{1}{2}$, Oval or Square,					1.25
7 x 9, "					1.50
8 x 10, "					2.00

Allderige's Compound Printing Register.



THIS neat article can be readily attached to the door of any printing frame, and has two dials, one of which shows how many prints are to be made from the negative, and as each one is removed, it is recorded on the other dial. By this means the count can always be kept correctly. They are all nickel plated, and the cut shows the exact size.

Improved Printing Frames.



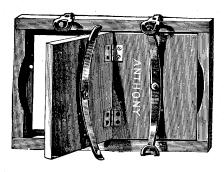


UR PRINTING FRAMES are now provided, in all sizes, with the new tally without addition to price. As will be seen from the cut, the numerical wheel is revolved, being held firmly in position by a spring. These printing frames are made of cherry, with superior brass springs, constructed on the most scientific principles. The springs are riveted to the backs and a brass washer is placed under the spring to prevent abrasion of the wood in turning it.

For Plates.						For Plates.		-			
$3\frac{1}{4} \times 4\frac{1}{4}$, each,	•				. 36с.	5 x 7, each,		•	. •		50 c.
4 x 5, "	•	•	•	•	. 38c.	5 x 8, "		•			52C.
4½ x 5½, "		•		•		$6\frac{1}{2}$ x $8\frac{1}{2}$, "		•			6oc.
$4\frac{1}{4} \times 6\frac{1}{2}$, "		•	۰	•	. 42c.	8 x 10, "	•			-	75C.

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.

For Plates.				For Pl	ates.				
31 x 41 each,			45c.	5 x 7,	each,				6oc.
4 x 5, "			45c.	5 x 8,	"				6oc.
$4\frac{1}{4} \times 5\frac{1}{2}$, "				$6\frac{1}{2} \times 8\frac{1}{2}$			•		65c.
$4\frac{1}{2} \times 6\frac{1}{2}$, "	•		55c.	8 x 10	, "				75c.

No larger sizes made of this style.

Anthony's Hydrochinone Developer.

(Ready for use.)

THE excellent qualities of this article, and its convenience for use, are possessed by no other ready prepared developer in the market.

For use, it is simply poured into the tray, and when development is finished, may be filtered and returned to the bottle. This can be repeated many times. It yields a negative of fine printing color, and with out fog. Full directions accompany each bottle.

Dr. H. W. Vogel, of Germany, writes in the highest terms of Hydro-kinone as a developer, praising particularly its advantages for negatives of widely differing relative exposures.

Price, per	eight ounce	bott	le,					•	30 cts.
"	pint bottle,				•	•	•		55 ''

Newton's Giant Developer.

For Gallery or Out-door Work.

THIS NEW DEVELOPER, introduced by Prof. Henry J. Newton, is unlike any similar agent, inasmuch as it works from the first, until all used up, with full vigor and does not slow up after developing a few plates as most developers are apt to do.

The "Giant" produces negatives with the greatest brilliancy, clear shadows and a splendid, quick printing color.

It is admirably adapted to general work, yielding the most brilliant negatives, transparencies, or bromide prints. Perfect freedom from stain with rapidity of action, and a very strong tendency to do what is most desired of a developer, i. e., continue its action until the development is completed, combine to make it just what is required for the photographer, either professional or amateur.

Put up in eight ounce bottles, price,			•	30 cts.
Sixteen ounce bottles,				55 "

Full directions with each bottle.

No preparation or dilution is required. It is sold ready for use.

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. 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 commend 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 underexposed 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 cts.

Ferrous Oxalate Developer.

Ready for Use.

POR dry plate development, and specially adapted for developing Anthony's Reliable Bromide Paper.

Price per package (two bottles), 50 cents.

Cooper's Concentrated Developer.

THIS DEVELOPER is from another formula put up in concentrated form, which also produces beautiful negatives and allows very considerable latitude of exposure; it never becomes muddy and can be used repeatedly with fine effect, over-exposed plates producing better results if developed in old developer than new. 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.

Stanley's Concentrated Developer.



In PACKAGE containing 16 ounces Concentrated Developer, in 8-ounce bottles, one having the pyrogallic solution, the other the alkali, thus enabling the operator to proportion them as desired.

The contents of each bottle are in highly concentrated form and require merely the addition of water to reduce to normal strength.

Price, per package, . . 50 cts.

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Anthony's Climax Developer.

For Dry Plates and Films.

HIS Developer possess every good quality that can be desired. It is very effective and yields negatives of great brilliancy, combined with softness, bringing out the finest details. Being in concentrated form, it merely requires the addition of water and Bro. Potass. In this diluted form, it can be used several times before being exhausted. It will not stain the negatives, and any degree of intensity can be produced. It is equally good for instantaneous or time exposures. Full directions accompany each bottle.

8 ounce Bottles _____each, 30 cents.

Anthony's Eikonogen Developer

Is manufactured from the most powerful developing agent known, and its results are of a beautiful bluish black color, which renders it easy to judge of the quality of the negative. By its use, the time of exposure may be made considerably less than with any developer now in use, and the resultant negative will be found to be full of detail, with the high lights crisp and brilliant.

It is prepared in solution ready for use, and its keeping qualities are excellent. It may be used several times over, and for all but very much under exposed plates, old developer is better than new.

Price, per 8 oz. Bottle-----55 cents. | Price, per 16 oz. Bottle-----55 cents.

Acid Sulphite of Soda.

Is especially adapted to use in the fixing bath, rendering it acid and very considerably reducing the time required for fixing; it also gives exceptionally clear and stainless negatives.

Acid Sulphite may also be used as a preservative of pyro, hydroquinone or eikonogen in developers, but not in those developers which contain all the ingredients in one bottle. Where used in this way it entirely replaces the use of ordinary sulphite of soda in the two solution developer.

Price, per pint Bottle-----40 cents.

Anthony's Improved Concentrated Hydroquinone Developer,

A HIGHLY concentrated form of the above developer, which is put up in 2-ounce bottles, and ready for instant use by the addition of 6 oz. of water.

Price, per Bottle______30 cents.

Anthony's Pure Chemical Tablets.

Something New and Practicable.



POR convenience in the compounding of developers, we have prepared the following chemicals in the form of tablets, each tablet containing a specified number of grains. We believe that they will be found very valuable, particularly among amateurs, who, by their use, will be enabled to dispense entirely with the troublesome method of weighing for each formula. We put them on the market with confidence that they will fill a long felt want.

PRICE PER BOTTLE.													
½ oz. Hydrochinon,	(abo	ut 54, 4	grain	Tablets),	•			\$0.50					
½ " Pyrogallic Acid,	"	47, 5	"	"	•			40					
I " Carb. Potass.,	"	87, 5	64	"				20					
I " Sulphite Soda,	"	87, 5	"	"				20					
I " Carb. "	"	87, 5	"					20					
$\frac{1}{2}$ "Bromide Potass.,	"	106, 2	"	**				20					

Anthony's Compound Toning Tablets.

 Γ OR convenience in toning silver prints these tablets will be found unequaled. One tablet dissolved in 7 oz. water and combined with $\frac{1}{2}$ oz. of ordinary gold solution makes a toning bath which will produce beautiful prints and save the operator much time in preparation.

24 Tablets in bottle, 25c. per bottle.

Anthony's Compound Toning Powders.

SAVE TIME and hence money. The solution is made ready in a few moments, and can be used by anyone. Try them and you will continue to use them. They are put up in

\$0.15					rs, price,	Powder	of 12	Boxes
25					"	"	" 24	"
40					"	6.6	" 48	"

DIRECTIONS FOR USING.—Dissolve one bottle of Anthony's Dry Gold in $7\frac{1}{2}$ ounces of pure water.

To Use.—Dissolve one of the packages of toning powder in 7 ounces of lukewarm water, and add I ounce of the gold solution. As the prints exhaust the solution add more of the gold and powder.

This is an article of real merit, as those using will testify.

Patent Metallic Protecting Cases.

With Ground Stopple Bottle and Graduated Tumbler 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, $1\frac{5}{8}$ in.; length, $3\frac{1}{2}$ in.; weight, $4\frac{1}{2}$ oz., furnished with 1 oz. bottle, each,	\$ 0.5 0
No. 3A. Diameter, 2 in.; length, $5\frac{1}{2}$ in.; weight, $7\frac{3}{4}$	
oz., furnished with 4 oz. bottle, with tumbler,	
making $\frac{1}{4}$ pint flask, each,	85
No. 4A. Diameter, 2½ in.; length, 7 in.; weight, 14	
oz., furnished with 8 oz. bottle, with tumbler,	
making $\frac{1}{2}$ pint flask, each,	1.10
No. 13A. Diameter, $2\frac{7}{8}$ in.; length, 6 in.; weight,	
17 oz., furnished with 8 oz. bottle, with tumbler,	
making 1 pint flask, each,	1.20

Anthony's Developing Bottle.

For Oxalate Developer.

THIS DEVELOPING BOTTLE is a great convenience to the amateur or professional photographer. It is provided with a rubber tube by which the developer is drawn from the bottom of the bottle as required. A thin layer of oil on the surface prevents chemical action from contact with the air. It will soon save its cost in the quantity of developer economized.

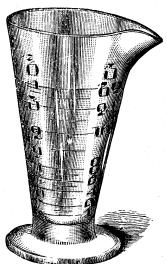
ANTHONY

Anthony's Superior Molded Graduates.

Warranted Accurate.

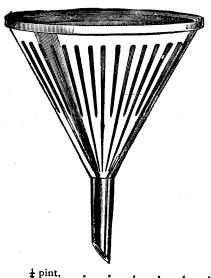
OMPLAINT is frequently made of the ordinary glass graduate that it is not accurate, and sometimes one marked 16 oz. will show a variation of 1 oz. either way.

The Anthony Molded Graduate, however, can be depended on *every time* to be thoroughly accurate in its markings and to hold full measure as indicated by scale marked on each. They are all manufactured at the same place and by skillful workmen, and are guaranteed.



M	inim, e	ach	, .						٠.		\$0.20
2	dram,	"								•	.25
1/2	ounce,	"									.20
I		"									.20
2	"	"									.20
3	"	"		٠.							.25
4	"	"									.30
6	"	"									•35
8	"	"							•		•45
12	4.6	"								•	.60
16	"	"				•			•	•	-75
24	"	"						•		•	1.00
32	"	"					•				1.25

The Patent Fluted Funnel and Filter.



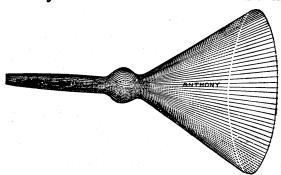
THESE are the latest and best glass funnels ever made. They are very strong; are made in molds; have solid glass ribs on the inside, running vertically as shown in cut, thus forming passages through which the solution descends freely after passing through the paper, and accomplishing the filtration in a fraction of the time heretofore required. Another advantage of this funnel is that the outside of the neck is fluted and the lower end beveled, so as to prevent choking up in the neck of the bottle, and overflowing.

‡ pint,	•	•	•	•	•			•				Each, \$0.12
i "	•	•	•	•	•		•	•	•	•		" .15
I "	•	•	•		•	•		•	•	•		.20
ı quart,	•											" .30
2 "	•	•				•	•	•	, •	•	•	"· ·45

Glass Funnels.

pint,	•	•	•	•	•	\$0.12	2 quarts,	•	•		\$0.25
							ı gallon,				.50
ı quart,	•	•		•		.20	2 gallons,				.75

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

Glass Stirring Rods.

8 inch, each, .	•	· ·	•	\$0.10	15 inch, each, .	•		\$0.20
12 " " .				.15	18 " " .			.25

Both ends are glazed finished.

U. S. Photo Clip.

The latest and cheapest serviceable Photo Clip in the market.

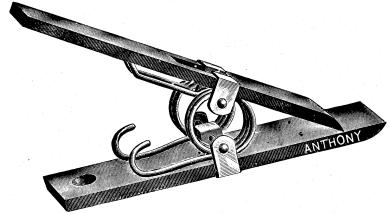


THIS CLIP is exceedingly strong, being made of hard wood, with heavy wire springs, and is provided with a hook. The quality of stock employed in its construction is of the best, and the price lower than for any other article of its kind.

Price per gross,		•	\$2.50
Price per dozen,		•	25

Allderige's Adjustable Photo Clip.

(Patented.)



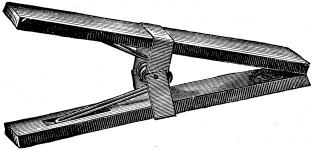
THE ILLUSTRATION shows the clip with one end extended.

This article, from its form of construction, is much more durable

than any other adjustable clip in market. The change from long to short clip is effected in an instant, and there is nothing about it to break or get out of order. The cut represents the exact size.

Price, per dozen _____25 cents | Price, per gross _____\$2.50

Lockwood's Patent Photo Clips.



THESE are the most desirable articles of their class to be found in the market, being substantially made in the best manner, and the fact that they never break or give way in any particular must recommend them to all. The springs are made of first quality brass wire, and the wood is very hard and durable. They are made in two sizes and various styles, as follows, the cut showing the exact size of the large clip:

											Full Gross.	Per Doz. Cents.
No.	15 A	Small,	2½ in	ches,	plain	, cha	mfer	ed,	. •		\$4.80	45
"	15 B	"		"	with	hook	. "		•		5.50	50
"	15	. "		"		"	and	hole	cham	fer e d	, 6.00	5 5
44	1	Large,	plain	,							6.00	55
4.6	14	• •	with	hook	,						6.8o	60
46	17	"	"	hole	cham	fered	,			•	7.00	65
"	18	4.6		hook	and	hole	chan	nfere	i,		7.20	70

The Bradfisch Aristotype Paper.

THIS PAPER is unequaled by any other in the market for quickness of printing, for bringing out the finer details of a negative, and for brilliancy and depth of tone.

It may be finished with either a flat or glacé surface and may be toned in several shades of color. Its keeping qualities are excellent and the results obtained with it are unsurpassed. The toning and fixing may be done in a combined bath thus necessitating but one operation.

Size. Per Do $3\frac{1}{4} \times 4\frac{1}{4}$	oz, Size, Per Doz,
4 x 5	$6\frac{1}{2} \times 8\frac{1}{2}$
$3\frac{7}{8} \times 5\frac{1}{2}$ (cabinets trimmed)	30 8 x 10
	10 20 x 24 per sheet40