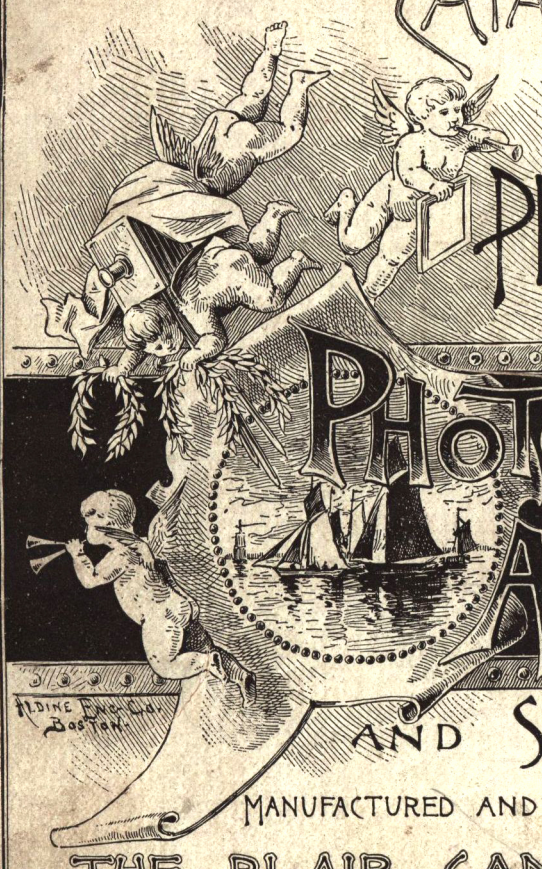


ILLUSTRATED CATALOGUE

AND

PRICE LIST OF



PHOTOGRAPHIC APPARATUS

AND SUPPLIES

MANUFACTURED AND SOLD BY

THE BLAIR CAMERA CO.

— SECTION A —

FACTORY AND HOME OFFICE

471 - 473 - 475 - 477 TREMONT ST.

BOSTON · MASS ·

WAREROOMS

208 STATE STREET
CHICAGO ILL.

918 ARCH STREET
PHILADELPHIA · PA.

1889

THIS EDITION REPRESENTS SECTION "A" ONLY.



ONE of the long-standing rules in our Catalogue department has been to condense when possible without narrowing our usefulness, as we are unable to see the wisdom of consolidating into a catalogue for the use of Photographers (Professional or Amateur) hundreds of articles which the Photographer never uses or buys, simply to be able to make the boast, "We issue the largest catalogue published."

We feel confident that we have unsurpassed facilities for catering to the wants of the Photographic trade, having our own warerooms in Philadelphia and Chicago (the former a great distributing point for the South and South-west, and the latter for the West and North-west), while having a large jobbing trade, and agencies and connections which warrant us in manufacturing or ordering in large quantities, thus enabling us to turn our goods quickly and at a small margin of profit.

The coming season we are determined to make prominent in the history of our Company, and our patrons will reap the benefit of our ambition for new trade, as all will be served alike.

The Seventh edition of our complete Catalogue will be found arranged in three sections,—Section A, Section B, Section C,—classified as follows:—

Section A comprises goods of our manufacture, or those controlled by us, only.

Section B comprises goods kept in stock, or sold by us, not of our manufacture.

Section C comprises classified outfits and equipments made up from Sections A and B. This section is especially designed for the Amateur's assistance in selecting an outfit.

We issue no separate catalogue for the use of Professionals and Amateurs, but present to both, in our complete Catalogue, such goods as we feel they will need, arranged in a manner, we trust, that either can readily select from to meet their wants.

We have aimed to provide for the most fastidious.

THE BLAIR CAMERA CO.

Boston, 1889.

THIS EDITION REPRESENTS SECTION "A" ONLY.

ILLUSTRATED CATALOGUE
AND
PRICE LIST
OF
PHOTOGRAPHIC APPARATUS
AND
SUPPLIES.

MANUFACTURED AND SOLD BY
THE BLAIR CAMERA CO.

PUBLISHED BY
THE BLAIR CAMERA CO.

BOSTON, PHILADELPHIA, CHICAGO.

1889

REASONS WHY
BLAIR'S REVERSIBLE BACK CAMERAS
ARE SUPERIOR TO ALL OTHERS.

THEY are constructed to receive our Patent Extension for making negatives larger than the Camera proper. No fitting or extra charge is made, as is the case when putting our Patent Extension on Cameras of others' make. Our Adjuster and Plate-Holders are attached by a system of groove and springs which leave no screw or pin sticking out above the surface to scratch and injure the polish or hands. These Cameras are fitted with our Popular Patent Reversible Adjuster, having Spring Actuated Ground Glass Frame. This method of removing the Ground Glass Frame from contact with the Camera and keeping the Plate-Holder in position during exposure, is superior to all other methods. No better evidence of this fact is needed than the attempts of other manufacturers to copy it.

All Spring Actuated Ground Glass Frames movably fixed to allow the Plate-holder to be placed behind the frame are infringements on our patents, and persons manufacturing, or causing to be manufactured, or selling adjusters, or adapters (so called) other than those bearing our stamp, will be held responsible for such infringement.

Our Cameras possess a greater focussing capacity (length of bellows) than any others, thus enabling the operator to use any make or style of lens without Extension fronts. Dealers in photographic apparatus say they are not asked to exchange our Cameras, because they are found to meet all the requirements of the photographer, whether amateur or professional.

Our Apparatus is made on a system of interchangeable parts. The above facts of superiority in utility, in connection with the beauty of style, designs, and finish, and superior quality of workmanship, place **BLAIR'S CAMERAS** ahead of all others.

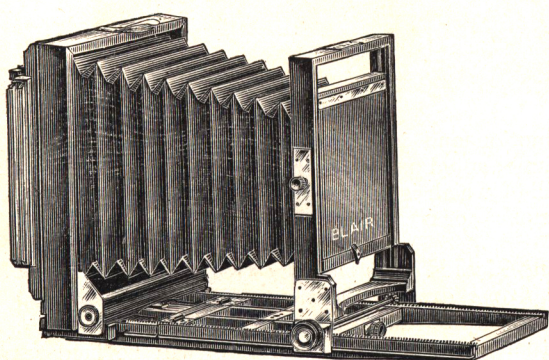
Ask to be shown the latest styles, and insist upon seeing them.

CATALOGUE

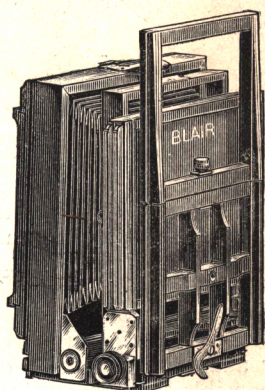
OF

PHOTOGRAPHIC APPARATUS.

Blair's Improved Reversible Back Cameras.



Nos. 1500-1505 EXTENDED.



Nos. 1500-1505 FOLDED.

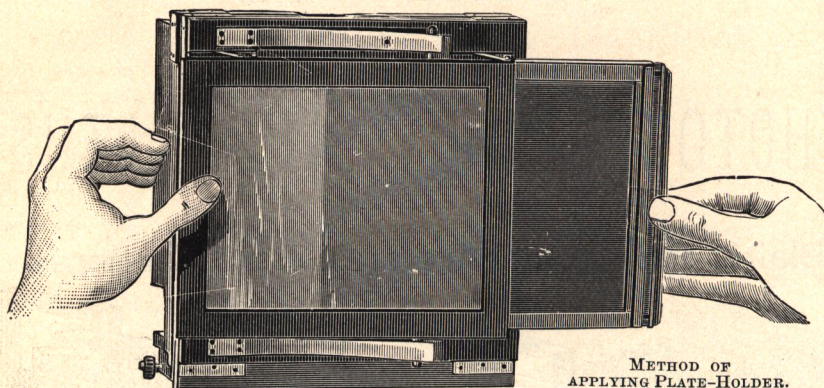
Although not as expensive a camera as the Champion (a description of which follows), yet for general work where it is likely to be carried much, it is more desirable, as it is much lighter and more compact. The fact that there are several thousands in use, with the demand increasing every month, speaks more for their good qualities than would volumes from us. They are made entirely of the best selected mahogany, seasoned several months, are highly polished, and trimmed with nickel mountings. (Brass trimmings to order.)

The focussing is achieved by the front of camera and lens moving forward by a fine rack and pinion movement. By this method of construction and the Reversible Back, the slide from the plate-holder can be drawn to the right or left when in a horizontal position, or when changed to the vertical position can be drawn upward or downward. The desirability of this will be apparent to every photographer of experience. The reversing of the back (to enable the operator to make upright views) is accomplished by simply pressing a spring and changing the adjuster carrying the holder, from vertical to horizontal.

The sliding front is arranged so that the entire front, with bellows attached, slides up or down, and is held rigid, by the adjusting screw. It is thus less liable to leak light than the old form.

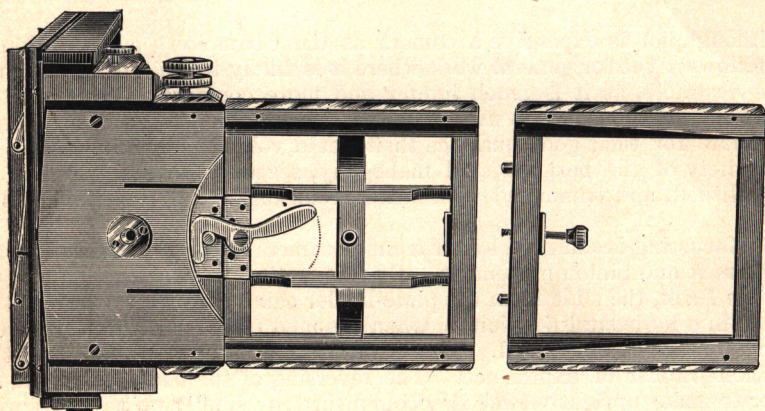
Another most unique part in its construction is the means of attaching the plate-holder and ground glass. The latter is attached by all four corners, and kept in position, wherever it may come to a bearing, by springs, and when the plate-holder is to be attached, the sideways movement of a couple of inches causes it to recede sufficiently for the holder to be slid in freely.

Patented Sept. 2, 1884.



without a spring to retard its motion and jar the camera; and when in position, and the ground-glass frame, acted upon by the spring, is released, the latter lies firmly behind it,—all of which is accomplished without the touching of a catch (as, indeed, there is none), or removing or swinging the ground-glass frame.

All *Spring Actuated Ground-Glass Frames* movably fixed to allow the *Plate-Holder* to be placed behind the frame are *infringements on our patents*, and persons manufacturing, or causing to be manufactured, or selling adjusters, or adapters (so called) other than those bearing our stamp, will be held responsible for such infringement.



SECTIONS OF THE BED.

The bed is made in three sections, the outer or third one removable for all ordinary work; this section will not as a rule be required in the field. *The method of clamping the hinged joint* of first and second sections in the bed, in all sizes above $4\frac{1}{4} \times 5\frac{1}{2}$, is such that it can be done quickly, and by pressure on the outer end of the hook lever it becomes tighter as the pressure is increased, thus combining the well-known merits of the screw-clamp, and the ease and rapidity of this movement. The bed, in all sizes above $4\frac{1}{4} \times 5\frac{1}{2}$, is constructed with arrangements for attaching the tripod in

two different places, thus allowing the camera to be properly balanced on the tripod, when using lenses of extra long focal length, or when using an extension. Unless otherwise specified, all orders for these cameras will be filled, fitted with Feather-Weight Holders. When English or Blair Patent are wanted, please specify.

ANY COMBINATION for different sizes of cameras can be made by using adjusters for smaller plate-holders than the original size of the camera proper.

By removing the Reversible Back Adjuster, and applying our Patent Extensions (reversible), we have a camera enabling the operator to use a size larger plate. (See Extension List, pages 12-13.)

PRICE LIST OF "IMPROVED" REVERSIBLE BACK CAMERAS.

No.	Size of Plate.	Size of Lens Board.	Capacity for Length of Focus.	Price Single Swing.	Price Double Swing.
1500	4 × 5	3 $\frac{3}{8}$ in. sq.	12 in.	\$23.00	\$25.00
1501	4 $\frac{1}{4}$ × 5 $\frac{1}{2}$	3 $\frac{3}{8}$ "	14 $\frac{1}{2}$ in.	28.00	30.00
1502	5 × 7	4 $\frac{1}{2}$ "	17 in.	31.00	33.00
1503	5 × 8	6 "	18 in.	35.00	37.00
1504	6 $\frac{1}{2}$ × 8 $\frac{1}{2}$	6 "	18 in.	35.00	37.00
1505	8 × 10	7 $\frac{1}{2}$ × 6 in.	20 in.	40.00	43.00

The above prices include one double holder and carrying case with each camera. Cases are made to carry three and six Feather-Weight Holders. Please state which is desired when ordering.

Blair's Improved Champion R. B. Cameras.

The improvements embodied in this Camera over the camera known as our Improved Reversible Back are as follows: The single and double swing, also the rising and falling front, are operated by a fine rack and pinion, with double thumb nuts attached, one for turning the pinion, the other for fastening when in proper position.

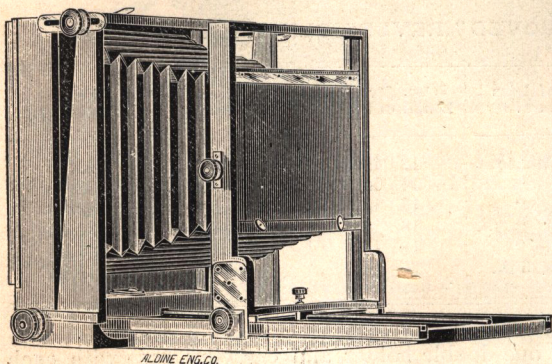
The focussing is accomplished by means of a rod which runs in the bed of Camera, and by means of a clamp is attached to the base of movable front at any point desirable. Attached to the end of this rod, which passes under the rigid portion of the Camera, is a rack about five inches in length, into which the pinion operates.

To focus the Camera, move the front out to *about* the focussing length of the lens used, then clamp the adjusting rod to the base; by turning the thumb nut to which the rod and pinion is attached, a very fine focus can be attained, while the thumb nut by which the movement is gained, remains stationary.

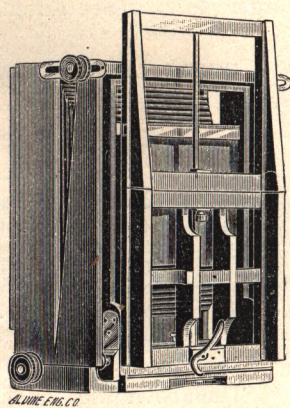
This convenience was suggested by complaint sometimes being made that the stretch for the arm in focussing with the regular style was tiresome in using sizes above 6 $\frac{1}{2}$ × 8 $\frac{1}{2}$, especially so when using the Extension. This method of focussing enables us to apply an improved form of Extension, which, though folding in less space than the other form, is capable of extending thirteen

inches to the rear, thereby making it possible to use any ordinarily long-focussed lens without cutting-off at the edges. (See pages 12-13.)

The bed is in three sections, the front section removing entirely except in the case of using extremely long-focus lenses, and the centre folding up closely to the front when packed; and is constructed on the same principle as "IMPROVED R. B.," with arrangements for attaching the tripod in two different places, thus allowing the Camera to be properly balanced on the tripod when using lenses of extra long focal length, or when using an extension.



NOS. 1510-1512 EXTENDED.



NOS. 1510-1512 FOLDED.

The method of clamping the hinged joint in the bed is also the same as used on the "IMPROVED R. B.," as well as that of attaching the Adjuster.

The Adjuster and Extension for "THE IMPROVED CHAMPION," and the "IMPROVED REVERSIBLE BACK" Camera are interchangeable.

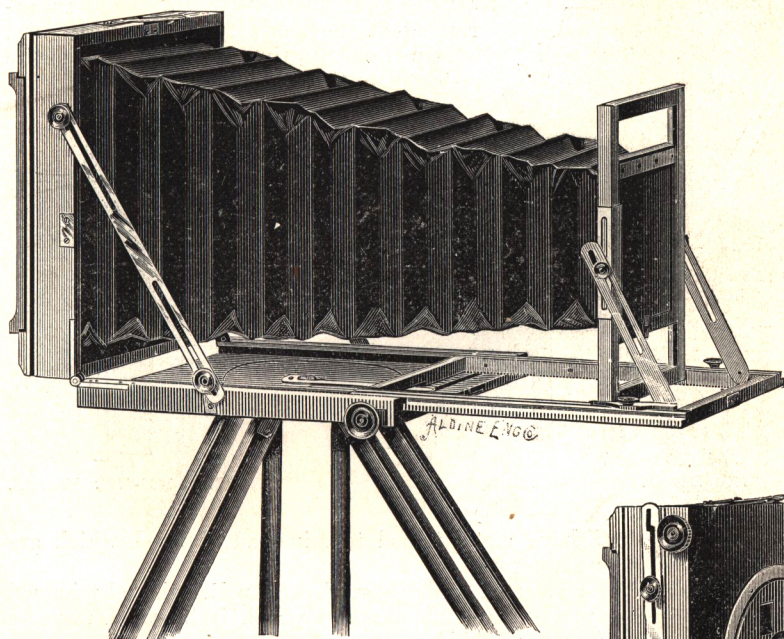
PRICE LIST OF IMPROVED CHAMPION R. B. CAMERAS.

No.	Size of Plate.	Size of Lens Board.	Capacity for Length of Focus.	Price Single Swing.	Price Double Swing.
1510	5 × 8	6 in.	18 in.	\$42 00	\$47 00
1511	6½ × 8½	6 in.	18 in.	42 00	47 00
1512	8 × 10	7½ × 6 in.	20 in.	45 00	50 00

Unless otherwise specified, all orders for these Cameras will be filled, fitted with English Holders. When Feather-Weight Holders are wanted, please specify. Made only in the above sizes, except to order. (For Extensions, see page 13.)

Price of Camera includes one Double Plate-Holder and Carrying Case.

The English Compact Reversible Back Cameras.



Nos. 1406-1409.

FULLY OPENED.

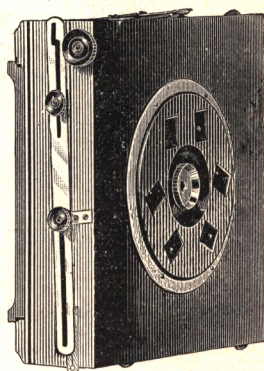
As the title infers, compactness is the principal feature of this Camera. While we have in it all the desirable facilities possible, combining great lightness with rigidity, perfection of detail with simplicity and ease of working, we have in the smallest space, and with the least weight, every convenience and facility possessed by any Camera, with several new movements and devices peculiar to this Camera alone.

The Camera, when closed, measures in thickness in the 5×7 , 5×8 , and $6\frac{1}{2} \times 8\frac{1}{2}$ size, $3\frac{1}{2}$ inches; in the 8×10 , 4 inches. The partial front view of the Camera, folded, shows the sunken tripod top, with clamping screw in centre, the centre of which (the clamping screw) is bored to receive a regulation tripod screw, thus enabling the operator to use any other form of tripod than that supplied with the Camera.

These Cameras are arranged to use the Rigid Extension.

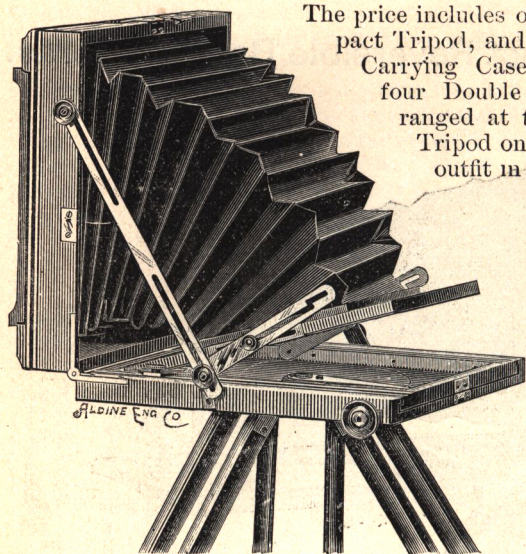
Adjusters or rigid form extensions fitted to these Cameras are interchangeable with those belonging to the Improved Reversible, and Improved Cincinnati R. B.

Unless otherwise specified, all orders for these Cameras will be filled, fitted with Feather-Weight Holders. When English or Blair Patent are wanted, please specify.



Nos. 1406-1409.

FOLDED.



Nos. 1406-1409. PARTLY OPENED.



Nos. 1406-1409: FOLDED.

The $3\frac{1}{4} \times 4\frac{1}{4}$ and 4×5 have metal tripod top, instead of wood, which are not sunk as deep as the wooden tops.

They are made of best selected mahogany, French polished, and trimmed with hand-finished brass mountings, in a manner which is intended to make them without an equal in the world.

We invite intelligent criticism.

PRICE LIST ENGLISH COMPACT R. B. CAMERAS.

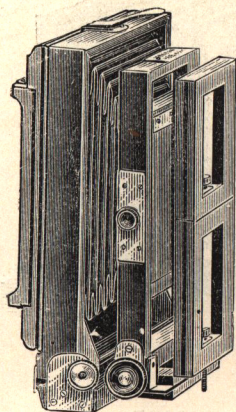
No.	SIZE.	SIZE OF LENS BOARD.	CAPACITY FOR LENGTH OF FOCUS.	PRICE.	
				S. S.	D. S.
1406 A	$3\frac{1}{4} \times 4\frac{1}{4}$	$2\frac{1}{4} \times 3\frac{1}{4}$	12 in.	\$40 00	Made to order only. 10 per cent. additional.
1407 A	4×5	$2\frac{1}{4} \times 3\frac{1}{2}$	14 "	40 00	
1406	5×7	$3\frac{3}{8}$ in. sq.	17 "	45 00	
1407	5×8	$4\frac{1}{2}$ "	18 "	50 00	
1408	$6\frac{1}{2} \times 8\frac{1}{2}$	$4\frac{1}{2}$ "	18 "	50 00	
1409	8×10	6 "	20 "	55 00	
1410	10×12	$6 \times 7\frac{1}{2}$	26 "	65 00	

The Improved Cincinnati Reversible Back Cameras.

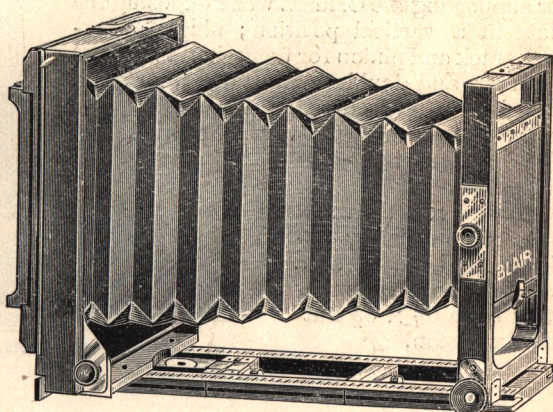
In this Camera we have designed to make one which is in itself simple and less expensive than the "Improved R. B. Camera," and yet complete and quickly adjusted for work. It is made to receive our well-known Patent Adjuster and

Extension (rigid form). Any combination for different sizes of Cameras can be made by using adjusters for smaller plate-holders and extensions for larger plate-holders than the Camera proper.

The focusing is attained by a fine rack and pinion movement. They are made entirely of the best selected cherry and mahogany, seasoned several months; are highly polished and trimmed with hand-finished brass mountings.



Nos. 1400-1405. FOLDED.



Nos. 1400-1405. EXTENDED.

Unless otherwise specified, all orders for these Cameras will be filled, fitted with Feather-Weight Holders. When English or Blair Patent are wanted, please specify. By removing the Reversible Back Adjuster and applying our Patent Extension (reversible) we have a Camera enabling the operator to use a size larger plate. The price includes one Double Plate-Holder and Carrying Case.

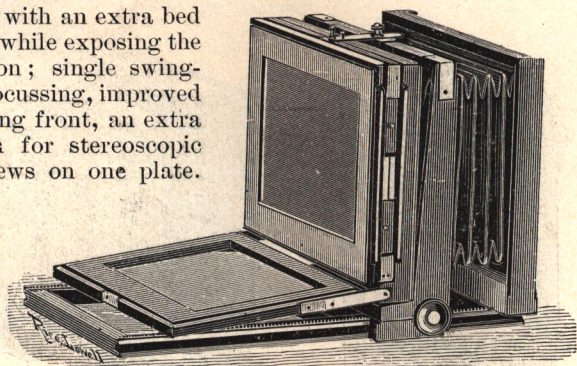
PRICE LIST IMPROVED CINCINNATI R. B. CAMERAS.

No.	SIZE OF PLATE.	SIZE OF LENS BOARD.	CAPACITY FOR LENGTH OF FOCUS.	PRICE.	
				S. S.	D. S.
1400	4 × 5	3 $\frac{3}{4}$ in sq.	9 in.	\$20 00	\$22 00
1401	4 $\frac{1}{4}$ × 5 $\frac{1}{2}$	3 $\frac{3}{4}$ "	10 $\frac{1}{2}$ "	22 00	24 00
1402	5 × 7	4 $\frac{1}{2}$ "	12 $\frac{1}{2}$ "	28 00	30 00
1403	5 × 8	6 "	14 "	30 00	32 00
1404	6 $\frac{1}{2}$ × 8 $\frac{1}{2}$	6 "	14 "	30 00	32 00
1405	8 × 10	7 $\frac{1}{2}$ × 6 in.	17 "	35 00	38 00

BLAIR'S COMBINATION CAMERAS.

The 5×8 sizes of these Cameras are intended more especially for stereoscopic work, with the capacity by using the extension for working larger plates.

They are all provided with an extra bed for supporting the Camera while exposing the plate in a vertical position; single swing-back, rack and pinion for focussing, improved set-screw and double sliding front, an extra lens board, with division views for stereoscopic work, or two separate views on one plate. The 5×8 (A) is smaller in outside dimensions than our 5×8 (B), and was not originally designed to be used as a combination; but is now fitted for a $6\frac{1}{2} \times 8\frac{1}{2}$ Patent Extension.



No. 1532, WITH HOLDER ATTACHED.

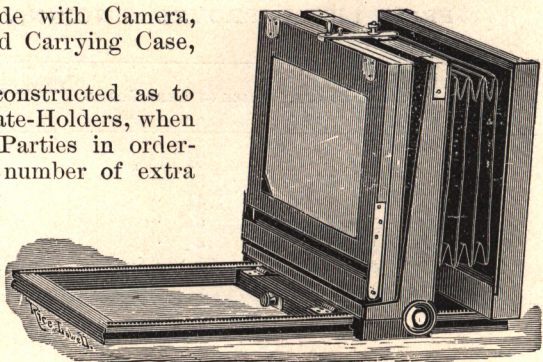
PRICE LIST OF BLAIR'S COMBINATION CAMERA.

No.	Size of plate.	Size of Lens Board.	Capacity for Length of Focus.	Price Single Swing.
1530	4×5	4 in. sq.	12 in.	\$10 00
1531	5×8 (A)	$6\frac{3}{4} \times 4$	13 "	15 00
1532	5×8 (B)	$7\frac{1}{2} \times 4\frac{3}{4}$	$14\frac{1}{2}$ "	15 00

The above prices include with Camera, one Double Plate-Holder and Carrying Case, with strap and handle.

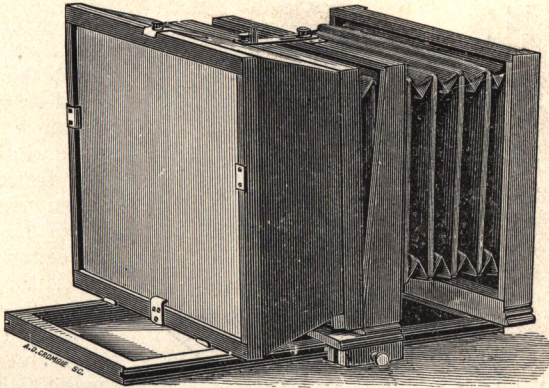
The folding bed is so constructed as to carry within it two Double Plate-Holders, when folded to go into the case. Parties in ordering should state plainly the number of extra Holders required.

These Cameras are fitted with the "Blair Patent Holder," unless otherwise ordered.



No. 1532, GROUND GLASS IN POSITION.

BLAIR'S PATENT EXTENSION.



No. 1537 ATTACHED TO No. 1532.

It often occurs that the possessor of a Camera desires *very much* to make an occasional picture larger than his Camera is capable of making.

The Blair Patent Extension is the article that meets the want.

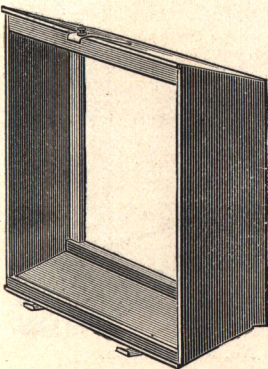
By applying our Patent Extension to Cameras of smaller dimensions, we have a Camera enabling the operator to use a size larger plate.

The Letters Patent under which this Extension is made bears date May 2, 1882, and the public are hereby cautioned against infringements.

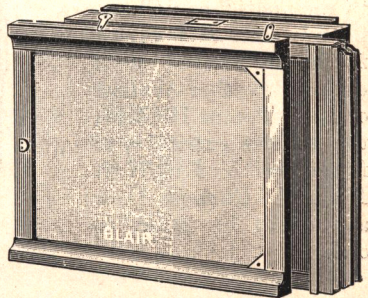
A WORD ABOUT EXTENSIONS.

BLAIR'S PATENT EXTENSION is a contrivance for placing the plate a sufficient distance from the back of Camera proper to allow the rays to spread to the size of plate to be used on the extension.

In completing this valuable adjunct to photographic apparatus, it was not the idea of the inventor to substitute (for example) a 5×8 Camera proper with an 8×10 Extension, for an 8×10 Camera, when the operator intended using 8×10 plates in the majority of cases, because it would be more



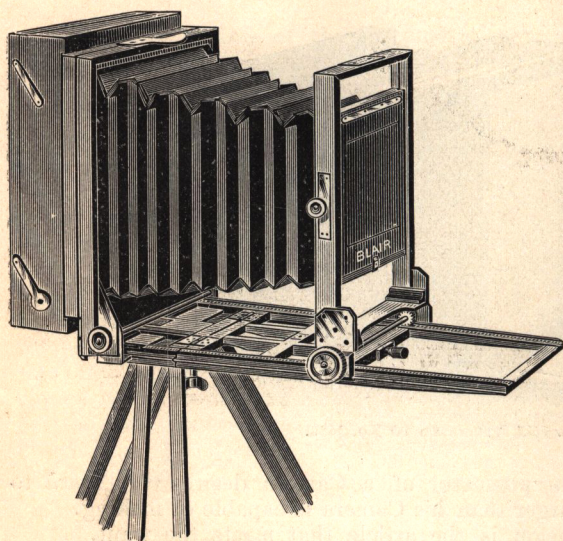
Nos. 1535-1537, 1545-1547.



Nos. 1540-1544.

desirable to have an 8×10 Camera proper ;

but the idea was to furnish an attachment for the use of the operator, who used 5×8 plates as a rule, and occasionally desired to use an 8×10 , etc. The



No. 1543 ATTACHED TO 1503.

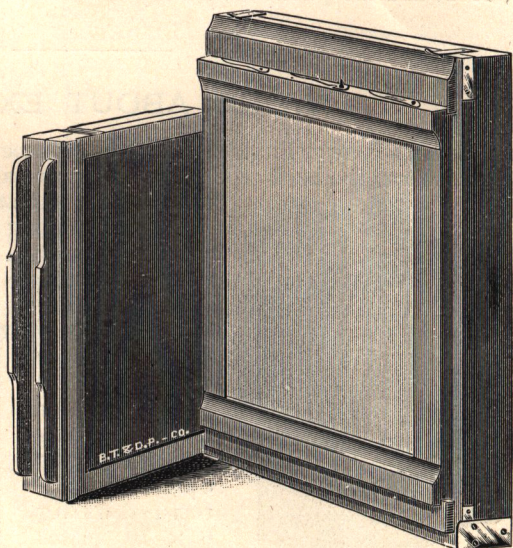
nati," and "Champion" Reversible Back Cameras, also our Combination Cameras, are arranged to receive our Patent Extension.

The "Champion" Cameras only, will admit of using either the bellows or rigid form.

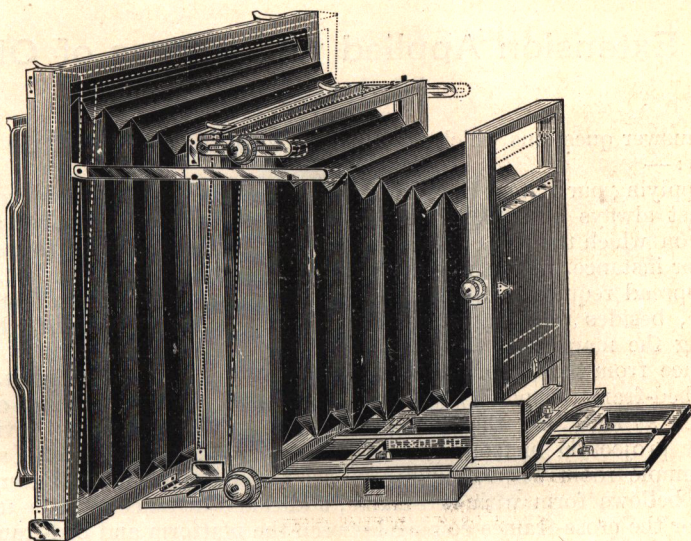
Extensions for Combination Cameras are fitted with Blair Patent Holders, those for "Improved," "Compact," "Cincinnati," or "Champion" (R. B.) rigid form are fitted with either Feather-Weight or Blair Patent Holders; the bellows extension is fitted with English Holders. Changes from above can be made to order.

only disadvantages in a Camera formed with the extension attached is, that a *very short focus* lens cannot be used on account of the distance between the ground glass and Camera front, and the fact when using a *very long focus* lens, the frame of camera proper prevents the rays from the lens spreading to the edge of the plate. To correct the former, we make, when desired, a recess front. The latter can only be remedied by increasing the depth of the extension.

Our "Improved" "Compact," "Cincinnati,"



Nos. 1550-1552 AND No. 2078, FOLDED.



No. 1552 ATTACHED TO 1512.

PRICE LIST OF EXTENSIONS.

For Combination Cameras (rigid form).

NO.									PRICE.
1535	5	×	7	Extension for 4	×	5	Camera	. . .	\$5 00
1536	6½	×	8½	"	"	5	×	8 A " . . .	7 00
1537	8	×	10	"	"	5	×	8 B " . . .	7 00

For Reversible Back Cameras (rigid form.)

1540	5	×	8	Extension for	$4\frac{1}{4}$	×	$5\frac{1}{2}$	.	.	.	.	.	\$7 00
1541	$6\frac{1}{2}$	×	$8\frac{1}{2}$	“	“	5	×	7	.	.	.	.	9 00
1542	8	×	10	“	“	5	×	7	.	.	.	.	9 00
1543	8	×	10	“	“	5	×	8	.	.	.	.	9 00
1544	8	×	10	“	“	$6\frac{1}{2}$	×	$8\frac{1}{2}$	.	.	.	.	9 00
1545	10	×	12	“	“	5	×	8	.	.	.	.	12 00
1546	10	×	12	“	“	$6\frac{1}{2}$	×	$8\frac{1}{2}$	.	.	.	.	12 00
1547	11	×	14	“	“	8	×	10	.	.	.	.	14 00

Bellows Extension for Champion Cameras.

Various Extension for Camera						Single Swing.	Double Swing.	
1550	11	×	14	Extension for 6½	×	8½ Camera .	\$20 00	\$23 00
1551	11	×	14	“	“	8 × 10 “ .	20 00	23 00
1552	14	×	17	“	“	8 × 10 “ .	25 00	30 00

Price of Extension includes one Double Plate Holder and Carrying Case.

Blair's Extensions can be fitted to all Reversible Back Cameras of standard make having front focus. Extra charge for fitting, \$1.00.

The Extension Applied to Cameras of Other Makers.

To answer questions which are daily asked of us, we append the following notes : —

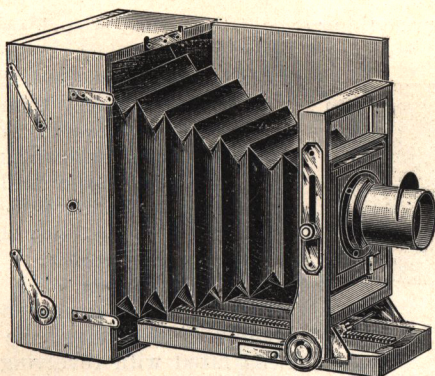
In applying our Patent Extension rigid form (as applied to view Cameras), there must always be sufficient distance between the top of the bed and the platform on which the plate-holder rests, to admit of the spread to the larger size. For instance, we wish to attach an 8×10 Extension to a 5×8 Camera, the spread required will be three inches, or one and one-half inches on each side, besides allowing something for the Swing movement, therefore (providing the margin on the 5×8 and 8×10 plate-holder to be equal), the distance from the top of the platform on which the holder rests, to the top of bed-frame, should be one and one-half inches, adding one-half of an inch at least for the Swing movement. With Cameras having the bed-frame projection in front (for instance, our Reversible Back Cameras) there is ample room when mounted on the tripod. When the Extension is added in bellows form with bed-frame, additional distance must be made, to provide for the cross-frames coming between the platform and bed-frame.

Cameras of our manufacture (cheap forms excepted) are arranged to receive the Extension.

In fitting them to others in which there is not sufficient room, there are but two satisfactory ways this elevation can be gained. One is to fold the bed of the Camera proper, turning the back portion under. The other, and in most cases the best method, is to remove the camera box from the bed-frame, and separate them the distance required with wood (solid, or in box) form. The charges for this, extra, ranges from one to five dollars, according to time consumed.

THE LUCIDOGRAPH.

Patented May 10, 1887.



Nos. 1560-1563 EXTENDED.

The question may, and doubtless will be, asked us, "Why give a special name, or why not call it an outfit?" To which we would say, the term "Photographic Outfit," as generally applied to a Camera, lens, and tripod has, we believe, conveyed a false impression on the mind of the uninitiated, as they no more complete a photographic outfit than would a gun and game-bag complete a huntsman's outfit.

As it was our intention, by introducing a very compact instrument, yet simple and practical in all parts, to impart a new and lasting interest in the practice of Photography as a pastime, we considered it better to adopt new and more truthful plans of selling these outfits (so called).

Although for the majority of work for which a view Camera is likely to be used, the "Swing back" is not desirable, we have fitted the LUCIDOGRAPH with double swing, as well as sliding front on size above 5×7 , and added attachments by which the swing can be quickly centred and made stationary.

We would here call special attention to our improved double swing, in the construction of the LUCIDOGRAPH. By attaching the portion to which the ground glass is hinged to the tripod, we have done away with the "Swing back," as when, for instance, we wish to take into the view more of the upper portion of a building, we tilt the bed upward, while the ground glass remains stationary; thus the adjustment of the picture can be made with the "Swing front" instead of the tripod, and the lines kept perpendicular.

We therefore use the term "Swing Front," instead of "Swing Back." The bed is made rigid by clamping to the door, and the clamp being near the outer end, greater rigidity is secured.

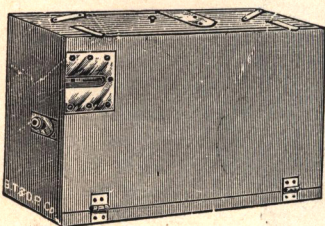
The same appliance is the means of gaining the Double Swing Front.

This instrument can be used for making either vertical or horizontal views, equally rigid and convenient in either position. When used in the horizontal position, the slide to the plate-holder can be drawn to the left or right.

The focussing is attained by a fine rack and pinion, the front standard moving in metal guides and track. The ground-glass frame is attached by our

patent method, which, as is well known, has no equal for convenience and safety. The body of the Camera is made of best quality mahogany, highly polished; the interior portion of selected cherry; the bellows of A1 rubber, card-board and silesia. The Plate-Holder is our well-known "Feather Weight." The Tripod is our celebrated pattern also known as the "Feather Weight," or "Compact," as desired.

When folded, everything except the tripod is enclosed in the case. The $6\frac{1}{2} \times 8\frac{1}{2}$ size measuring $10 \times 8 \times 4$ inches. Smaller sizes in proportion. They cannot well be made larger than $6\frac{1}{2} \times 8\frac{1}{2}$.



Nos. 1560-1563 FOLDED FOR CARRYING.

To sum up, this instrument is the product of the best skill and workmanship of our factory, and our large and fine facilities have enabled us to fix the price low, believing our profits will, in the end, be equally large, and our usefulness greater.

The purchaser of a LUCIDOGRAPH is entitled to one Camera, one Feather-Weight Double Plate-Holder, one Single Achromatic Lens fitted with revolving diaphragm, all enclosed in canvas bag or carrying case; also one Feather-Weight Tripod (or Compact, as desired).

PRICE LIST LUCIDOGRAPH COMPLETE.

Prices given include everything requisite for work in the field. Plates and extra plate-holders excepted.

No. 1560,	for $3\frac{1}{4} \times 4\frac{1}{4}$ plate (no sliding front)	. . .	\$16 00
No. 1561,	for $4\frac{1}{4} \times 5\frac{1}{2}$ " " " "	. . .	16 00
No. 1561, A,	for 5×7 " (sliding front)	. . .	20 00
No. 1562,	for 5×8 " " " "	. . .	20 00
No. 1563,	for $6\frac{1}{2} \times 8\frac{1}{2}$ " " " "	. . .	25 00

State plainly how many extra holders are wanted. You can judge by knowing about how many plates you would wish to expose before returning to the dark-room in which to develop, or change for fresh ones.

Each carrying case will hold three holders (two extra). Separate cases to hold six, price, \$1.50. For price list of extra holders, see pp. 20, 21

Parties ordering five extra holders *with outfit*, can have, without extra charge, a case to carry the Camera and six holders at the end; and if the Compact tripod is selected, it can be placed on top, making a narrow, compact parcel.

LUCIDOGRAPH CAMERA (Without Lens or Tripod).

Including One Feather-Weight Double Plate-Holder and Carrying Case.

No. 1564, A,	$3\frac{1}{4} \times 4\frac{1}{4}$ plate	. . .	\$10 00
No. 1564, B,	$4\frac{1}{4} \times 5\frac{1}{2}$ " . . .	. . .	10 00
No. 1564, C,	5×7 " . . .	. . .	13 50
No. 1564, D,	5×8 " . . .	. . .	13 50
No. 1564, E,	$6\frac{1}{2} \times 8\frac{1}{2}$ " . . .	. . .	16 00

Extensions cannot be used with the Lucidograph.

The Blair Combination Portrait Camera, with Extensions.

MADE TO ORDER ONLY.

The favor with which our Combination View Cameras have been received, and the constant requests to apply our Patent Extension to Portrait Cameras, have induced us to design a line of Portrait Cameras adapted to receive the Extension. They are made of the finest selected St. Domingo Mahogany, highly polished, with nickel trimmings, and the best efforts of our factory are put forth to make them above comparison with anything in the market. The Camera Proper can be made of any convenient style; or the Extension applied to Cameras of other makes. We have selected for illustration an 8×10 with 14×17 Extension. Fig. 1 shows the Camera Proper with Plate-Holders (double) in position to be moved horizontally into position before the lens. Fig. 2 shows a more perspective view of same, with Flexible Slide Plate-Holders attached, and ground glass sitting at one side. Fig. 3 shows Flexible Slide Plate-Holder, with back removed and slide partly drawn.

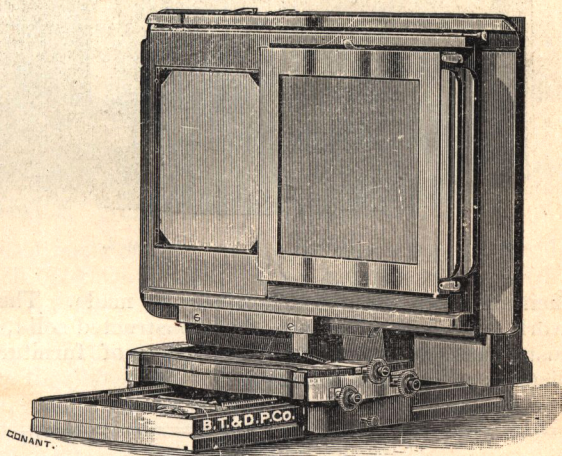


FIG. 1.

The Camera proper has horizontal sliding back to enable the operator to make three exposures on 5×8 plate; two on $6\frac{1}{2} \times 8\frac{1}{2}$; two on 8×10 , or single on any of above size. The sliding frame has revolving rod with guide plate attached. By turning the rod to a number indicated on the plate, a slot is brought on line with a stationary catch, which, when the frame moves forward, acts as a stop; therefore, the operator, when ready to make a sitting, places the Holder on the slide and turns the rod to the number desired; when the subject has been adjusted and the instrument focussed, the slide is pushed forward (horizontally) and stopped by the catch at the proper point without further care. No two slots are in line. The 14×17 Extension has plain back, suitable for making but one negative on single plate. Both Camera proper and Extension are fitted with double swing movement, fine focussing attachment, and the weight in moving back and forth is carried on finely adjusted tracks. The double swing movement and focussing attachments are of a greatly improved form. They are so placed that the right hand, in adjusting them, is in the most comfortable position, and the three adjustments are made without moving the hand over four or five inches. The illustrations will show to the practical operator the details which we have failed to

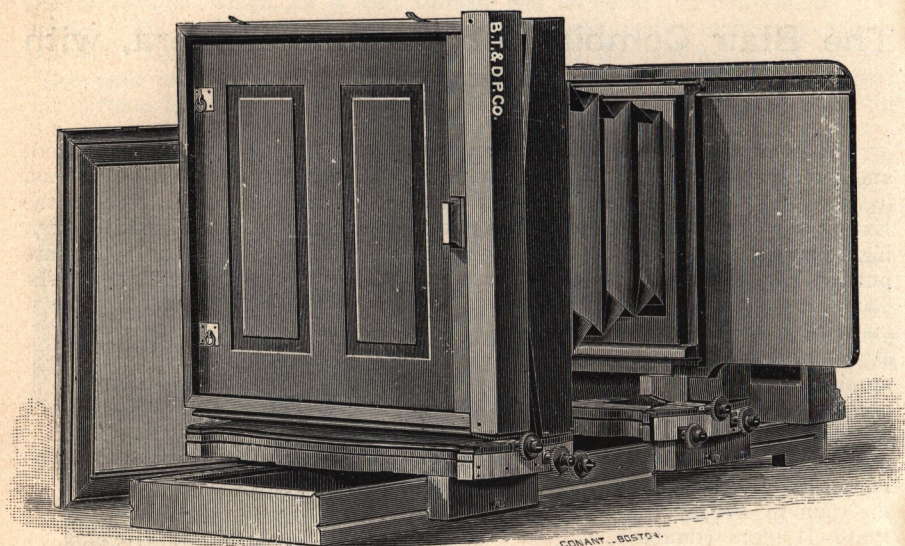


FIG. 2.

mention. No attempt at lightness is made. They are designed for studio work exclusively, and are thus constructed solid, but not clumsy,—a useful instrument made an ornamental piece of furniture. We list the following sizes at prices as follows :—

Cameras Proper.	Fitted with Extension.	Price Complete.	Price of Camera separate.	Price of Extension separate.
8 × 10	14 × 17	\$100 00	\$55 00	\$50 00
8 × 10	17 × 20	105 00	57 00	55 00
11 × 14	18 × 22	115 00	62 00	60 00
11 × 14	20 × 24	140 00	65 00	75 00
14 × 17	22 × 27	155 00	85 00	80 00
14 × 17	25 × 30	165 00	87 00	90 09

The prices above include: for Camera proper, 1 Double Dry Plate Holder, or 1 Single Flexible Slide Holder; for the Extension, 1 Single Flexible Slide Holder; with Camera proper and Extension together complete, Plate-Holder for each, all arranged for smaller plates and reversible.

The 11 × 14 and 14 × 17 Cameras have an attachment with sliding back for making two or more negatives on one plate, doing the same work that the 8 × 10 Camera with sliding back does. Price of attachment with one 8 × 10 Double Dry Plate Holder, or one 8 × 10 Single Flexible Slide Holder (reversible insides) fitted to 11 × 14 Camera, \$15.00; fitted to 14 × 17 Camera, \$18.00. Either of these Cameras thus fitted we consider the most useful to be obtained, and with their respective Extensions, work from

the smallest card to life-size, can be made without using holders much above the size of the plates used.

The prices above quoted on Extensions separate include, in all ordinary cases, cost of fitting them to Cameras of other makes. The Cameras without the Extension are equal in every respect, and possess many advantages contained in no others, and if, at any time, the owner desires to make larger work, he has but to get the Extension, which is ready to be attached.

Herein lies the great advantage of our Cameras, whether for view or studio work, while with those of all other makes, a new Camera must be purchased, or the old one sent to us to be fitted for the Extension.

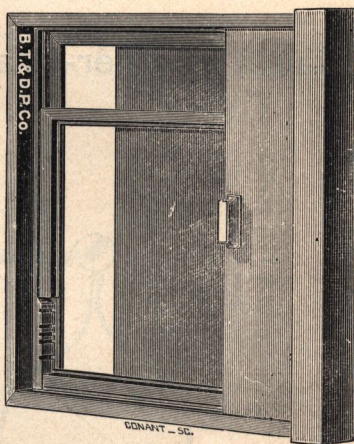


FIG. 3.

BLAIR'S FLEXIBLE SLIDE PLATE-HOLDER.

It is, we believe, the finest made holder in the American market. No illustration or description will do them justice. They are reversible inside, with arrangements for smaller plates, and can be fitted to all Cameras that will allow the application of outside dimensions.

It would be difficult to convey to one not aware of the bother of the ordinary slide, when drawn from the plate-holder, the convenience of one which, at a gentle pull from behind, rolls in guides to the opposite side of the holder; but to the operator who is acquainted with the nuisance of the ordinary style, we believe we need say no more after calling attention to the above. (Fig. 3.)

PRICES.

Size.	Price.
8 X 10	\$10 00
10 X 12	12 00
11 X 14	15 00
14 X 17	20 00
17 X 20	22 00
18 X 22	25 00
20 X 24	30 00
22 X 27	35 00
25 X 30	40 00

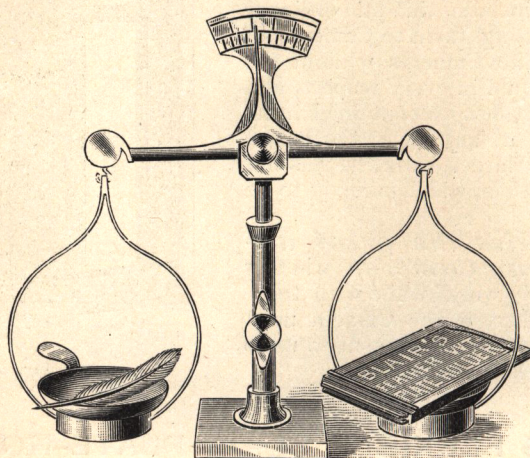
Directions for Ordering Plate-Holders.

In ordering special holders, parties should send their old holder as a sample if possible, to avoid mistakes; otherwise, careful outside dimensions should be given, and style of Camera for which holders are intended.

The focus of the holder should also be given, and drawings furnished, if possible, showing whether rabbet is required or not, and whether with or without Adjuster.

Extra charges for fitting holders and adjusters to special Cameras.

Blair's Feather-Weight Double Plate-Holder.



Absolutely light-tight. Substantial, serviceable, accurate.

The object in view in constructing this Holder was to supply one which would occupy the smallest space consistent with strength and safety, and, at the same time, at a price which would encourage a more liberal supply being used, thus avoiding the annoyance of having so frequently to renew the sensitive plates.

After a period of four years since the first introduction of this holder, we feel that the object in view has been fully attained — the immense sale attesting most forcibly to its great popularity. It is not only the lightest and most compact double plate-holder ever made, but it is the most perfectly light-tight, while being so readily filled and emptied.



In this Holder (as the thickness of plates vary so exceedingly) we have not supplied the spring usually placed on the dividing-board to keep the plate pressed tightly to the front of holder, on account of the space the spring would occupy, even when pressed down, and have allowed only space sufficient to accommodate the thickest plate likely to be used.

In using thinner ones, a slight bedding of soft paper may be placed in the holder, and, in pressing the plate down, it will be found that the paper acting in combination with the pliable division-board, forms a very admirable spring or cushion, for both plates.

These Holders are ranged to receive kits for plates any size under that of the holder (leaving, as a matter of course, sufficient difference in the size to make the frame of kits). Thus, with an 8×10 Camera, all sizes from $3\frac{1}{4} \times 4\frac{1}{4}$ up to 8×10 can be used. Kits are not included with holders at prices given; therefore, in ordering, please specify when they are desired. Our method of applying the holder to the Cameras of our make admits of the former

being changed end for end; therefore, when in a cramped position, and unable to draw the slide to the right, change the holder or adjuster and draw to the left. Unless otherwise ordered, holders will be fitted with black-board registering slides.

PRICES.

No.	Size.								
2090	$3\frac{1}{4} \times 4\frac{1}{4}$	.	.	.	.	.	.	.	\$1 00
2091	4×5	.	.	.	.	.	.	.	1 00
2092	$4\frac{1}{4} \times 5\frac{1}{2}$	.	.	.	.	.	.	.	1 00
2093	$4\frac{1}{4} \times 6\frac{1}{2}$	.	.	.	.	.	.	.	1 25
2094	5×7	.	.	.	.	.	.	.	1 25
2095	5×8	.	.	.	.	.	.	.	1 35
2096	$6\frac{1}{2} \times 8\frac{1}{2}$	.	.	.	.	.	.	.	1 60
2097	8×10	.	.	.	.	.	.	.	1 85
2098	10×12	.	.	.	.	.	.	.	3 50
2099	11×14	.	.	.	.	.	.	.	4 00

Blair's Feather-Weight Double Film-Holder.

This holder does away entirely with Film Carriers, and measures but $\frac{7}{16}$ inch in thickness, up to and including the 8x10 size. They are made and kept in stock to fit in place of and focus with regular Feather-Weight Plate Holders. The film is easily inserted and withdrawn, the operation being simply to withdraw the dark slide and insert the film, which is kept perfectly flat in the holders. They do not however focus with holders having back springs.

PRICE LIST.

No.	Size.								
2090 B,	$3\frac{1}{4} \times 4\frac{1}{4}$	.	.	.	.	.	.	.	\$1 00
2091 B,	4×5	.	.	.	.	.	.	.	1 00
2092 B,	$4\frac{1}{4} \times 5\frac{1}{2}$	.	.	.	.	.	.	.	1 00
2093 B,	$4\frac{1}{4} \times 6\frac{1}{2}$	.	.	.	.	.	.	.	1 25
2094 B,	5×7	.	.	.	.	.	.	.	1 25
2095 B,	5×8	.	.	.	.	.	.	.	1 35
2096 B,	$6\frac{1}{2} \times 8\frac{1}{2}$	.	.	.	.	.	.	.	1 60
2097 B,	8×10	.	.	.	.	.	.	.	1 85
2098 B,	10×12	.	.	.	.	.	.	.	3 50
2099 B,	11×14	.	.	.	.	.	.	.	4 00

BLAIR'S PATENT PLATE-HOLDERS.

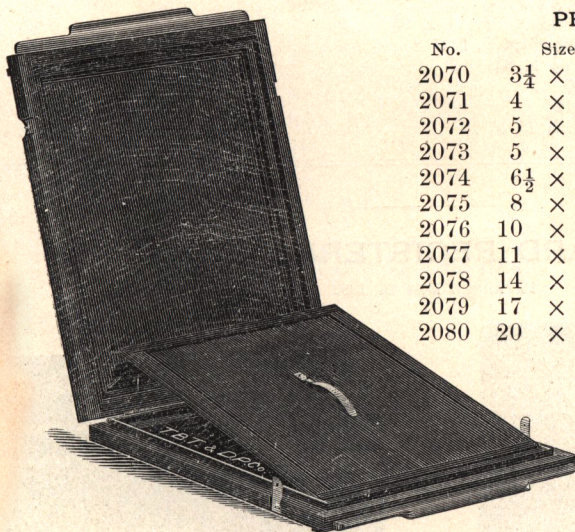
They are ranged to receive kits for plates any size under that of the holder (leaving, as a matter of course, sufficient difference in the size to make the frame of kits).

No.	Size.	PRICES.									
2081	4 × 5	.	.	.	.	.	.	.	.	.	\$1 50
2082	4 $\frac{1}{4}$ × 5 $\frac{1}{2}$	.	.	.	.	.	.	.	.	.	1 50
2083	4 $\frac{1}{4}$ × 6 $\frac{1}{2}$	.	.	.	.	.	.	.	.	.	2 00
2084	5 × 7	.	.	.	.	.	.	.	.	.	2 00
2085	5 × 8	.	.	.	.	.	.	.	.	.	2 00
2086	6 $\frac{1}{2}$ × 8 $\frac{1}{2}$	.	.	.	.	.	.	.	.	.	2 50
2087	8 × 10	.	.	.	.	.	.	.	.	.	2 75
2088	10 × 12	.	.	.	.	.	.	.	.	.	5 50
2089	11 × 14	.	.	.	.	.	.	.	.	.	7 00

THE ENGLISH PLATE-HOLDER.

This form of holder for Dry Plates has long been in use and acknowledged to be one of the best. The high price at which they necessarily must sell, and the bulk and weight above that of the Feather-Weight Holders, is the only reason of their not being universally in use.

Made to receive kits, and can be fitted to any Camera of standard make when ordered.



Nos. 2070-2080.

PRICE LIST.

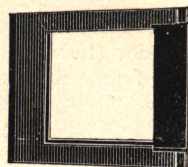
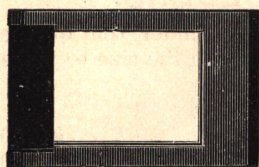
No.	Size.	Price.									
2070	3 $\frac{1}{4}$ × 4 $\frac{1}{4}$	.	.	.	.	.	.	.	.	.	\$2 15
2071	4 × 5	.	.	.	.	.	.	.	.	.	2 25
2072	5 × 7	.	.	.	.	.	.	.	.	.	2 75
2073	5 × 8	.	.	.	.	.	.	.	.	.	2 75
2074	6 $\frac{1}{2}$ × 8 $\frac{1}{2}$	.	.	.	.	.	.	.	.	.	4 00
2075	8 × 10	.	.	.	.	.	.	.	.	.	5 50
2076	10 × 12	.	.	.	.	.	.	.	.	.	8 00
2077	11 × 14	.	.	.	.	.	.	.	.	.	9 00
2078	14 × 17	.	.	.	.	.	.	.	.	.	12 00
2079	17 × 20	.	.	.	.	.	.	.	.	.	15 00
2080	20 × 24	.	.	.	.	.	.	.	.	.	22 00

*Larger sizes made single or double to order.
Estimates furnished.*

INSIDE KITS.

To enable the operator who has a large Camera to use a plate smaller than the size of holders. They are made of thoroughly seasoned stock and very light.

Four styles are made: one for use with the Feather-Weight Holder with springs, one with regular Feather Weight, one with Blair Patent, and one with English Holders. *Please state plainly for which holder they are desired.*



Certain sizes of the pattern for Feather-Weight Holders and English Holders will fit one inside the other. For example, if

it is desired to use a 4×5 in an 8×10 holder, we would use an 8×10 kit, having a 5×8 opening, together with a 5×8 kit, having a 4×5 opening.

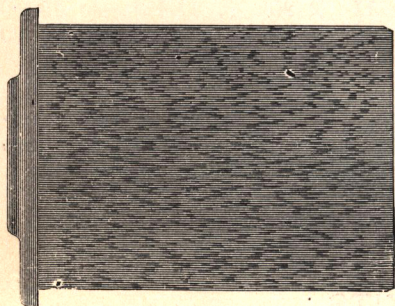
KITS FOR BLAIR'S PATENT—FEATHER-WEIGHT—FEATHER-WEIGHT WITH SPRINGS—AND ENGLISH PLATE HOLDERS.

PRICE LIST.

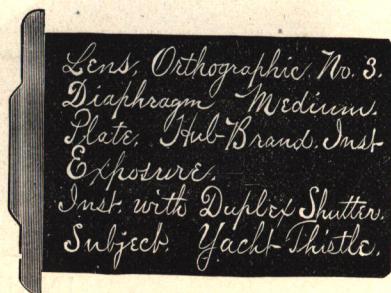
Size of Plate-Holders.	Size of Opening in Kit.	Price.
4×5	$3\frac{1}{4} \times 4\frac{1}{4}$, $3\frac{1}{4} \times 4$	\$0 25
$4\frac{1}{4} \times 5\frac{1}{2}$	$3\frac{1}{4} \times 4\frac{1}{4}$, $3\frac{1}{4} \times 4$	0 25
$4\frac{1}{4} \times 6\frac{1}{2}$	$3\frac{1}{4} \times 4\frac{1}{4}$	0 30
5×7	$3\frac{1}{4} \times 4\frac{1}{4}$, 4×5 , $4\frac{1}{4} \times 5\frac{1}{2}$	0 30
5×8	$3\frac{1}{4} \times 4\frac{1}{4}$, 4×5 , $4\frac{1}{4} \times 5\frac{1}{2}$, $4\frac{1}{4} \times 6\frac{1}{2}$	0 30
$6\frac{1}{2} \times 8\frac{1}{2}$	$4\frac{1}{4} \times 5\frac{1}{2}$, $4\frac{1}{4} \times 6\frac{1}{2}$, 5×7 , 5×8	0 40
8×10	5×7 , 5×8 , $6\frac{1}{2} \times 8\frac{1}{2}$	0 45
10×12	$6\frac{1}{2} \times 8\frac{1}{2}$, 8×10	0 75
11×14	8×10 , 10×12	0 90
14×17	8×10 , 10×12 , 11×14	1 25

BLACKBOARD REGISTERING SLIDES.

PATENTED MAY 15, 1883.



SLIDE BEFORE REVERSED.



SLIDE SHOWING MEMORANDUM.

We feel that we need not elaborate on the desirability of a slide of this material.

"Before taking a picture the mottled surface of these slides is seen; afterward they are turned so that the black-board surface which was toward the sensitive plate is out, and the data respecting the exposure is pencilled thereon; a very convenient place, by the way, to consult it when uncapping the plate."

PRICE LIST OF SLIDES FOR HOLDERS.

Slides, $3\frac{1}{4} \times 4\frac{1}{4}$ to 5×8 , with end-piece attached		\$0 10
" 8×10	" "	15
" 11×14	" "	25

In ordering specify size and style of Holder; if of special size add 50% to list price.

It is always wise to have a few extra slides in your outfit.

All of Blair's Holders are fitted with these Black-board Registering Slides, and in sizes above 8×10 with Hard Rubber Slides.

POLISHED HARD-RUBBER SLIDES.

The most durable slide known; totally impervious to water and chemicals. Prices complete with end-pieces attached.

Slides $3\frac{1}{4} \times 4\frac{1}{4}$		\$0 20
" 4×5		22
" $4\frac{1}{4} \times 5\frac{1}{2}$		22
" $4\frac{1}{4} \times 6\frac{1}{2}$		28
" 5×7		28
" 5×8		28
" $6\frac{1}{2} \times 8\frac{1}{2}$		35
" 8×10		45
" 10×12		50
" 11×14		55

3063 Improved Lucidograph Finder . . \$1 50

TRIPODS.

BLAIR'S PATENT TRIPOD TOP.

The utility of this article will be readily seen, which is to give additional rigidity to the bed of the camera. The joint in the folding bed to all cameras renders it more liable to be unsteady. With reversing cameras it is invaluable, as it forms a support for the portion of the camera which moves out in focussing. Made to receive our Feather Weight and Compact Tripods. Covered with cloth on top.

Patented June 14, 1887.



No. 3004.

PRICE, \$1.00.

When Tripods are ordered fitted with these Patent Heads, fifty cents additional is added to the price of the tripod.

THE COMPACT ADJUSTABLE TRIPOD.

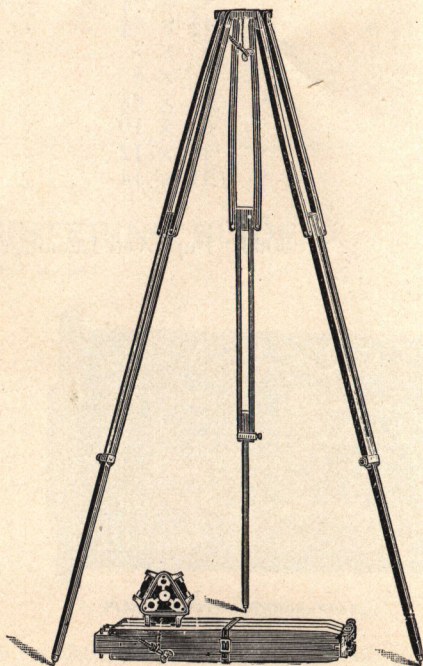
The great popularity of this Tripod speaks volumes for the merits of its design.

Its construction is similar to the well known Combination, being really the smaller sizes of this form. It is made in more compact form, and combines the rigidity of the folding tripod, folding shorter than the ordinary style.

Its merits are so readily seen by referring to cut, that we forego a lengthy description. It is made of best material, and A1 in all respects, with cloth-covered top.

Cat. No. 3000A.	Size No. 00	.	\$4 00
" 3001A.	" 0	.	4 00
" 3002A.	" 1	.	4 50

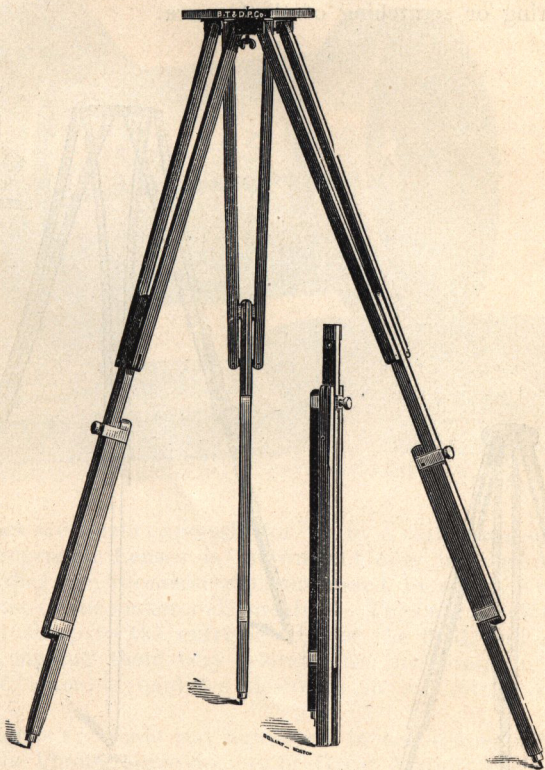
Any of above with extra finish,
\$1.00 additional.



Nos. 3000 A-3001 A, OPEN AND FOLDED.

THE BLAIR COMBINATION TRIPOD.

Possessing all the qualities of the Compact Tripod, except that, owing to the size, it is not constructed in a form that will admit of being folded so compactly.

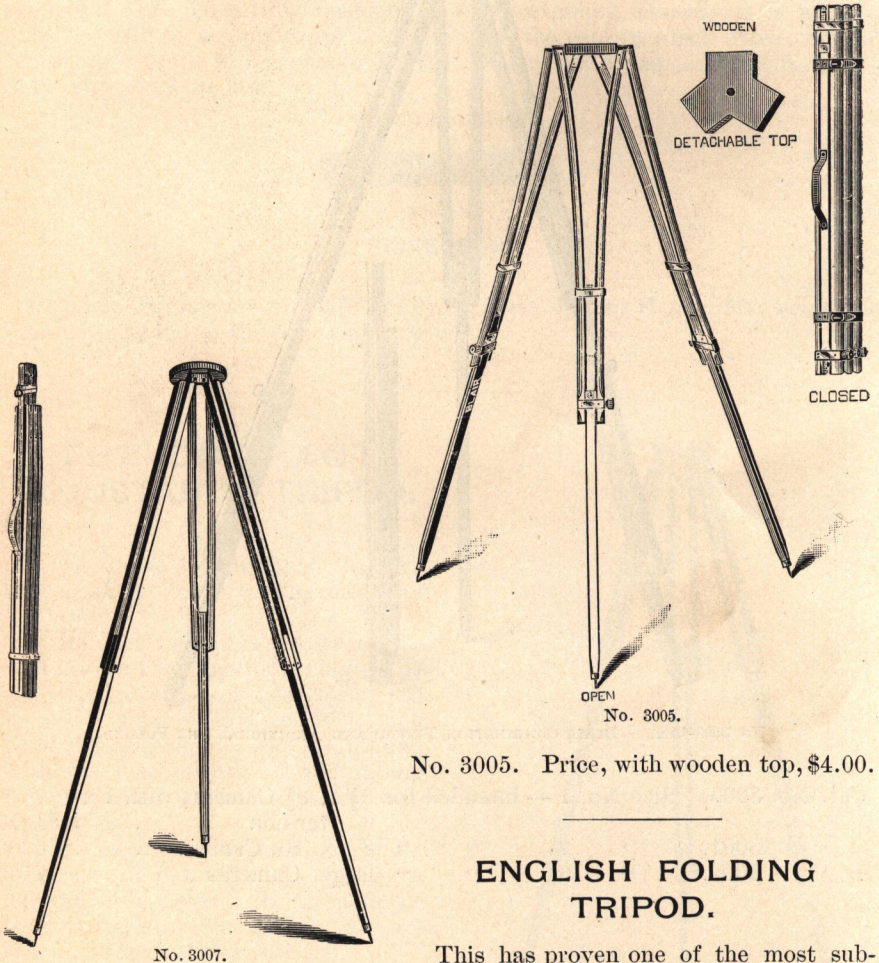


No. 3000-3002. BLAIR COMBINATION TRIPOD AND ADDITIONAL LEG FOLDED.

Cat. No. 3000.	Size No. 1	— intended for $6\frac{1}{2} \times 8\frac{1}{2}$ Camera, with Extension . . .			\$4 50
“ 3001.	“ 2	“ “	8 × 10, Camera . . .	6 00	
“ 3002.	“ 3	“ “	larger Cameras . . .	7 50	

THE FEATHER-WEIGHT TRIPOD, ADJUSTABLE.

The legs of this tripod are telescopic, and very rigid when set up. They are made of best quality well-seasoned maple, polished. The wooden tops are made of three pieces glued together and covered with cloth to prevent any marring or scratching of the Camera.



No. 3005. Price, with wooden top, \$4.00.

ENGLISH FOLDING TRIPOD.

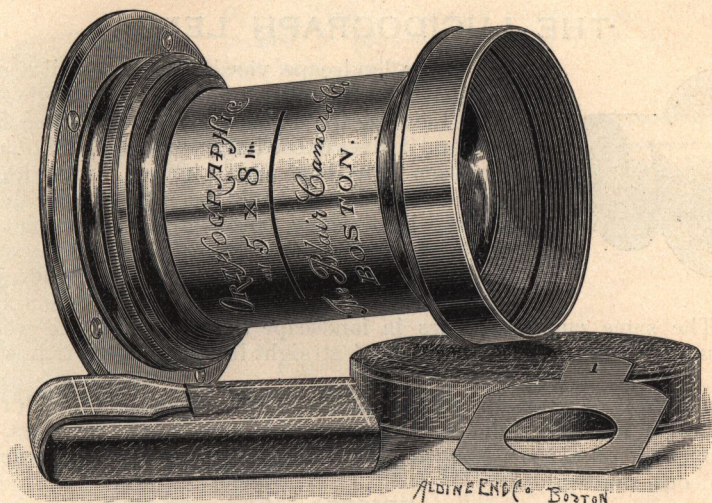
This has proven one of the most substantial forms of tripod yet introduced; it combines rigidity, ease of adjustment, and compactness when folded.

PRICE.

No. 3007. Made of the best quality straight-grained maple . . . \$2 50

LENSES.

ORTHOGRAPHIC LENS.



These Lenses are made expressly for us by a maker whose fame for his unequalled Photographic Lenses is known not only in Europe but in this country, where they are pronounced unsurpassed by any. Every Lens has both the guarantee of the maker and ourselves. They are absolutely aplanatic, can be focussed sharp to the extreme edge of the field, and are extremely rapid in action, making them very desirable for instantaneous work. They combine all the valuable qualities desirable in a Portrait or Landscape Lens.

The diaphragms are made and numbered in accordance with the recommendations of the Photographic Society of Great Britain, each number being double that of the preceding one, and requiring twice the exposure.

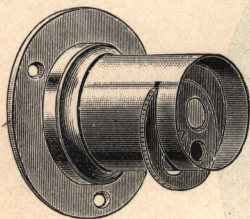
PRICES.

Cat. No.	No.	Size of Plate.	Size of Portrait.	Dia. of Lenses.	Back Focus.	Equiv. Focus.	Price,
1600	1	$3\frac{1}{4} \times 4\frac{1}{4}$		$\frac{7}{8}$ in.	$4\frac{3}{4}$ in.	5 in.	\$15 00
1601	2	4×5	$3\frac{1}{4} \times 4\frac{1}{4}$	1 "	$5\frac{1}{8}$ "	$6\frac{1}{4}$ "	20 00
1602	3	5×8	$4\frac{1}{4} \times 5\frac{1}{2}$	$1\frac{1}{4}$ "	$7\frac{1}{2}$ "	8 "	30 00
1603	4	$6\frac{1}{2} \times 8\frac{1}{2}$	5×7	$1\frac{1}{2}$ "	$9\frac{1}{4}$ "	10 "	35 00
1604	5	8×10	$6\frac{1}{2} \times 8\frac{1}{2}$	$1\frac{3}{4}$ "	11 "	12 "	45 00
1605	6	10×12	8×10	2 "	$13\frac{1}{4}$ "	$14\frac{1}{4}$ "	60 00
1606	7	11×14	10×12	$2\frac{1}{4}$ "	$15\frac{1}{4}$ "	$16\frac{1}{2}$ "	70 00
1607	8	14×17	12×15	$2\frac{3}{4}$ "	$17\frac{1}{2}$ "	19 "	125 00
1608	9	20×22	17×20	3 "	20 "	22 "	150 00

When the party is known to us we will send any size on ten days' trial, providing express charges and cost for any damages will be paid.

Remember, we want no one to buy the "ORTHOGRAPHIC LENSES" until perfectly satisfied of their good qualities.

THE LUCIDOGRAPH LENS.



"For landscape viewing, it is a well-conceded fact that there is nothing better than a Single Achromatic Lens, as the expression of perspective is natural, and it gives exceedingly uniform definition. We have seen many landscape pictures made with them which were all that could be asked for by the most critical, also many portraits and even interiors, which were in themselves gems; but by the curving of straight lines on the outer edge of the picture, they are not recommended for this latter class of

work. The same curving occurs in landscape views, but as the works of nature are not, as a rule, composed of straight lines, the distortion is unnoticeable.

This Lens is of extra fine quality, handsomely mounted, fitted with revolving diaphragm, and will make charming portraits, groups, and interiors. The largest opening of a 5×8 lens should be used in making 4×5 pictures with instantaneous shutter.

PRICES.

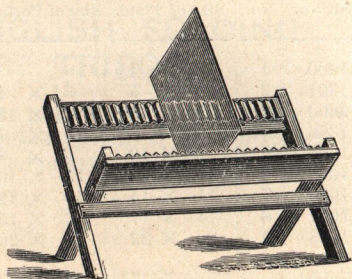
Cat. No.	Maker's No.	Size of Plate on which the lens will cut the image clearly to edge.	Diameter of Lens.	Diameter of Flange.	Back Focus.	Price.
1570	1	$3\frac{1}{4} \times 4\frac{1}{4}$	$1\frac{1}{4}$ in.	$2\frac{1}{8}$ in.	5 in.	\$5 00
1571	2	$4\frac{1}{4} \times 5\frac{1}{4}$	$1\frac{1}{2}$ "	$2\frac{1}{2}$ "	8 "	5 00
1572	3	5×8	$1\frac{3}{4}$ "	$2\frac{3}{4}$ "	$9\frac{1}{2}$ "	6 00
1573	4	$6\frac{1}{2} \times 8\frac{1}{2}$	$1\frac{7}{8}$ "	$2\frac{3}{4}$ "	10 "	7 00
1574	5	8×10	$1\frac{7}{8}$ "	$2\frac{3}{4}$ "	11 "	8 00

NEGATIVE DRYING RACKS.

Indispensable for convenience and to prevent negatives becoming scratched while drying.

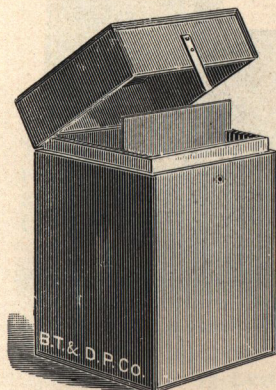
Cat. No. 2045. Price for plates to
 8×10 in size . . . 50 cents.

Cat. No. 2046. Price for plates to
 14×17 in size . . . 90 cents.



NEGATIVE BOXES.

The trouble of unwrapping and wrapping a package of plates in the dark-room when filling a plate-holder in a hurry, suggests the convenience of this article, also as a convenient and durable means of storing negatives. Thoroughly and neatly made, with joints broken to protect the plates from light. Each box holds 24 plates.



PRICE LIST.

No.	Size.	Price.
2050	$3\frac{1}{4} \times 4\frac{1}{4}$	\$0 75
2051	4×5	80
2052	$4\frac{1}{4} \times 5\frac{1}{2}$	90
2053	$4\frac{1}{4} \times 6\frac{1}{2}$	90
2054	5×7	1 00
2055	5×8	1 00
5056	$6\frac{1}{2} \times 8\frac{1}{2}$	1 10
2057	8×10	1 25

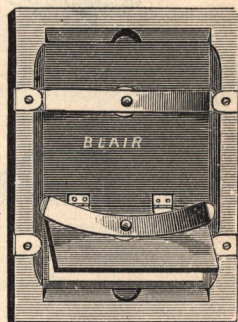
Fitted with lock and key, extra charge. Larger sizes to order.

DROP SHUTTERS.

No.		Price.
3060	Standard Drop Shutter, No. 1	\$1 50
3061	“ “ “ No. 2	1 50
3062	Standard Drop Shutter, operated by bulb, and 3 ft. tubing	3 00

BLAIR'S SUPERIOR PRINTING-FRAMES.

These Printing-Frames have all the latest and most improved attachments, swivelling washers under the springs, which are riveted instead of being held by screws. The back is made to open at centre, or two-thirds, whichever style may be wanted, though the latter is recommended, allowing, as it does, more of the print to be seen during printing, without danger of shifting the paper.



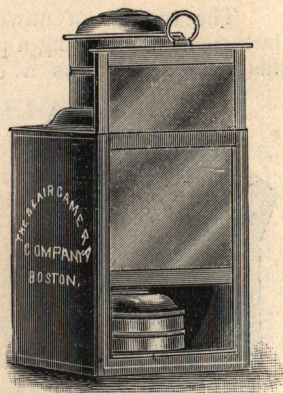
PRICE LIST.

No.	Size.	Price.	No.	Size.	Price.
3010	$3\frac{1}{4} \times 4\frac{1}{4}$, flat	\$0 36	3015	5×7 , or 5×8	\$0 52
3011	4×5	38	3016	$6\frac{1}{2} \times 8\frac{1}{2}$, flat	60
3012	$4\frac{1}{4} \times 5\frac{1}{2}$	40	3017	8×10	75
3013	$4\frac{1}{4} \times 6\frac{1}{2}$	42	3018	10×12	1 00
3014	4×7 , or 4×8	42	3019	11×14	1 85

When the pressure-board opens lengthwise 10% is added to the above price. Larger sizes to order.

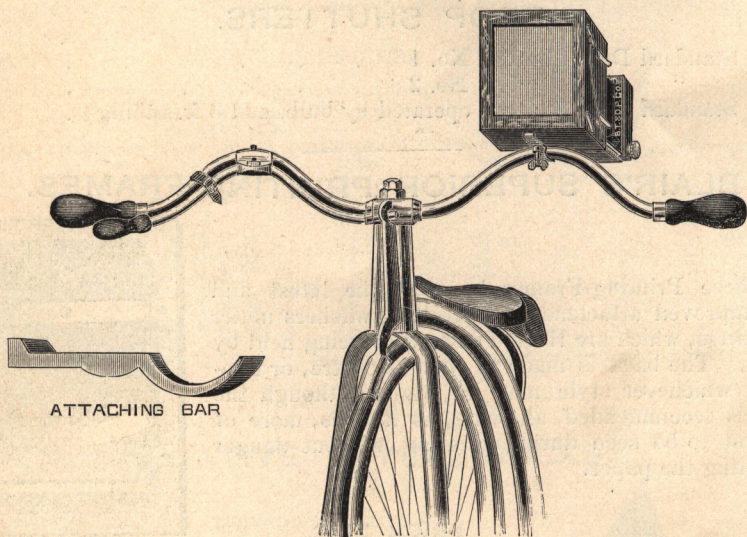
THE TRIUMPH RUBY LANTERN.

This Lantern, though previously considered the best-made lantern sold, has been greatly improved both in appearance and utility, and is now as near perfect as can be made. The glass is encased in a neatly made metal frame, which is easily removed; in front of the ruby glass is space for a glass of another color, or orange paper. We warrant this lantern to be all we claim for it, viz., practical, white-light proof, free from unpleasant fumes, and perfectly cool at the base while burning. It is particularly adapted for photo-micrography, or the making of transparencies and lantern slides, as the ruby glass is easily withdrawn, and a powerful reflector at the back strengthens the power of the light many times. Directions with each lantern. No. 2005. Price, \$2.50.



No. 2005.

BICYCLING ATTACHMENTS.



SHOWING No. 1560 ATTACHED TO BICYCLE BY MEANS OF USING No 3024.

The demand is so rapidly growing for a Camera which can be carried on Bicycle, and the compactness of the Lucidograph makes it so well adapted for this purpose, that we have arranged convenient and reliable attachments, which will now enable the Bicyclist to secure the many beautiful scenes to be met with in his *tours*. First we have the Telescopic Bar, used in making a tripod of the Bicycle.

By placing the forked end under the hub, and the pointed end in the ground, and by strapping the brake tightly to the handle, and allowing the wheel to cant sufficiently to hold it rigid, a very convenient stand is arranged.



OPEN.



CLOSED.

The use of the Plain "Attaching Bar" is self-evident, the half round being to receive the handle of the Bicycle, the tripod screw passing through the bar, and clamping the handle of the Bicycle and projection or bar against the Camera.

The attaching bar with ball socket adjustment, allows the Camera being pointed in any direction without moving the Bicycle.

The telescopic bar can be attached to the handle when riding, and the Camera to the saddle-bag, or both can be strapped over the shoulder to suit the fancy of the rider.

The $3\frac{1}{4} \times 4\frac{1}{4}$ Lucidograph is especially designed for this purpose.

No. 3024.	Price of Plain Attaching Bar	.	.	.	.	.	\$0 50
" 3025.	" " Attaching Bar with ball sockets	.	.	.	.	.	1 50
" 3026.	" " Telescoping Bar	.	.	.	.	.	1 50

THE EXCELSIOR PAPER-CUTTER.

The excelsior paper-cutter is better and more rapid than a knife, and superior to anything in use for trimming photo. prints. Having a circular revolving blade, extra hardened, and with sharp chisel edge which will not turn, it makes a clean cut. It does not PINCH OFF the paper. The bevelled cutting edge being at the side, and not in the centre, the knife may easily be sharpened by removing the screw and rubbing it flat on an oil-stone, which gives it a decided advantage over any other. In cutting, always use a glass surface. No. 3028. Price 50 cents.

RECESS OR EXTENSION FRONTS.

These are used as a means in decreasing the distance between the ground glass and the front of a Camera for an exceedingly short-focus lens, and can be reversed to increase the focussing capacity in using one of a very long focus or when copying.

PRICE LIST

FOR REVERSIBLE BACK CAMERAS.

No.	Size of Camera.	Price.
3046	$4\frac{1}{4} \times 5\frac{1}{2}$	 \$1 50
3047	5×7	
3048	$6\frac{1}{2} \times 8\frac{1}{2}$	 2 00
3049	8×10	
3050	11×14	

The longest extension front made for this style of Camera, except to order, is 5 inches, and shortest $3\frac{1}{2}$ inches; the latter will reverse into and allow the Camera to close.

FOR ORIGINAL COMBINATION CAMERAS.

No.											
3051	4	×	5	}	.	.	.	.	.	.	\$1 25
3052	5	×	8		.	.	.	.	.	.	
3053	8	×	10		.	.	.	.	.	.	2 00

Special sizes to order at an increased cost.

The longest extension front made for this style of Camera, except to order, is 4 inches, and shortest 3 inches; the latter will reverse into and allow camera to close.

PRICE LISTS OF SPECIAL PARTS OF CAMERAS.

In ordering special parts it is always a safe and simple plan, when the shape will admit, to lay the part of which a duplicate is desired on a paper, and outline the size, etc. In fact, this applies with equal effect in ordering Plate-Holders, etc.

REVERSIBLE ADJUSTERS.

REVERSIBLE ADJUSTERS.							Price.
For	$4\frac{1}{4} \times 5\frac{1}{2}$	Camera, Reversible Back	.	.	.	.	\$5 00
"	5×7	"	"	"	"	"	5 00
"	$6\frac{1}{2} \times 8\frac{1}{2}$	"	"	"	"	"	6 00
"	8×10	"	"	"	"	"	7 00
"	5×8	Combination Camera (B)	.	.	.	.	4 00
Special sizes 10% to 20% extra.							

COMBINATION CAMERA LENS BOARDS.

COMBINATION CAMERA LENS BOARDS.					Price.
Lens (or Front)	Boards for	4 × 5,	Sliding and Stationary	.	\$0 35
"	"	"	5 × 8 (A)	" "	45
"	"	"	5 × 8 (B)	" "	45

IMPROVED REVERSIBLE BACK CAMERA LENS BOARDS.

IMPROVED REVERSIBLE BACK CAMERA LENS BOARDS.										Price.
Lens (or Front) Boards for	4½	×	5½	.	.	.	.	.	.	\$0 35
“ “ “ “	5	×	7	.	.	.	.	.	.	45
“ “ “ “	6½	×	8½	.	.	.	.	.	.	50
“ “ “ “	8	×	10	.	.	.	.	.	.	55

Lens Boards for Improved R. B., Champion, and Cincinnati Cameras are interchangeable. A 4×5 lens board for any of above Cameras will fit a 5×7 Compact; also a 5×7 lens board of the former will fit a $6\frac{1}{2} \times$ Compact, and a $6\frac{1}{2} \times 8\frac{1}{2}$ will fit an 8×10 Compact Camera.

COMPACT CAMERA LENS BOARDS.

COMPACT CAMERA LENS BOARDS.							Price.
Lens (or Front) Boards	5	7					\$0 35
"	"	5	8				
"	"	6½	8½				45
"	"	8	10				50

COMBINATION CAMERA FRONTS, SLIDING.

	Price.
Sliding Front for 5 × 8 (A) Vertical, not including Lens Board	\$1 25
“ “ “ 5 × 8 (A) Horizontal	1 25
“ “ “ 5 × 8 (B) Vertical	1 25
“ “ “ 5 × 8 (B) Horizontal	1 25

Lucidograph Lens Boards, 35 cents each, all sizes. State size wanted when ordering.

In ordering Front (Lens) boards for special Cameras it is necessary that outside size be given, with depth and width of rabbet.

	Size 4 × 5	11 × 14
Folding Beds, without Racks, from	50 cts. to	\$3 50
Ground Glass, in Frame, from	75 cts. to	\$3 00
Thumb Screws, from	15 cts. to	40 cts.

PRICE LISTS OF SPECIAL PARTS OF TRIPODS.

	Price.
Heads without Screw	\$0 75
Single Legs	75
Attaching Screws, plain	25
“ “ with attaching chain	30

BELLOWS.

PRICE LIST OF CONE RUBBER BELLOWS FOR REVERSIBLE BACK CAMERAS.

Size of Camera.	Price.
4 × 5	\$2 25
4½ × 5½	2 50
5 × 8	3 25
6½ × 8½	3 25
8 × 10	3 75

PRICE LIST OF STRAIGHT BELLOWS FOR COMBINATION CAMERAS.

Size of Camera.	Price.
4 × 5	\$1 50
5 × 8 (A)	2 25
5 × 8 (B)	2 25

These are for our regular size of best rubber bellows. Special sizes to order, and estimates furnished.

Leather Bellows, 50% additional to prices quoted above.

Directions for Ordering Special Bellows.

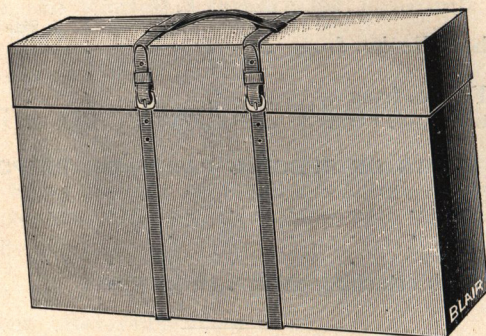
Give outside dimensions of the front and back frames, not the rubber folds, and the length when extended; likewise the depth of folds should be stated.

The price of first special Bellows is always made to cover the cost of making pattern. The cost of those for Cone Bellows ranges from \$5.00 to \$10.00; Straight Bellows from \$2.00 to \$5.00.

OTHER PARTS AT CORRESPONDING PRICES.

We do not always carry "special" parts in stock, and cannot guarantee to fill orders promptly. We can give no price of parts for trimming, or agree to fill orders for them *unless convenient*.

CARRYING CASES.



CARRYING CASE FOR "COMPACT" CAMERA, 5 F. W. HOLDERS, AND "COMPACT" TRIPOD.

PRICE LIST OF CARRYING CASES.

Carrying Case, for	4	×	5,	Combination Camera, with Strap and Handle,	\$1 35
"	"		5	×	8, " " " 2 25
"	"		4 $\frac{1}{4}$	×	5 $\frac{1}{2}$, Reversible Back, Duck Cloth . . . 2 25
"	"		5	×	7 " " " 2 50
"	"		6 $\frac{1}{2}$	×	8 $\frac{1}{2}$ " " " 2 75
"	"		8	×	10 " " " 3 25
"	"		11	×	14 " " " 4 00
"	"		5	×	8 Extension Duck Cloth . . . 2 00
"	"		8	×	10 " " " 2 25
"	"		10	×	12 " " " 2 50
"	"		11	×	14 " " " 2 75
"	"		3 $\frac{1}{4}$	×	4 $\frac{1}{4}$ Lucidograph Duck Cloth . . . 2 00
"	"		4 $\frac{1}{4}$	×	5 $\frac{1}{2}$ " " " 2 25
"	"		5	×	8 " " " 2 50
"	"		6 $\frac{1}{2}$	×	8 $\frac{1}{2}$ " " " 2 75
"	"		Lucidograph or Compact Camera, having partition, carrying 5 Feather-Weight Holders and Compact Tripod on top, with two straps and adjustable handle. Prices range from \$3.00 for 5 × 7, to \$4.00 for 8 × 10.		

Extra straps from 25 to 55 cts.

MEASUREMENT FOR PLATE-HOLDERS.

Size.	Style.	Outside Dimensions, inch.	
$3\frac{1}{4} \times 4\frac{1}{4}$	Feather-Weight Holder for R. B. Adjuster .	$6\frac{1}{4} \times 4\frac{1}{4}$	10000000
4×5	" " " " " "	5×7	10000000
$4\frac{1}{4} \times 5\frac{1}{2}$	" " " " " "	$5\frac{1}{4} \times 7\frac{1}{2}$	10000000
5×7	" " " " " "	$9\frac{1}{8} \times 6$	10000000
5×8	" " " " " "	$10\frac{1}{4} \times 6$	10000000
$6\frac{1}{2} \times 8\frac{1}{2}$	" " " " " "	$10\frac{1}{2} \times 7\frac{1}{2}$	10000000
3×10	" " " " " "	$12\frac{1}{4} \times 9\frac{1}{4}$	10000000
4×5	Blair Patent Holder .	$6\frac{3}{4} \times 5\frac{1}{4}$	1
5×8	" " " " " "	$10\frac{3}{8} \times 7\frac{1}{2}$	1
$6\frac{1}{2} \times 8\frac{1}{2}$	" " " " " "	$7\frac{1}{2} \times 10\frac{1}{2}$	1
8×10	" " " " " "	$12\frac{1}{2} \times 10$	1
8×10	" " " " for Extension .	$12\frac{1}{2} \times 9\frac{1}{2}$	1
10×12	" " " " " "	11×14	1
11×14	" " " " " "	$16\frac{1}{2} \times 13$	1
5×7	English Holders .	$8\frac{3}{4} \times 6\frac{1}{4}$	1
5×8	" " " " " "	$9\frac{3}{8} \times 6\frac{1}{4}$	1
$6\frac{1}{2} \times 8\frac{1}{2}$	" " " " " "	$10\frac{1}{2} \times 7\frac{3}{4}$	1
8×10	" " " " " "	$12 \times 10\frac{3}{4}$	1
10×12	" " " " " "	15×12	1
11×14	" " " " " "	17×13	1

"Hub Brand" Ready Sensitized Albumen Paper.

FOR PRINTING.

Package containing two dozen sheets,	4 x 5 size	Price per Package.
" " " " " "	5×8	\$0 38
" " " " " "	$6\frac{1}{2} \times 8\frac{1}{2}$	75
" " " " " "	8×10	1 00
" " " " " "	"	1 50

This paper is made by a well-known manufacturer. Its quality is of the best, it is highly sensitized, prints readily, and tones to any desired tint with the greatest facility. It yields effects in no wise inferior to those obtainable with freshly sensitized paper. Its keeping qualities are extraordinary, as excellent prints may be made with it a year after sensitizing. Packages and rolls are not broken. Formulæ for printing and toning accompany each package. For the amateur who has not the time, skill, inclination, or appliances to sensitize, this Ready Sensitized Paper is an indispensable requisite, whilst to the professional photographer it offers numerous advantages which he will not be slow to recognize.

"Hub Brand" Ferro-Prussian Paper.

This paper is of our own manufacture, and of a uniform sensitiveness. Easily manipulated and very convenient for making proofs from negatives, while for rapid reproduction of plans, drawings, etc., giving white lines on blue ground, it is unexcelled. Instructions with each package. Put up in packages of two dozen sheets.

PRICE "HUB BRAND" FERRO-PRUSSATE PAPER.

Size.													Price per Package.
4 × 5	.	.	.	.	.	.	.	.	.	.	.	.	\$0 25
4½ × 6½	.	.	.	.	.	.	.	.	.	.	.	.	30
5 × 7	.	.	.	.	.	.	.	.	.	.	.	.	40
5 × 8	.	.	.	.	.	.	.	.	.	.	.	.	45
6½ × 8½	.	.	.	.	.	.	.	.	.	.	.	.	60
8 × 10	.	.	.	.	.	.	.	.	.	.	.	.	80

As all Ferro-Prussiate paper deteriorates rapidly with age, we put the date at which the paper was prepared on each wrapper.

The "Hub" Concentrated Universal Developer.

IN TWO SOLUTIONS.

8 oz. in each bottle. Adapted for any make of Dry Plates. The most economical developer in use. Price, 75 cents.

The "Hub" Concentrated Hydrokinone Developer.

ONE SOLUTION.

For Transparencies and Photo-Engravers' Negatives. Giving clear and transparent lines and shadows, and with strong high lights. 8-oz. bottles, 35c., 16-oz. bottles, 70c.

"Hub Brand" Concentrated Toning Solution.

By which the manipulator can obtain any color from a sepia to an intense black and white, if so desired.

The bath can be used indefinitely by simply adding ½ ounce more of Stock Toning Solution before using. Try it, you will use no other.

Per ½ pint, 50c. ; pint, \$1.00.

THE "HUB" EVER-READY PASTE,

For mounting Photographs, Scraps, Pictures, etc. It never sours or moulds. Price: ½ pint jar, 25c. ; pint jar, 35c. ; quart jar, 65c.

Mitchell's Anti-Cockling Mounting Solution,



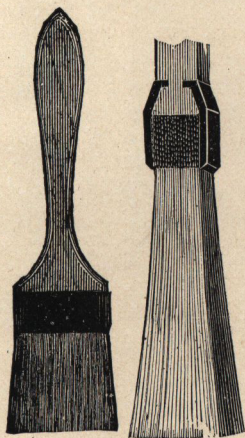
For mounting Photographic Prints without curling when dry. Prints mounted with this Solution will remain perfectly flat when dry, will not cockle, bend, or twist, and do not require burnishing. Price, 50 cts. half pint, 85 cts. pint, \$1.50 quart.

Photographers' Brushes, Bound and Set in Metal and Hard Rubber.

These brushes are practically indestructible so far as being affected in any way by the solution in which they may be used. They will not drop to pieces in a dry atmosphere, and are not attacked by rust rot when kept in damp places.

Their construction involves a new principle. No metal whatever of a corrosive nature is used. The bristles are firmly held together by being first dipped in a composition of soft rubber; the handle is then placed close up to the butt of bristles (not wedged in, as is usual), and around the whole is wound a strip of rubber and metal wire combined, covering the butt of the bristles and filling a groove running around the bristle end of handle. (See sectional illustration.)

The portion of the brush covered with rubber is then vulcanized or hardened, the result being a solid rubber head, in which the handle and bristles are so firmly held that it is impossible for them to become loose or separated. It is self-evident that this method of constructing brushes is far superior to the old modes.



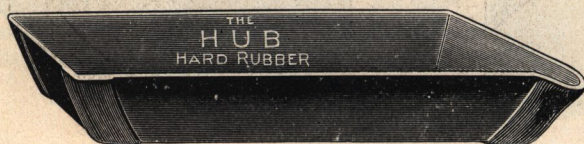
PRICES ARE AS FOLLOWS.

Width.		Each.	Width.		Each.
1 in.	Camel's Hair	\$0 38	1 in.	Bristle Paste	\$0 20
1½	"	57	1½	"	25
2	"	75	2	"	35
2½	"	95	2½	"	45
3	"	1 13	3	"	50

"HARD RUBBER" DEVELOPING TRAYS.

The "Hard-Rubber" Developing Trays are made of the best quality of hard rubber, are deeper (as will be seen by measurements) than the ordinary shallow rubber tray, and with bound corners, and a lip for pouring.

They are a superior article, and should be seen by every photographer.



Size, 4¼ × 5½.	For Plates 3¼ × 4¼, and 4 × 5.	1½ in. deep,	\$0 50
" 5½ × 7½.	" 4¼ × 5½, " 4¼ × 6½, 5 × 7.	1½	60
" 5½ × 8½.	" 5 × 8.	1½	70
" 7 × 9.	" 6½ × 8½.	1½	88
" 8½ × 10½.	" 8 × 10.	1½	1 15
" 11 × 13.	" 10 × 12.	2	1 75
" 12 × 15.	" 11 × 14.	2½	2 40
" 15 × 18.	" 14 × 17.	2½	4 00
" 19 × 23.	" 18 × 22.	2½	5 75
" 21 × 25.	" 20 × 24.	2½	7 50

These prices are subject to change without notice.

HUB BRAND "INDENTED RUBBER TRAYS."

Patented May 24, 1877.



EASILY KEPT CLEAN.

These trays are so constructed as to allow the plate to lie flat on the bottom, yet have all the advantages of the old developer wasting form with ridges.

The indentations permit the finger to be inserted freely under the plate without any danger of scratching.

They are made to waste the least amount of developer possible, and are acknowledged to be the best tray in the market.

PRICE LIST

Size, $4\frac{1}{2} \times 5\frac{3}{4}$	For Plates $3\frac{1}{4} \times 4\frac{1}{4}$, 4×5 , and $4\frac{1}{4} \times 5\frac{1}{2}$	$\frac{3}{4}$ in. deep,	\$0 28
" $5\frac{1}{2} \times 8\frac{1}{2}$	" $4\frac{1}{4} \times 6\frac{1}{2}$, 5×7 , „ 5×8	$\frac{3}{4}$ "	0 56
" 7×9	" $6\frac{1}{2} \times 8\frac{1}{2}$	1 "	0 72
" $8\frac{1}{2} \times 10\frac{1}{2}$	" 8×10 ,	$1\frac{1}{8}$ "	1 08
" 11×13	" 10×12 ,	$1\frac{1}{4}$ "	1 56

These prices are subject to change without notice. Look for the stamp "Hub Brand" on the bottom.

THE UNIQUE PRINTING FRAME SUPPORT.

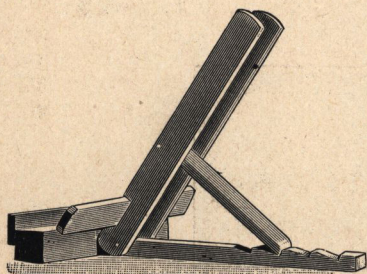


FIG. 1.

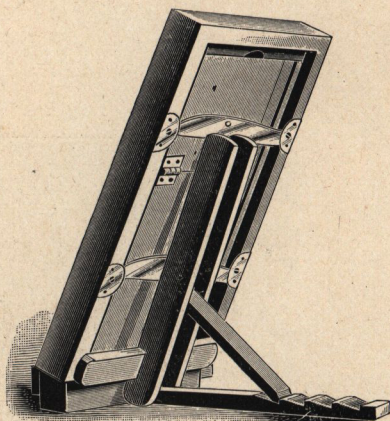


FIG. 2.

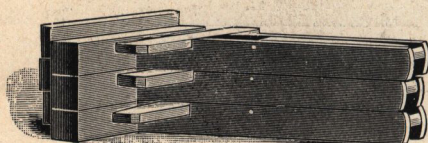


FIG. 3.

The accompanying illustrations present an article which needs but few words to explain its use and merits. A support which enables the printer to adjust his frames at various angles as the sun changes position, which is compact when folded, fills a long-felt want. Fig. 1 shows the support adjusted for holding the frame (or frames). Fig. 2 shows frame in position. Fig. 3 shows support as packed when not in use.

Price, 25 cents each ; \$2.50 per dozen.

RICHARDSON'S GLACÉ LUBRICATOR.

Entirely new, and the best imitation of Glacé ever discovered. Just as easy to apply as common soap lubricator, and as beautiful results can be obtained as with the real Glacé method.

There are times when every photographer has trouble in burnishing his prints. They will not take polish. With the use of this lubricator the trouble is always avoided. It produces a BEAUTIFUL RICH SATIN POLISH, unequalled by any other process, "Glacé, carbon, aristotype, or transfers." Nothing heretofore ever used makes a picture look so beautiful. It can now be used on any kind of mount, colored or otherwise. Color or spotting will not come off, and it never fails to produce a beautiful gloss. Full directions how to use accompany every bottle. One 4 oz. bottle will do 500 cabinets.

Price, per bottle of 4 oz., 35 cents ; per bottle of 8 oz., 70 cents.

BLACK JAPANNED DEVELOPING TRAYS.

Made of selected metal for Dry-Plate photography.

PRICE LIST.

Size, $4\frac{1}{4} \times 5\frac{3}{4}$ inch.	For plates $3\frac{1}{4} \times 4\frac{1}{4}$, 4×5 , and $4\frac{1}{4} \times 5\frac{1}{2}$, each	\$0 20
" $5\frac{1}{2} \times 8\frac{1}{2}$ "	" $4\frac{1}{4} \times 6\frac{1}{2}$, 5×7 , " 5×8 , "	25
" 7×9 "	" $6\frac{1}{2} \times 8\frac{1}{2}$, "	30
" $8\frac{1}{2} \times 10\frac{1}{2}$ "	" 8×10 , "	35
" 11×13 "	" 10×12 , "	40

DRY PLATES EXTREMELY RAPID.



These plates are warranted to be uniform in rapidity, having great latitude in development; working fine and clear, and delicate in the shadows. With proper lighting and care, the most exquisite effects are obtainable with any good developer. Specify the "Hub" when ordering.

PRICE LIST.

Size.			Size.		
$3\frac{1}{4} \times 4\frac{1}{4}$	\$0 45		8×10	\$2 40	
4×5	65		10×12	3 80	
$4\frac{1}{4} \times 5\frac{1}{2}$	75		11×14	5 00	
$4\frac{1}{4} \times 6\frac{1}{2}$	90		14×17	9 00	
5×7	1 10		16×20	12 50	
5×8	1 25		17×20	13 00	
$6\frac{1}{2} \times 8\frac{1}{2}$	1 65		18×22	15 50	

Sizes larger than 8×10 are put up half-dozen in a box.

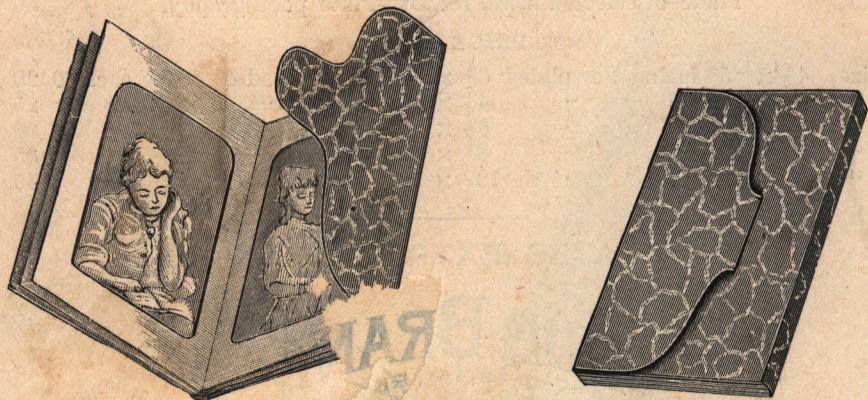
THE "HUB" MAGNESIUM FLASH POWDER.

For making instantaneous photographs at night, or in dark interiors.

Package contains sufficient for twenty exposures, each in separate box, with directions for use.

Price, per box, 50 cents.

THE GOODWIN COMPACT ALBUMS.



How often the Photographer has felt the need of something compact and inexpensive when carrying out pictures to show at society meetings and on visits to friends.

To fill this want we introduce this article, believing the two cuts which we print will illustrate its good qualities.

Made in cabinet size only. Price, 45 cents. Sent postage free for 50 cents.

IMPORTANT SUGGESTIONS

AS TO

ORDERING, SHIPMENT, AND TERMS.

THIS EDITION supersedes all former ones, and any special or outfit circulars previously published will be governed by prices herein quoted. The same, however, are subject to changes caused by fluctuations in prices of material used, etc. Buyers will receive the benefit of any reduction in price, even when not aware of the change.

Goods listed in Section A have been given a catalogue number as far as practicable, and in ordering be explicit as possible, giving name and number of article wanted; if any doubt exists in your mind, give page number, but do not mutilate the Catalogue.

Also, we would ask you to read carefully what is said of the articles you intend to include in your order, as we are compelled to fill all such of your favors by guidance of these lists, etc., and cannot be held responsible for mistakes caused by ordering without judicious reference to them.

We guarantee all goods manufactured or sold by us to be as represented, and our prices will be found on investigation to be low, compared with those of equal quality. Orders for goods of our own manufacture will be filled, if stated in the order, with the privilege of examining before paying, in accordance with our terms, which are Cash on Delivery. Express and other charges for transportation to be paid by party ordering.

Parties unknown to us, desiring goods sent C.O.D., whether with privilege of examining or not, must remit one-third the estimated amount of invoice with the order.

Write as plainly as possible, giving Name, Town, County, and State; also, Post Office address and directions for shipping—whether by Express or Freight. All orders will be shipped by Express unless otherwise requested. Small parcels, not over 4 lbs. weight, and which do not contain glass in any form, can be sent through the mail at risk of the purchaser. We do not pay postage—remit when ordering. All our goods are packed carefully, and we cannot be held accountable for any damage after a package leaves our hands.

The Express Company's charges for collecting and returning money on C.O.D. bill must be paid by party ordering goods.

Remittances may be made by Draft, Post Office or Express money orders. Amounts under \$5.00 may be sent by Postal Note.

THE BLAIR CAMERA CO.,

T. H. BLAIR, Treasurer.

THE REVISED EDITION
OF
The Amateur Guide in Photography

BY
T. H. BLAIR

Is the most comprehensive treatise for beginners ever published. It is not an advertisement of the publishers' goods, but is filled with advice and valuable information gleaned from a knowledge of the beginner's requirements, gained by constant contact with students in Photography while acquiring their knowledge of the art, extending over a period of seven years.

The price charged for it in no way represents its value.

Sent, postpaid, on receipt of 25 cents.