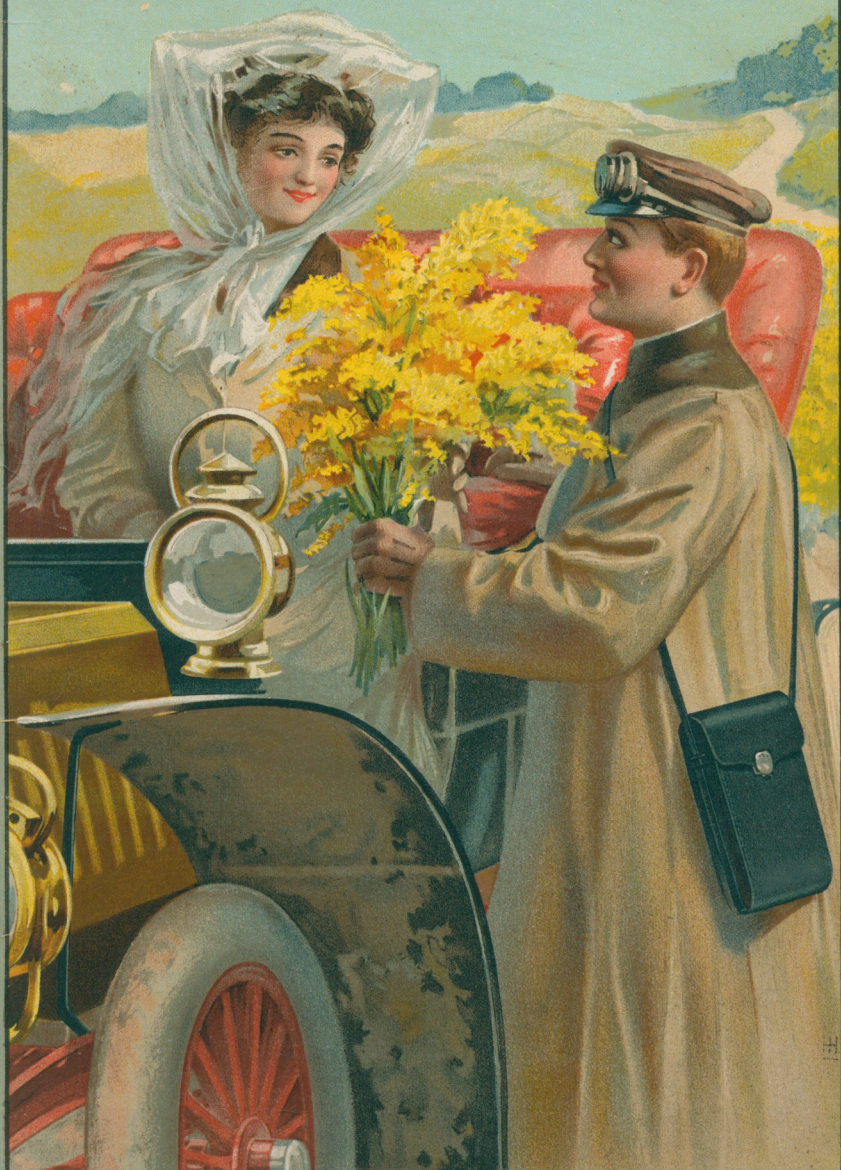


HAWK-EYE CAMERAS



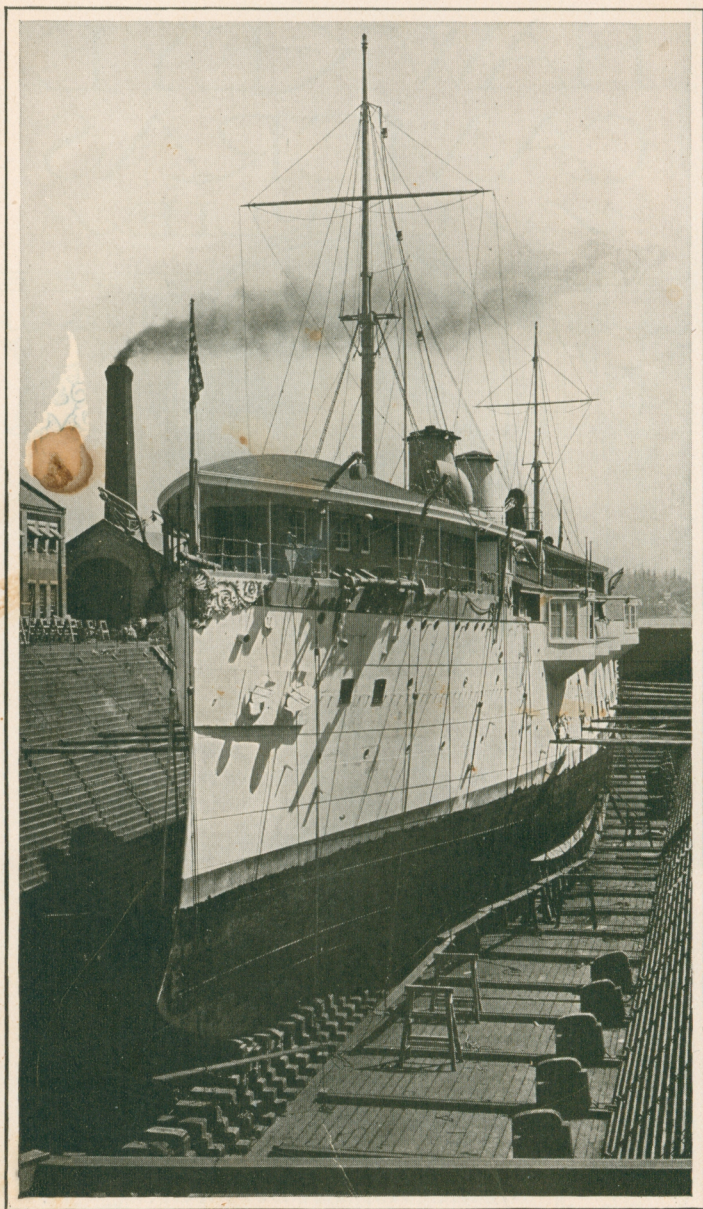
HAWK-EYE CAMERAS & SUPPLIES



1908



BLAIR CAMERA DIVISION
EASTMAN KODAK COMPANY
ROCHESTER, N. Y., U. S. A.



SPRING REPAIRS



THE CAMERA



HE man with the Camera, unlike the "Man with the Hoe," is searching after the beautiful through the influence of an art which transforms the most prosaic and every-day commonplace existence into a life full of interest, ambition and enthusiasm. His sport is not confined to the golf links, nor limited to any season of the year. His ardor melts not in summer nor congeals in winter. He is immune to loneliness and blues, and his film records the ever new and pleasing features of the passing year.

To whom does not come with the first breath of Spring an irresistible longing to flee from the busy haunts of man to God's earth is awakening from her winter's sleep? As long as a sunbeam chases sunbeam across the brook kissed meadow, and over the broad river rests the warm sunlight with kindly glow and the shadows play their hide and seek along the majestic peaks of the grand and tranquil mountains, so long will man with cheerfulness in his heart and a camera in his hand, go forth to search the picturesque and make it his. The possessor of a camera, therefore, is lured to health and gains knowledge, and unconsciously, increases his capacity for appreciation of the beautiful and artistic.

Life is a series of pictures and many of them come our way but once. Memory at its best is a broken net from which escape many of the brightest impressions received along the way, while too often those of deeper shadows it holds tight within its folds.

If you are not the possessor of a HAWK-EYE Camera you are not getting the most out of life. You are cheating yourself of recollections which should be in your treasure house. The camera is a cheerful companion and fascinating instructor. Its pictures make the home of the Camerist more than attractive, peopling it with groups of fancy and society of remembrance. When the hot breath of summer-blows its stifling gusts off the dusty streets of the city, or the chilling wind and snow of winter hold you in their grasp, these pictures will transport you as by enchantment to the fresh air and bright sun—to the murmur of the leaves and water, and enable you, as if in a pleasant dream, to cast off the cares and discomforts of life. Men have said that there is no great pleasure without more or less trouble. In the case of a HAWK-EYE Camera, it is all pleasure with no trouble.

HAWK-EYE CONSTRUCTION

OUR WATCHWORD QUALITY

IN selecting materials from which to manufacture HAWK-EYES, no expense is spared, as experience has taught us that the best is the cheapest. Each metal part is made from accurately constructed dies, so similar parts of the HAWK-EYES are interchangeable. Where wood is used in their construction, it is built up in sectional pieces so as to prevent shrinking, warping and swelling.

Aluminum is used for making the walls, back cover and bed, which gives strong, light construction. The small trimmings are made of brass, nickel plated.

DAYLIGHT ALL THE WAY



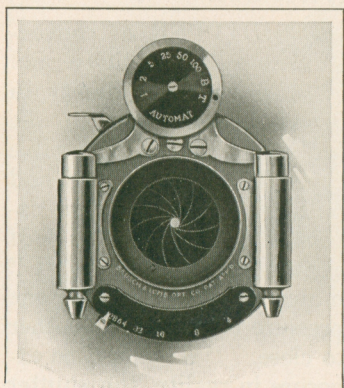
WITH the use of Blair or Eastman Daylight Loading Non-Curling Film and the Kodak Film Tank, no dark room is employed in making pictures with the HAWK-EYE, as the camera is loaded in daylight and the film developed in daylight.

The film is put up in light proof cartridges having a strip of black paper running its entire length, thus excluding the light from coming in contact with the sensitive surface. The numbers on the back of the black paper pass under the ruby window in the back of the camera, thus enabling the user to know just what exposure is to be made.

Non-curling films are furnished in 6 exposure and 12 exposure lengths, and can be purchased in any part of the world where photographic supplies are sold.

SHUTTER EQUIPMENT

B. & L. AUTOMATIC SHUTTER



ALL the latest and best ideas are embodied in the B. & L. Automatic Shutter. It is of the highest grade, strictly automatic, perfectly balanced and accurately regulated as to the variation of speed, ranging from one second to $\frac{1}{100}$ of a second, also time and bulb. An Iris diaphragm allows the aperture to be changed at will. We recommend this shutter for use with anastigmat lenses.

Furnished as regular equipment on the following Hawk-Eyes:

No. 3-A Folding Hawk-Eye, Model 2

No. 3 Folding Hawk-Eye, Model 6

No. 4 Folding Hawk-Eye, Model 3

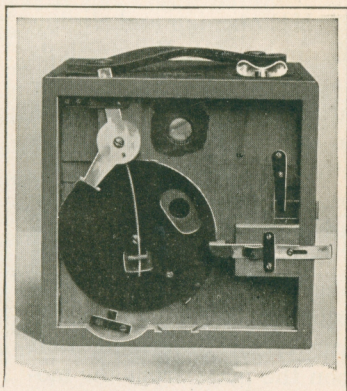
No. 4 Folding Hawk-Eye, Model 4

PRICE, No. 1 B. & L. Automatic Shutter, \$10.00

SHUTTER USED ON NOS. 2, 4, 5 AND 7 WENO HAWK-EYE

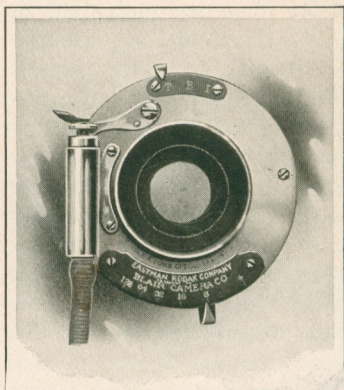
THE Hawk-Eye Rotary Shutter is used on the box style of cameras, and in connection with a single set focus Meniscus Lens, makes an ideal combination. Being rotary in design and evenly balanced, it works with the same speed and accuracy in either horizontal or vertical position. The exposures are made by pushing the release lever to the right or left or vice

versa, and it is easily changed from instantaneous to time by drawing out the time catch. The Hawk-Eye Rotary Shutter is thoroughly reliable and is one of the main features which make the Weno Hawk-Eye popular.



SHUTTER EQUIPMENT

SHUTTER USED ON NOS. 1-A, 3 AND 3-A FOLDING HAWK-EYE



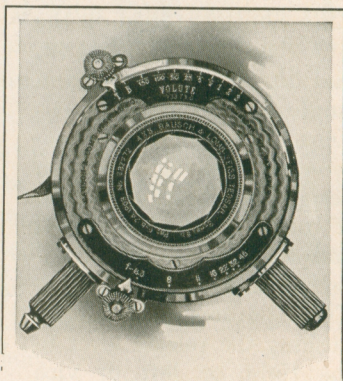
A SHUTTER of convenience, simplicity and perfection; dainty in its appearance, and of the highest grade of single valve type. It has both finger and bulb release, making an exposure when set on "I" of about $\frac{1}{50}$ of a second. "T" indicates time, requiring one pressure to open and another to close. "B" is a time exposure in reality, the shutter remaining open as long as

the pressure is held on the bulb or the finger release.

Regularly furnished on the No. 1-A Folding Hawk-Eye, No. 3 Folding Hawk-Eye, Model 5, and No. 3-A Folding Hawk-Eye, Model 1.

B. & L. VOLUTE SHUTTER

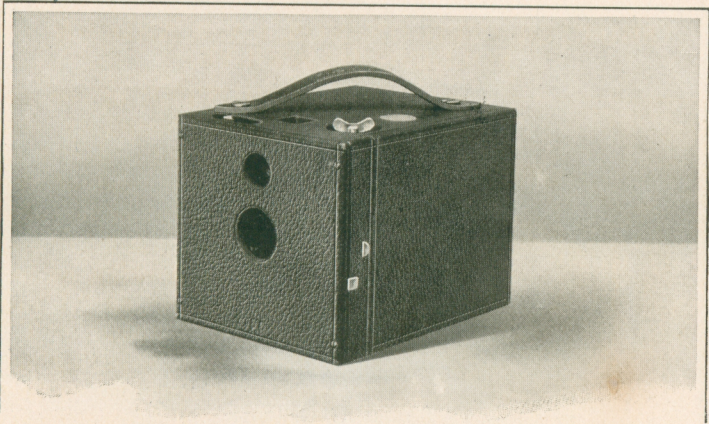
THE opening and closing point of the Volute Shutter being at the diaphragm point in the lens, gives the maximum illumination with the minimum motion, absolutely uniform exposure and an increase in the depth of focus, covering power, and definition of the lens, with no distortion of the image; the entire picture impressing itself upon the plate from the moment the shutter begins to



open until it closes. It is made of aluminum, handsomely finished, rapid, compact, convenient, dust proof and durable.

PRICE, No. 1 B. & L. Volute Shutter, \$17.00

NO. 2 WENO HAWK-EYE



Dimensions, $4\frac{1}{4} \times 4\frac{1}{2} \times 5\frac{1}{2}$ inches.
Size of Photo, $3\frac{1}{2} \times 3\frac{1}{2}$ inches.

Weight, 20 ounces.
Capacity, 12 exposures.

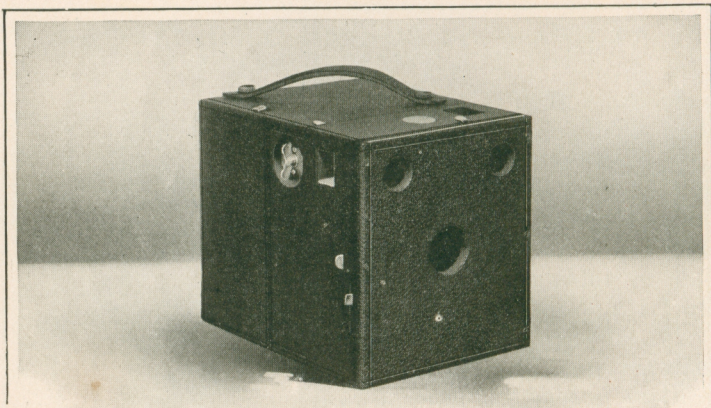
THIS instrument makes a picture $3\frac{1}{2} \times 3\frac{1}{2}$ inches, which has been a very popular size for the past thirteen years. It is moderate in price, and while it is very simple in construction, yet it has many improvements not included in cameras at twice its cost. It is fitted with an Achromatic Lens $4\frac{1}{2}$ -inch fixed focus, rotary shutter, described on page 5, which is always set, three diaphragm stops for enlarging and reducing the aperture in accordance with the volume of light required for properly timing the negative, a square brilliant finder, and tripod socket.

The No. 2 Weno Hawk-Eyes are covered with morocco grain leather and the trimmings are nickeled, giving the camera a very neat and handsome finish. All the parts are intact, so there is no danger of losing a ratchet, rod or cover in loading or unloading. The film adapted for use in this Hawk-Eye is known as No. 2 Bull's Eye, Blair Non-Curling or Kodak Film.

PRICE LIST

No. 2 Weno Hawk-Eye, not loaded,	-	-	-	-	-	\$5.00
Blair Non-Curling Cartridge Film, 6 exposures, $3\frac{1}{2} \times 3\frac{1}{2}$,	-	-	-	-	-	.30
Blair Non-Curling Cartridge Film, 12 exposures, $3\frac{1}{2} \times 3\frac{1}{2}$,	-	-	-	-	-	.60
Weno Hawk-Eye Portrait Attachment,	-	-	-	-	-	.50
Black Sole Leather Carrying Case with shoulder strap,	-	-	-	-	-	1.25

NO. 4 WENO HAWK-EYE



Dimensions, $5 \times 5\frac{3}{4} \times 6\frac{1}{2}$ inches.
Size of Photo, 4×5 inches.

Weight, 28 ounces.
Capacity, 12 exposures.

THE No. 4 Weno Hawk-Eye makes a picture 4×5 inches and though of box type is only about half the size of the usual non-folding cameras. A special feature in this instrument is that the lens is always in focus and all objects from 8 feet to any distance required are covered sharply.

The shutter is of rotary design and fully described and illustrated on page 5.

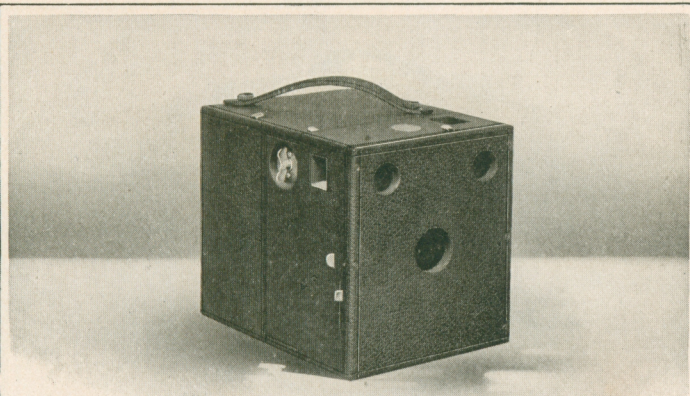
Three diaphragm stops are provided for changing the lens aperture according to the strength of light. Horizontal and vertical brilliant finders are placed in position for centering the object accurately, and sockets are provided for attaching the camera to tripod in either position.

This Hawk-Eye is arranged to use No. 4 Bull's Eye, Blair Non-Curling or Kodak Film, and is covered with seal grain morocco leather, giving it a rich and handsome finish.

PRICE LIST

No. 4 Weno Hawk-Eye, not loaded,	-	-	-	-	-	\$8.00
Blair Non-Curling Cartridge Film, 6 exposures, 4×5 ,	-	-	-	-	-	.45
Blair Non-Curling Cartridge Film, 12 exposures, 4×5 ,	-	-	-	-	-	.90
Weno Hawk-Eye Portrait Attachment,	-	-	-	-	-	.50
Black Sole Leather Carrying Case, with shoulder strap,	-	-	-	-	-	1.50

NO. 5 WENO HAWK-EYE



Dimensions, $4\frac{3}{8} \times 5\frac{1}{4} \times 6\frac{1}{2}$ inches.
Size of Photo, $3\frac{1}{4} \times 4\frac{1}{4}$ inches.

Weight, 27 ounces.
Capacity, 12 exposures.

THE No. 5 Weno Hawk-Eye makes a photo $3\frac{1}{4} \times 4\frac{1}{4}$ inches, and is a very compact box form instrument, provided with an automatic shutter and Universal Focus Lens, which enables the user to make snap shots of many subjects which would be lost in an attempt to get a folding camera in readiness for operation. The construction is exceedingly simple; the back section telescoping, which is easily removed by releasing the catches, thus giving access to the film chambers. All parts are intact and the camera is loaded without removing any rods, ratchets or screws.

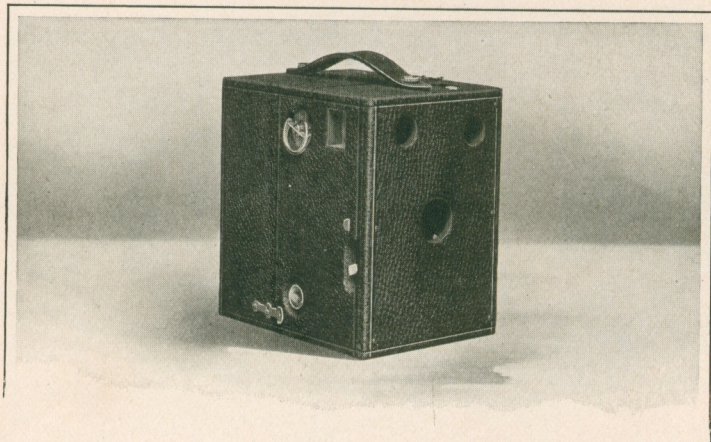
The No. 5 Weno Hawk-Eye is provided with horizontal and vertical brilliant finders for centering the object on the film, also sockets for attaching to tripod.

The No. 5 Weno Hawk-Eye is handsomely and richly finished in seal grain morocco leather and uses daylight loading film cartridges known as No. 3 F. P. K., Non-Curling Blair or Eastman Film.

PRICE LIST

No. 5 Weno Hawk-Eye, not loaded,	-	-	-	-	\$7.50
Blair Non-Curling Cartridge Film, 6 exposures, $3\frac{1}{4} \times 4\frac{1}{4}$,	-	-	-	-	.35
Blair Non-Curling Cartridge Film, 12 exposures, $3\frac{1}{4} \times 4\frac{1}{4}$,	-	-	-	-	.70
Weno Hawk-Eye Portrait Attachment,	-	-	-	-	.50
Black Sole Leather Carrying Case, with shoulder strap,	-	-	-	-	1.50

NO. 7 WENO HAWK-EYE



Dimensions, $4\frac{3}{4} \times 6\frac{3}{8} \times 6\frac{3}{8}$ inches.
Size of Photo, $3\frac{1}{4} \times 5\frac{1}{2}$ inches.

Weight, 30 ounces.
Capacity, 10 exposures.

THIS Hawk-Eye is simple in construction; yet possessed of every feature necessary to produce excellent pictures. It has a Meniscus Achromatic Lens with fixed focus of 5 inches, covering the field with extreme sharpness of distances ranging from 8 to 100 feet or more. It has a capacity of ten exposures, $3\frac{1}{4} \times 5\frac{1}{2}$ (the post card size), a shape which produces artistic landscape when used horizontally, or with the addition of a Hawk-Eye portrait attachment, portraits of delicate softness when used in a vertical position.

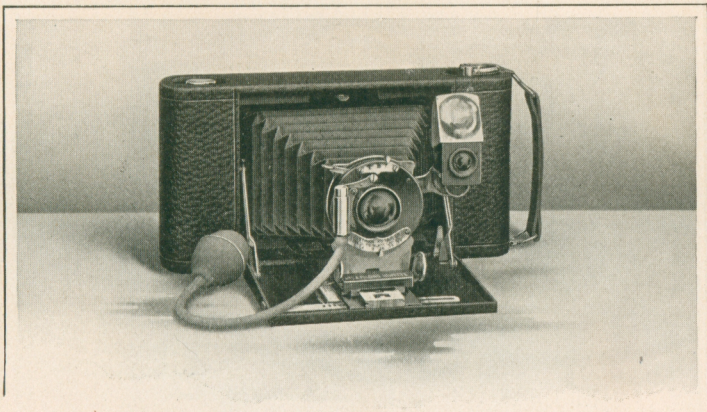
The No. 7 Weno Hawk-Eye is equipped with the Hawk-Eye Rotary Shutter, two brilliant finders and two tripod sockets. It is covered with seal grain leather, has nickeled fittings, and is handsomely finished. This Hawk-Eye uses No. 3-A F. P. K. film cartridges.

PRICE LIST

No. 7 Weno Hawk-Eye, not loaded,	-	-	-	-	-	\$8.00
Blair Non-Curling Cartridge Film, 6 exposures, $3\frac{1}{4} \times 5\frac{1}{2}$,	-	-	-	-	-	.40
Blair Non-Curling Cartridge Film, 10 exposures, $3\frac{1}{4} \times 5\frac{1}{2}$,	-	-	-	-	-	.70
Weno Hawk-Eye Portrait Attachment,	-	-	-	-	-	.50
Black Sole Leather Carrying Case, with shoulder strap,	-	-	-	-	-	1.50

NO. 1-A FOLDING HAWK-EYE

MODEL 1



Dimensions, $1\frac{3}{4} \times 4 \times 7\frac{3}{4}$ inches.
Size of Photo, $2\frac{1}{2} \times 4\frac{1}{4}$ inches.

Weight, 24 ounces.
Capacity, 12 exposures.

THE No. 1-A Folding Hawk-Eye Camera possesses individuality and elegance; is devoid of all complications, yet perfectly adapted for all-around work. It is the smallest camera fitted with Pneumatic Release Shutter; strictly high-grade, handsome design and beautifully finished.

The lens furnished with the regular equipment is a Rapid Rectilinear of excellent definition, brilliancy and depth with splendid covering power.

A Single Achromatic Lens of fixed focus, when fitted to this camera, makes a desirable outfit which does not require the judgment of distances nor the use of a focusing scale, and produces negatives full of detail and depth.

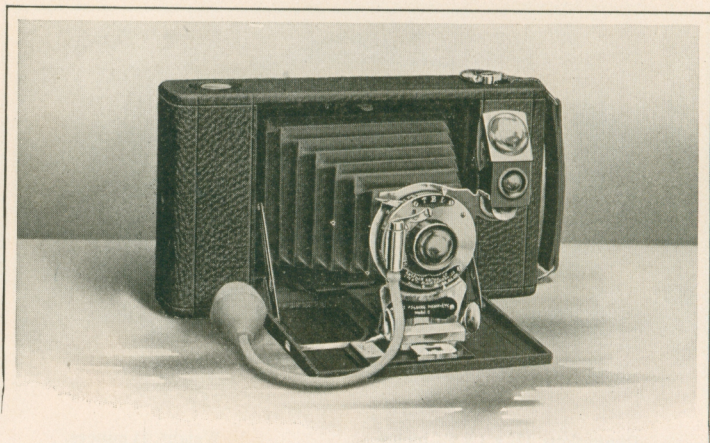
The No. 1-A Folding Hawk-Eye is made of aluminum covered with black seal grain leather; has brilliant reversible finder with hood and is fitted with tripod socket. Uses No. 1-A F. P. K. Blair or Eastman Non-Curling Film.

PRICE LIST

No. 1-A Folding Hawk-Eye, automatic focusing lock, R. R. lens, not loaded,	\$14.00
No. 1-A Folding Hawk-Eye, Single lens, not loaded,	12.50
Blair Non-Curling Cartridge Film, 6 exposures, $2\frac{1}{2} \times 4\frac{1}{4}$,	.25
Blair Non-Curling Cartridge Film, 12 exposures, $2\frac{1}{2} \times 4\frac{1}{4}$,	.50
Hawk-Eye Portrait Attachment,	.50
Black Sole Leather Carrying Case, with shoulder strap,	1.25

NO. 3 FOLDING HAWK-EYE

MODEL 5



Dimensions, $1\frac{1}{8} \times 4\frac{5}{8} \times 8$ inches.
Size of Photo, $3\frac{1}{4} \times 4\frac{1}{4}$ inches.

Weight, 25 ounces.
Capacity, 12 exposures.

THE No. 3 Folding Hawk-Eye, Model 5, is a perfectly appointed pocket camera, extremely compact and convenient, possessing all the modern ideas in camera construction.

The shutter illustrated and described on page 6 is strictly automatic and fitted with an Iris diaphragm. The lens is a Rapid Rectilinear with 5-inch equivalent focus, having great depth and covering power.

This instrument is also furnished with a single Achromatic Meniscus Lens which requires no judgment as to distance; all objects 8 feet or over being in sharp focus.

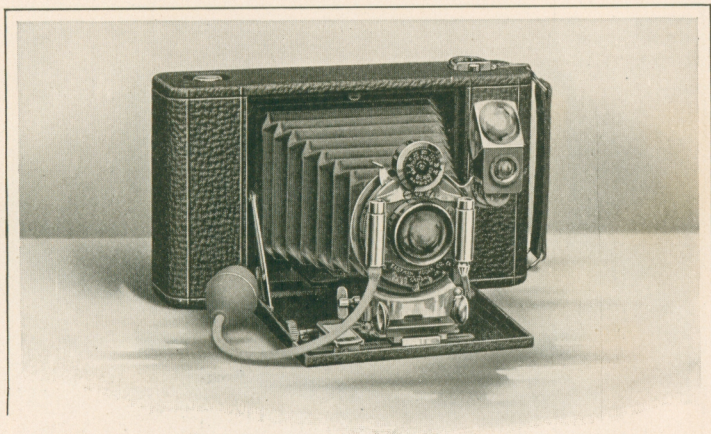
The No. 3 has automatic standard clamp, brilliant reversible finder with hood and two tripod sockets; is made of aluminum covered with black seal grain leather. It is light, strong and dainty, and uses No. 3 F. P. K. Blair or Eastman Film.

PRICE LIST

No. 3 Folding Hawk-Eye, Model 5, Auto. focusing lock, R. R. lens, not loaded,	\$15.00
No. 3 Folding Hawk-Eye, Model 5, Single lens, not loaded,	13.50
Blair Non-Curling Cartridge Film, 6 exposures, $3\frac{1}{4} \times 4\frac{1}{4}$,	.35
Blair Non-Curling Cartridge Film, 12 exposures, $3\frac{1}{4} \times 4\frac{1}{4}$,	.70
Hawk-Eye Portrait Attachment,	.50
Glass Plate Attachment (only),	3.50
Single Holder, $3\frac{1}{4} \times 4\frac{1}{4}$ inches,	.50
Black Sole Leather Carrying Case, with shoulder strap,	1.25

NO. 3 FOLDING HAWK-EYE

MODEL 6



Dimensions, $1\frac{7}{8} \times 4\frac{5}{8} \times 8$ inches.
Size of Photo, $3\frac{1}{4} \times 4\frac{1}{4}$ inches.

Weight, 30 ounces.
Capacity, 12 exposures.

THE No. 3 Folding Hawk-Eye, Model 6, is designed for those who desire an outfit for a wider range of work than can be accomplished successfully with the Model No. 5. This camera is equipped with a $5\frac{1}{2}$ -inch equivalent focus Rapid Rectilinear Lens, working at a speed of f-8, fitted to the latest improved B. & L. automatic shutter, accurately graduated with variable speeds from $\frac{1}{100}$ to one second, fully illustrated and described on page 5. It is fitted with rack and pinion, rising and falling front, brilliant reversible hooded finder and sockets for attaching to tripod.

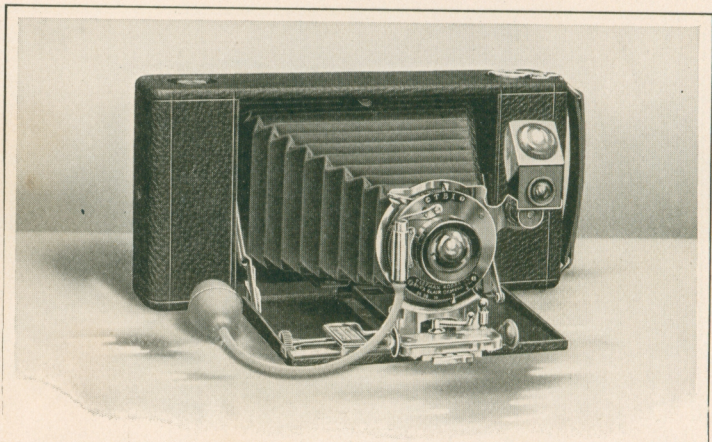
The No. 3 Folding Hawk-Eye, Model 6, uses No. 3 F. P. K., Blair or Kodak Film. It is made of aluminum; it is light and strong and covered with black seal grain leather; it is pleasing in appearance, perfect in construction and excellent in results.

PRICE LIST

No. 3 Folding Hawk-Eye, Model 6, not loaded,	-	-	-	-	\$22.00
No. 3, with Kodak Automatic Shutter and R. R. lens, not loaded,	-	-	-	-	22.00
No. 3, fitted with No. 1 Plastigmat lens,	-	-	-	-	51.95
No. 3, fitted with Series II-B, No. 4 Tessar lens,	-	-	-	-	51.45
No. 3, fitted with Series VII-A, No. 4 Zeiss lens,	-	-	-	-	75.95
Blair Non-Curling Cartridge Film, 6 exposures, $3\frac{1}{4} \times 4\frac{1}{4}$,	-	-	-	-	.35
Blair Non-Curling Cartridge Film, 12 exposures, $3\frac{1}{4} \times 4\frac{1}{4}$,	-	-	-	-	.70
Hawk-Eye Portrait Attachment,	-	-	-	-	.50
Black Sole Leather Carrying Case, with shoulder strap,	-	-	-	-	1.25
Glass Plate Attachment (only),	-	-	-	-	3.50
Single Glass Plate Holder,	-	-	-	-	.50

NO. 3-A FOLDING HAWK-EYE

MODEL 1



Dimensions, $2 \times 4\frac{3}{4} \times 9\frac{5}{8}$ inches.
Size of Photo, $3\frac{1}{4} \times 5\frac{1}{2}$ inches.

Weight, 33 ounces.
Capacity, 10 exposures.

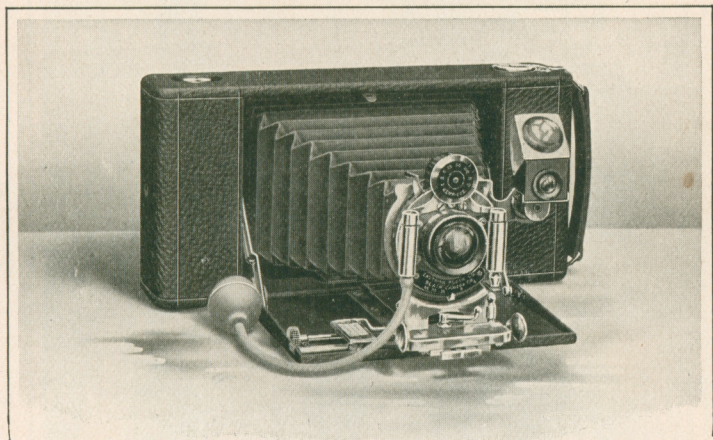
THE No. 3-A Folding Hawk-Eye is the highest attainment of what may be classed pocket camera construction, folding in such compact form that it may readily be carried in a top coat pocket. It has all the features and adjustments found on cameras of three times its bulk, and these coupled with its capacity of ten exposures $3\frac{1}{4} \times 5\frac{1}{2}$, commend it to the most advanced amateur. Like all Folding Hawk-Eyes, the No. 3-A opens horizontally, as most pictures are taken with the camera in this position.

A desirable feature embodied in the equipment of the No. 3-A is the rack and pinion for focusing, also the sliding front which is useful when photographing tall buildings or similar objects. The lenses furnished with the regular equipment are the highest grade of Rectilinear type, and each one is carefully tested to insure uniformity. They have a focal length of $6\frac{1}{2}$ inches, which length overcomes all distortion, produces correct perspective, and work at a speed of f-8.

The No. 3-A Folding Hawk-Eye, Model 1, is fitted with the single valve automatic shutter illustrated and described on page 6. The Model 2 is equipped with the No. 1 Bausch & Lomb automatic shutter, having variable speeds ranging from 1 second to $\frac{1}{100}$ of a second, also time and bulb exposure.

NO. 3-A FOLDING HAWK-EYE

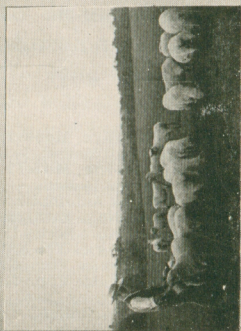
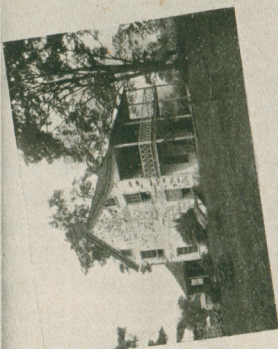
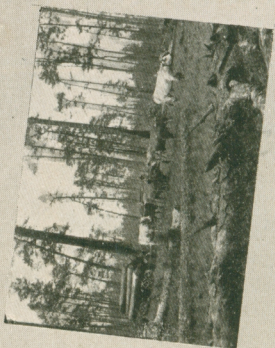
MODEL 2



WITH this shutter the camera is capable of a wide range of work. It is constructed so as to admit of adapting anastigmat lenses, and when so equipped makes the highest possible grade of instrument which can be produced. Both models have a reversible brilliant hooded finder, and sockets for attaching to a tripod in either horizontal or vertical position. The No. 3-A Folding Hawk-Eye is made of aluminum; it is strong, compact, durable and handsomely finished with seal grain leather covering and nickel trimmings. It uses daylight loading, No. 3-A F. P. K., Blair or Eastman Film cartridges.

PRICE LIST

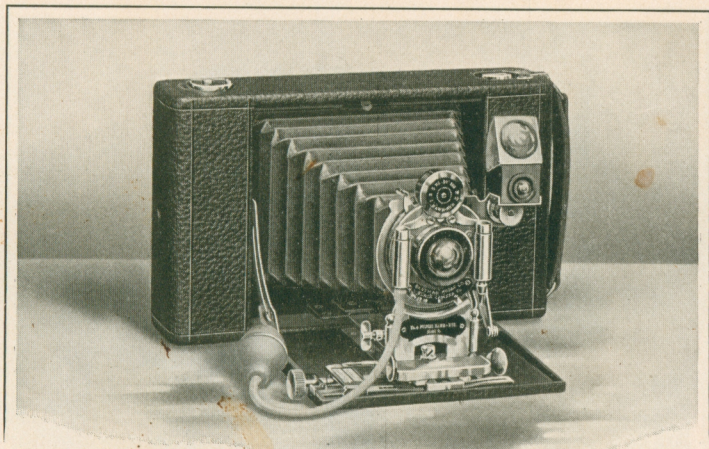
No. 3-A Folding Hawk-Eye, Model 1, with R. R. lens and Single Valve Automatic Shutter, not loaded, -	\$20.00
No. 3-A Folding Hawk-Eye, Model 2, with R. R. lens and No. 1 B. & L. Automatic Shutter, not loaded, -	25.00
No. 3-A Model 2, Kodak Automatic Shutter, R. R. lens, not loaded, -	60.45
No. 3-A Model 2, with No. 2 Plastigmat lens, -	60.45
No. 3-A Model 2, with No. 5 Series II-B Tessar lens, -	78.45
No. 3-A Model 2, with Series VII-A, No. 4 Zeiss, -	.40
Blair Non-Curling Cartridge Film, 6 exposures, $3\frac{1}{4} \times 5\frac{1}{2}$, -	.70
Blair Non-Curling Cartridge Film, 10 exposures, $3\frac{1}{4} \times 5\frac{1}{2}$, -	1.50
Black Sole Leather Carrying Case, -	.50
Hawk-Eye Portrait Attachment, -	3.50
Glass Plate Attachment (only), -	1.25
Double Glass Plate Holder, -	



A VARIED COLLECTION

NO. 4 FOLDING HAWK-EYE

MODEL 3



Dimensions, 2 x 5½ x 9⅞ inches.

Size of Photo, 4 x 5 inches.

Weight, 35 ounces.

Capacity, 12 exposures.

THE No. 4 Folding Hawk-Eye, Model 3, is complete in every detail, lacking nothing the user could wish for on a hand camera. Fitted with the highest grade of Rapid Rectilinear Lens and Bausch & Lomb latest improved automatic shutter, illustrated and described on page 5. It has an automatic standard clamp, rising and falling and sliding front, and rack and pinion for focusing; brilliant reversible hooded finder, also sockets for attaching to tripod in either vertical or horizontal position. The No. 4 Folding Hawk-Eye, Model 3, is light, compact and strong, made of aluminum and covered with the best grade of black seal grain leather, it is handsome and efficient. The No. 4 uses No. 4 Screen Focus Blair or Kodak Film.

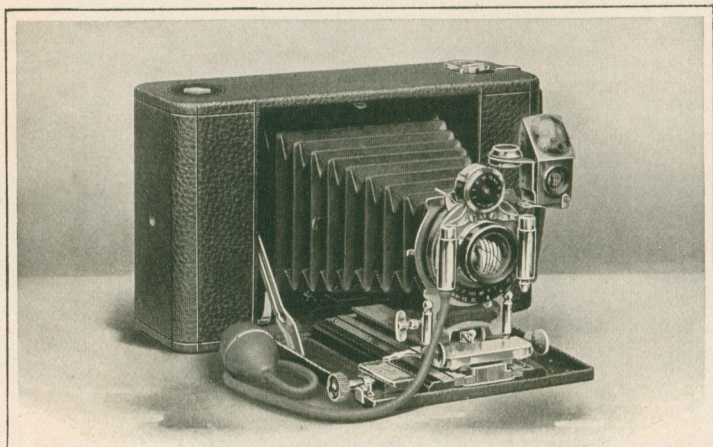
PRICE LIST

No. 4 Folding Hawk-Eye, Model 3, R. R. lens, not loaded,	-	-	\$25.00
No. 4, Model 3, with Kodak Automatic Shutter, R. R. lens, not loaded, -	-	-	25.00
No. 4, Model 3, S. V. Shutter, R. R. lens, not loaded,	-	-	20.00
No. 4, Model 3, Achromatic lens, S. V. Shutter, not loaded,	-	-	19.00
No. 4, Model 3, Series II-B, No. 5 Tessar lens,	-	-	60.45
No. 4, Model 3, with Series VII-A, No. 4 Zeiss lens,	-	-	78.45
*Blair Non-Curling Cartridge Film, 6 exposures, 4 x 5,	-	-	.45
*Blair Non-Curling Cartridge Film, 12 exposures, 4 x 5,	-	-	.90
Black Sole Leather Carrying Case, with shoulder strap,	-	-	1.50
Hawk-Eye Portrait Attachment,	-	-	.50
Glass Plate Attachment (only), -	-	-	3.50
Single Glass Plate Holder, -	-	-	.75

*In ordering Film specify Screen Focus.

NO. 4 FOLDING HAWK-EYE

MODEL 4



Dimensions, $2\frac{3}{4} \times 5\frac{1}{2} \times 9\frac{1}{8}$ inches.
Size of Photo, 4 x 5 inches.

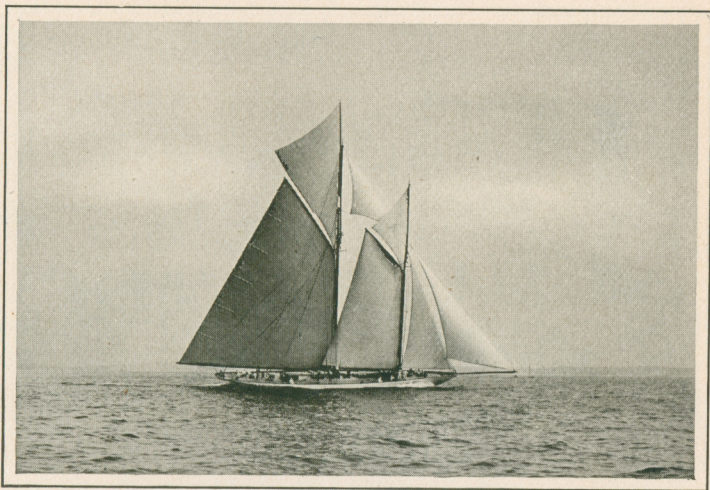
Weight, 45 ounces.
Capacity, 12 exposures.

THE No. 4 Folding Hawk-Eye, Model 4, while designed for wide range of work, still has the simplicity embodied in all Hawk-Eyes. Compactness combined with the completeness of its equipment puts it in a class by itself. The regular optical equipment is a Bausch & Lomb rapid symmetrical lens, working at a speed of f-8. This, coupled with the improved B. & L. Automatic Shutter, illustrated and described on page 5, enables the user to make pictures under conditions which are not favorable to photography, as the lens will cover sharp to the corners with the diaphragm 4.

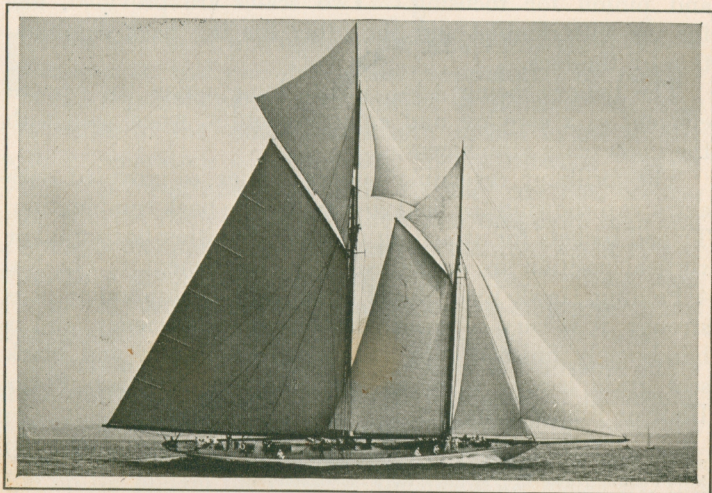
The bellows draw of $13\frac{3}{4}$ inches admits the use of the back combination of the lens alone, a great advantage in making distant views, as often an object is so far away that the effect when made with a doublet is too small to be of any use.

By using the back combination of the lens the subject in the picture will be twice the size of the same subject at the same distance made with a doublet. The following illustra-

tions demonstrate how a distant object may be brought at close range. In designing the No. 4 Folding Hawk-Eye,



Made with Doublet—Distance 2000 feet

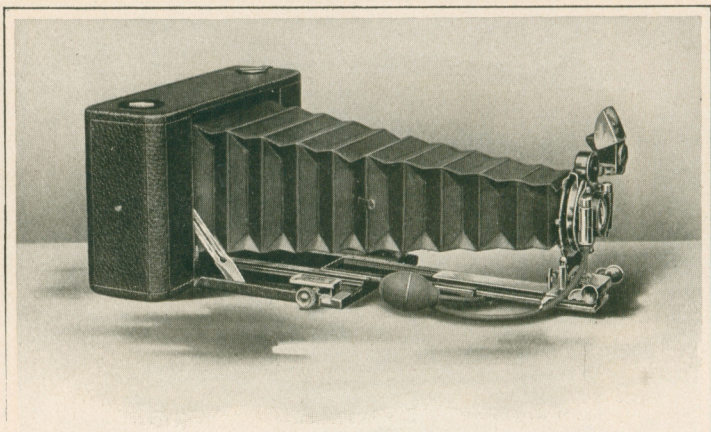


Made with Back Combination—Distance 2000 feet

Model 4, nothing has been neglected. Every attachment of any value has been arranged for. It has an automatic

NO. 4 FOLDING HAWK-EYE

MODEL 4



Showing Bellows Extended

standard clamp, rising, falling and sliding front, and rack and pinion for focusing. Two scales are provided, one for use with doublet and the other for the back combination of the lens.

The bellows being $13\frac{3}{4}$ inches long makes the camera efficient as a copying and enlarging outfit, when used with the glass plate attachment.

The brilliant reversible hooded finder is provided with extra cap showing the field covered by the back combination. Tripod sockets for attaching to tripod in either horizontal or vertical position are embodied in the equipment. The No. 4 Folding Hawk-Eye, Model 4, is made of aluminum; it is strong; it is very compact considering its efficiency, and is handsomely finished with full nickel trimmings and black seal grain leather covering. It uses No. 4 Screen Focus Blair or Kodak Film.

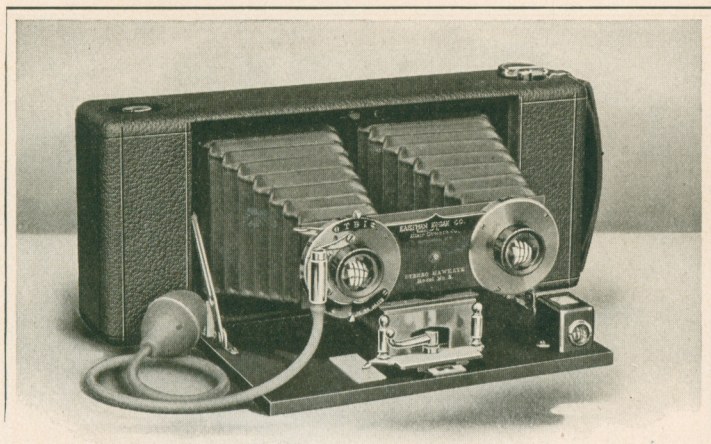
PRICE LIST

No. 4 Folding Hawk-Eye, Model 4, not loaded,	-	-	-	-	\$30.00
No. 4 Folding Hawk-Eye, Model 4, No. 2 Plastigmat lens,	-	-	-	-	64.35
No. 4, Model 4, Series VII-A, No. 7 Zeiss lens,	-	-	-	-	92.35
*Blair Non-Curling Cartridge Film, 6 exposures, 4 x 5,	-	-	-	-	.45
*Blair Non-Curling Cartridge Film, 12 exposures, 4 x 5,	-	-	-	-	.90
Black Sole Leather Carrying Case, with shoulder strap,	-	-	-	-	1.75
Hawk-Eye Portrait Attachment,	-	-	-	-	.50
Glass Plate Attachment (only),	-	-	-	-	3.50
Single Glass Plate Holder,	-	-	-	-	.75

—*In ordering Films specify Screen Focus.

STEREO HAWK-EYE

MODEL 3



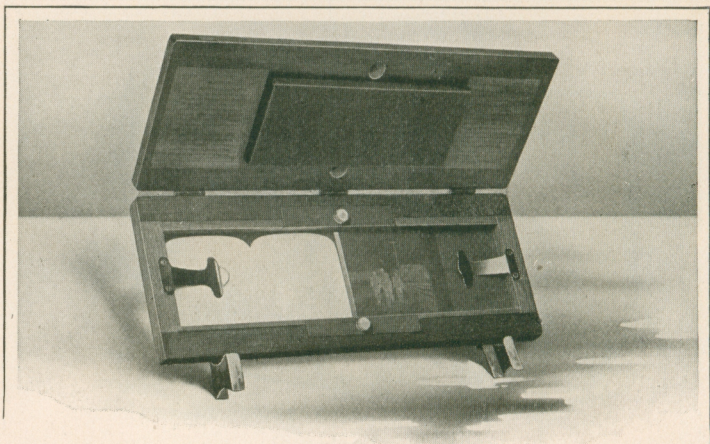
Dimensions, $1\frac{1}{8} \times 4\frac{3}{8} \times 10\frac{1}{4}$ inches.
Size of Photo, Standard Stereo.

Weight, 28 ounces.
Capacity, 6 exposures.

IN the branch of photography for which this Hawk-Eye is designed, realistic observation is produced by making two negatives of the same subject, at the same time, with two lenses of the same focal length, placed in the shutter with a separation of about $3\frac{1}{4}$ inches between centers. While the negatives look alike, yet they are not, because each is made from a different angle and thus more than half a circle is photographed. These two pictures, when viewed through a stereoscope, produce actual visual effects, thus giving the same impression as when viewing the things themselves.

In making Stereo prints it is necessary to transpose either the negatives before printing or the prints before mounting. The reason of this is that the lens throws the image on the film bottom side up, so when the negatives are viewed right side up the one on the right is the negative made by the left lens in the camera. To correct this the negatives or prints must be transposed, and to simplify this the Stereo Hawk-Eye Self Transposing Printing Frame should be used.

STEREO HAWK-EYE SELF TRANS- POSING PRINTING FRAME



The use of the above illustrated frame makes Stereo printing as simple as any other, and the great drawback to making Stereographs is removed. No picture carries the weight as does the Stereograph, because the roundness and perfect perspective is lacking in all others.

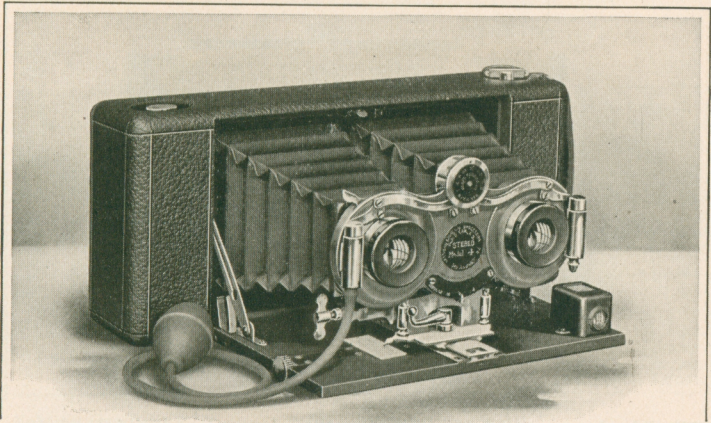
The Stereo Self Transposing Printing Frame does away with the trimming of the negatives so the prints made from them seem as one picture when viewed through the stereoscope, and with the use of Die Cut paper all trimming of the print is done away with.

Stereo Hawk-Eyes are made in two Models. The Model No. 3 is fitted with B. & L. single valve Stereo shutter having Iris diaphragm and time, bulb and instantaneous exposure. The Model No. 4 is equipped with B. & L. No. 1 Stereo Automatic Shutter, having variable speeds accurately graduated from $\frac{1}{100}$ to 1 second.

The lenses in both Models are of the highest grade of Rapid Rectilinear type, carefully tested and accurately matched, thus producing the same perspective, density and detail in each negative. They have an equivalent focus of 5 inches, great depth and covering power, and work at a speed of f-8. They become universal focus when the dia-

STEREO HAWK-EYE

MODEL 4



Dimensions, $1\frac{1}{2} \times 4\frac{3}{4} \times 10\frac{1}{4}$ inches.
Size of Photo, Standard Stereo.

Weight, 28 ounces.
Capacity, 6 exposures.

phragm is set at 16 and the standard clamped at 25 feet. This is almost necessary in making Stereo pictures, as the subject in the foreground as well as the distance should be in sharp focus.

A rising front is attached to do away with the unsightly foreground, and rack and pinion are furnished for focusing.

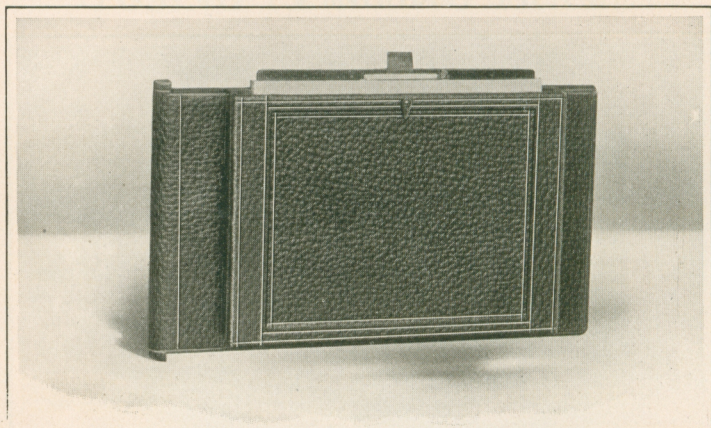
The Stereo Hawk-Eyes are compact, complete in every detail, making a negative of correct Stereo size. They are constructed so that all of the difficulties formerly experienced in making Stereographs are eliminated.

They are handsomely finished with seal grain leather covering and nickel trimmings, and use No. 2 Bull's-Eye Blair or Eastman film.

PRICE LIST

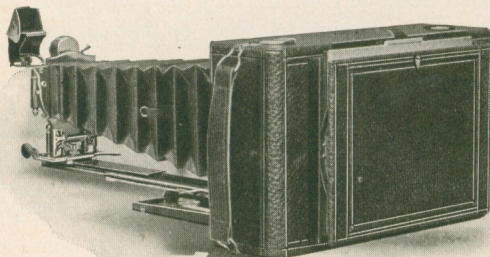
Stereo Hawk-Eye, Model 3, not loaded, - - - - -	\$25.00
Stereo Hawk-Eye, Model 4, not loaded, - - - - -	35.00
Stereo, Model 4, fitted with No. 1 Plastigmat Lenses, - - - - -	96.75
Stereo, Model 4, fitted with Series II-B, No. 4 Tessar Lenses, - - - - -	95.75
Blair Non-Curling Cartridge Film, 3 exposures, for Stereo $3\frac{1}{2} \times 3\frac{1}{2}$, - - - - -	.30
Blair Non-Curling Cartridge Film, 6 exposures, for Stereo $3\frac{1}{2} \times 3\frac{1}{2}$, - - - - -	.60
Stereo Hawk-Eye Self Transposing Printing Frame, - - - - -	1.50
Black Sole Leather Carrying Case, - - - - -	1.50
Glass Plate Attachment (only), - - - - -	3.50
Single Glass Plate Holder, - - - - -	1.00

PLATE ATTACHMENT



BY the use of the Plate Attachment, which fits interchangeably with the back cover, Folding Hawk-Eyes may be converted into efficient plate cameras.

These attachments are fitted with spring actuating ground glass, and are made to fit No. 3, Models 5 and 6, No. 4, Models 3 and 4, 3-A, Models 1 and 2, and Stereo, Models 3 and 4.



Folding Hawk-Eye Showing Bed Extended;
Fitted with Plate Attachment

PRICE LIST

Plate Attachment only, for No. 3 Folding Hawk-Eye, Models 5 and 6,	-	\$3.50
Plate Attachment only, for No. 4 Folding Hawk-Eye, Models 3 and 4,	-	3.50
Plate Attachment, only, for 3-A Folding Hawk-Eye, Models 1 and 2,	-	3.50
Single Plate Holder, $3\frac{1}{4} \times 4\frac{1}{4}$,	-	.50
Single Plate Holder, 4×5 ,	-	.75
Double Plate Holder, $3\frac{1}{4} \times 5\frac{1}{2}$,	-	1.25
Plate Attachment only, for Stereo Hawk-Eyes, Models 3 and 4,	-	3.50
Plate Holders for Stereo Hawk-Eye,	-	1.00

HAWK-EYES FITTED WITH LENSES OF THE HIGHEST GRADE

(The prices given in this table are net.)

STYLE CAMERA	B. & L. Automatic Shutter and Plastigmat Lens	B. & L. Automatic Shutter and Series VII-A Zeiss Lens	B. & L. Automatic Shutter and Ser.III Goerz Lens
Folding Hawk Eye			
No. 3, Model No. 6	No. 1 Lens, \$51.95	No. 4 Lens, \$75.95	No. 0 Lens, \$55.45
No. 3-A, Model No. 2 ...	No. 2 Lens, 60.45	No. 4 Lens, 78.45	No. 1 Lens, 65.45
No. 4, Model No. 3	No. 2 Lens, 60.45	No. 4 Lens, 78.45	No. 1 Lens, 65.45
No. 4, Model No. 4	No. 2 Lens, 64.35	No. 7 Lens, 92.35	No. 1 Lens, 69.35

STYLE CAMERA	B. & L. Automatic Shutter and Ser. III Cooke Lens	B. & L. Automatic Shutter and Series II-B Tessar Lens
Folding Hawk-Eye		
No. 3, Model No. 6	No. 3 Lens, \$52.95	No. 4 Lens, \$51.45
No. 3-A, Model No. 2	No. 4 Lens, 59.95	No. 5 Lens, 60.45
No. 4, Model No. 3	No. 4 Lens, 59.95	No. 5 Lens, 60.45

STYLE CAMERA	Volute Shutter and Plastigmat Lens	Volute Shutter and Series VII-A Zeiss Lens	Volute Shutter and Series III Goerz Lens
Folding Hawk-Eye			
No. 3, Model No. 6	No. 1 Lens, \$66.25	No. 4 Lens, \$ 90.25	No. 0 Lens, \$69.75
No. 3-A, Model No. 2 ...	No. 2 Lens, 74.75	No. 4 Lens, 92.75	No. 1 Lens, 79.75
No. 4, Model No. 3	No. 2 Lens, 74.75	No. 4 Lens, 92.75	No. 1 Lens, 79.75
No. 4, Model No. 4	No. 2 Lens, 78.65	No. 7 Lens, 106.75	No. 1 Lens, 83.65

STYLE CAMERA	Volute Shutter and Series III Cooke Lens	Volute Shutter and Series II-B Tessar Lens
Folding Hawk-Eye		
No. 3, Model No. 6	No. 3 Lens, \$67.25	No. 4 Lens, \$65.75
No. 3-A, Model No. 2	No. 4 Lens, 74.25	No. 5 Lens, 74.75
No. 4, Model No. 3	No. 4 Lens, 74.25	No. 5 Lens, 74.75
No. 4, Model No. 4		

Stereo Hawk-Eye, B. & L. Stereo Shutter and No. 1 Plastigmat Lenses, \$ 96.75
 Stereo Hawk-Eye, B. & L. Stereo Shutter and Ser. II-B, No. 4 Tessar Lenses, 95.75
 Stereo Hawk-Eye, B. & L. Stereo Shutter and Ser. III, No. 3 Cooke Lenses, 98.65
 Stereo Hawk-Eye, B. & L. Stereo Shutter and Ser. III, No. 0 Goerz Lenses. 105.25

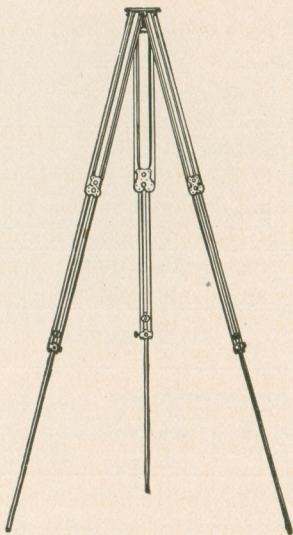
HAWK-EYE ACCESSORIES

HAWK-EYE TRIPOD

THIS tripod is three-fold and very compact. In its manufacture nothing but the best selected straight grain spruce is used, and all trimmings are of lacquered brass. A special feature is the metal head, which is made in one piece, which does away with brazing and avoids all possibility of being easily broken. The length when extended is 56 inches; when folded, 21 inches; weight, 20 ounces.

We recommend this tripod for use with any camera up to and including 5 x 7 in size.

PRICE, \$1.60



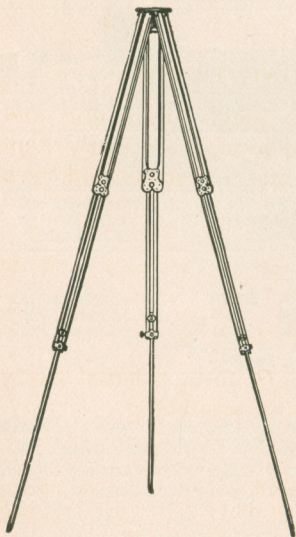
SPECIAL HAWK-EYE TRIPOD

THE wood parts of this tripod are of maple. Furnished in natural finish. In construction it is similar and in dimensions the same as the Hawk-Eye tripod described above. Furnished with metal or wood head as desired.

This tripod is very rigid, and the beautiful finish makes it very desirable for use with high grade outfits.

Weight, 30 ounces.

PRICE, \$1.70



SPECIAL HAWK-EYE TRIPOD EBONY FINISH

THIS tripod is made of maple, finished dead-black to represent ebony. The trimmings being nickel produce a contrast which is very handsome. Weight, 30 ounces.

PRICE, \$2.00

WENO TRIPOD

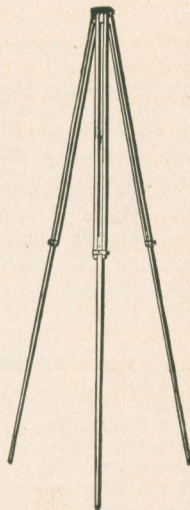
This tripod is designed for use with small cameras. The top is attached to the legs in such a manner that it is not necessary to remove when folding, which is an advantage, as the tripod is always ready for use.

The wood used is straight grain spruce, with shellac finish, the trimmings of lacquered brass.

The weight complete, with head and screw, is but 17 ounces.

The length when extended can be made to vary from 34 to 54 inches. The length when folded is but 29 $\frac{1}{2}$ inches.

PRICE, \$.90



HAWK-EYE DEVELOPING TRAYS

These trays are light in weight, tough and strong, and are not affected by the action of chemicals; are easily kept clean, have ridges on the bottom, and we recommend them for amateurs' use.

PRICE LIST

3 $\frac{1}{2}$ x 4 $\frac{1}{4}$ - \$.10	4 $\frac{1}{2}$ x 5 $\frac{1}{2}$ - \$.12	5 $\frac{1}{2}$ x 8 $\frac{1}{2}$ - \$.30
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POLISHED RUBBER TRAYS

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

PRICE LIST

4 x 5, - - - - \$.35	6 $\frac{1}{2}$ x 8 $\frac{1}{2}$, - - - - \$.85
5 x 8, - - - - .65	8 x 10, - - - - 1.25

HARD RUBBER DEVELOPING TRAYS

Of the best quality of hard rubber, with bound corners and a lip for pouring. They are a superior article.

4 x 5	\$.55	8 x 10.....	\$1.25
5 x 8	.80	10 x 12.....	1.85
6½ x 8½.....	.95		

FILM

PERFORATED DAYLIGHT LOADING FILM

		6 ex.	12 ex.
2 x 2½ for Baby Hawk-Eye	\$.30		\$.40
3½ x 3½ for No. 2 Weno, or Hawk-Eye, Jr.....	.30		.60
3¼ x 4¼ for No. 3 Folding, No. 3 Focusing Hawk-Eye or No. 3 Combination Hawk-Eye.....	.35		.70
4 x 5 for No. 4 Weno, No. 4 Folding, No. 4 Focusing, 4 x 5 Hawk-Eye, Jr., or Tourist Hawk-Eye.....	.45		.90

In ordering film always state the style of Hawk-Eye for which it is intended. All Perforated Film is especially prepared for use in the Kodak daylight developing machine.

BLAIR NON-CURLING CARTRIDGE FILM

		6 ex.	12 ex.
1¼ x 2 for Pocket Kodak	\$.15		\$.25
2¼ x 2¼ for No. 1 Brownie	.15		
2¼ x 3¼ for No. 2 Brownie	.20		
3¼ x 4¼ for No. 3 Brownie	.35		.70
1½ x 2½ for No. 0 Folding Pocket Kodak.....	.15		.25
2¼ x 3¼ for No. 1 Folding Pocket Kodak.....	.20		.40
2¼ x 4¼ for No. 1-A Fldg. Hawk-Eye and Pkt. Kodak..	.25		.50
*3¼ x 4¼ for No. 3 Weno Hawk-Eye, Stereo Hawk-Eye, Model Nos. 1 and 2, No. 3 Combination Hawk-Eye or No. 3 Focusing Hawk-Eye, No. 3 Folding Hawk- Eye, Kodak or Buck-Eye	.35		.70
*3½ x 3½ for Hawk-Eye, Bulls-Eye, Bullet or Buck-Eye ..	.30		.60
4 x 5 for Hawk-Eye, Bulls-Eye, Bullet or Buck-Eye ..	.45		.90
4 x 5 for No. 4 Screen Focus Kodak, No. 4 Folding Hawk-Eye, Model Nos. 3 and 4	.45		.90
4¼ x 3¼ for No. 3 Cartridge Kodak	.35		.70
5 x 4 for No. 4 Cartridge Kodak	.45		.90
7 x 5 for No. 5 Cartridge Kodak	.80		
3¼ x 5½ for No. 7 Weno, No. 3-A Folding Hawk-Eye and Pocket Kodak.....	.40	10 ex.	\$.70
3¼ x 5½ for No. 3-B Folding Hawk-Eye, No. 6 Weno Hawk-Eye, Stereo Brownie and No. 3-B Quick Focus Kodak.....	.40		.70

—*3¼ x 1¼ and 3½ x 3½—6 exposure lengths supplied on regular size spools.
Small flange spool supplied when specified.

NOTE—When ordering film state whether you desire the Blair Non-Curling (numbers on back) or Perforated.

CARRYING CASES

Made of Black Sole Leather, including shoulder strap, and first-class in every way.

No. 2 Weno Hawk-Eye.....	\$1.25
No. 4 Weno Hawk-Eye.....	1.50
No. 5 Weno Hawk-Eye.....	1.50
No. 6 Weno Hawk-Eye.....	1.50
No. 7 Weno Hawk-Eye.....	1.50
No. 1-A Folding Hawk-Eye, Model No. 1.....	1.25
No. 3 Folding Hawk-Eye, Models No. 3, 4, 5 and 6..	1.25
Nos. 3-A and 3-B Folding Hawk-Eye, Models No. 1 and 2.....	1.50
No. 4 Folding Hawk-Eye, Model No. 3.....	1.50
No. 4 Folding Hawk-Eye, Model No. 4.....	1.75
Stereo Hawk-Eye, Models No. 1, 2, 3 and 4.....	1.50

VELOX

An ideal amateur paper. Prints and develops quickly by artificial light.

	Dozen	Gross
3½ x 3½.....	\$.15	\$1.50
3¼ x 5½.....	.15	1.50
4 x 5.....	.25	2.00

AZO

	2 Dozen	Gross
Die cut for Stereo prints.....	\$.25	\$1.10

SOLIO PRINTING-OUT PAPER

Brilliant high lights, silky half-tones, rich, transparent shadows.

	2 Dozen	Gross
3½ x 3½.....	\$.20	\$1.15
3¼ x 4¼.....	.20	1.15
3¼ x 5½.....	.25	1.25
4 x 5.....	.25	1.25

Quotations for other sizes on application

BLUE PRINT PAPER

Quickly printed and easily handled. This paper possesses peculiar and characteristic properties found in no other brand.

3½ x 3½.....	2 dozen sheets, per package, \$	.16
3¼ x 4¼.....	2 " " " "	.16
3¼ x 5½.....	2 " " " "	.20
4 x 5.....	2 " " " "	.20

EASTMAN AND STANDARD DRY PLATES

Extra rapid for instantaneous work.

	Dozen
3¼ x 3¼.....	\$.40
3½ x 3½.....	.40
3¼ x 4¼.....	.45
3¼ x 5½.....	.65
3¼ x 6½ (Stereo).....	3 dozen for 2.70
4 x 5.....	.65

HUB DEVELOPING POWDERS FOR FILMS

Each package makes four ounces of developer.

Price, per dozen.....	.50
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SOLIO TONING SOLUTION

CONCENTRATED

8 ounce bottle..... \$.50

SOLIO HARDENER

8 ounce bottle..... \$.35

M. Q. N. A. DEVELOPING TUBES

Box 5 tubes, sufficient for 20 ounces..... \$.75

HAWK-EYE PRINT ROLLER

Fitted with double rollers of the best rubber and very durable.

6-inch..... \$.50

HAWK-EYE ALBUMS

These Albums are the loose leaf, lace system, with plain gray leaves, and are of the latest design. The covers are of cloth in a delicate gray tint. These Albums are intended for use as permanent books for pre-serving prints of interest.

No. 1, size of leaf, 5 x 6½ inches; capacity, 40, 4 x 5, 3¼ x 4¼,
or 3½ x 3½ prints..... \$1.00

No. 2, size of leaf, 9¼ x 6½ inches; capacity, 80, 4 x 5, 3¼ x 4¼,
or 3½ x 3½ prints..... 1.25

FERROTYPE PLATES

Of the best quality that can be made, heavily coated, especially adapted for burnishing prints.

Size, 10 x 14 inches (light)..... \$.15

PLATE HOLDERS

In ordering plate holders it is always best to mention the camera in which they are to be used, so as to avoid the possibility of delay or error. All holders are made of selected cherry, and the slides can be furnished either of waterproof cardboard or hard rubber.

SIZE	With Board Slides	With Rubber Slides	SIZE	With Board Slides	With Rubber Slides
3¼ x 3¼	\$.80	\$1.00	5 x 7	\$1.50	\$1.80
3¼ x 4¼	Single	.50	6½ x 8½	2.00	2.50
3¼ x 5½		1.25	8 x 10	2.35	2.95
3¼ x 6½	Stereo	1.00			
4 x 5	Single	.75			
4 x 5	\$1.00	1.20			

SLIDES FOR HOLDERS

SIZE	BOARD	Polished Hard Rubber	SIZE	BOARD	Polished Hard Rubber
3¼ x 3¼	\$.10	\$.20	5 x 7	\$.20	\$.35
3¼ x 4¼	.10	.20	6½ x 8½	.25	.50
3¼ x 5½	.15	.25	8 x 10	.35	.65
3¼ x 6½	.15	.25	10 x 12	.45	.90
4 x 5	.15	.25	11 x 14	.50	1.00

CARBON BLACK AND SCOTCH GRAY CARD MOUNTS

We do not carry a complete assortment of card stock, selecting only what we think most desirable for the amateur's use.

	Per 50	Per 100		Per 50	Per 100
2½ x 4¼.....	\$.40	\$.80	3¼ x 5½.....	\$.45	\$.90
3½ x 3½.....	.40	.80	4 x 5.....	.45	.90
3¼ x 4¼.....	.45	.85	Stereo.....	.50	1.00

PRINTING FRAMES

(Heavy Weight)

4 x 5.....	\$.40	10 x 12.....	\$1.00
5 x 8.....	.52	11 x 14.....	1.80
Stereo.....	1.50		

SPECIAL PRINTING FRAMES

(Extra Light Weight)

3¼ x 3¼.....	\$.25	3½ x 3½.....	\$.25
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DEVELOPING AND PRINTING

SIZE	Developing, Printing, and Mounting— 12 exposures	Developing Only	Printing and Mounting	Developing Printing and Mounting
2½ x 4¼	\$1.50	\$.06	\$.08	\$.12½
3½ x 3½	1.50	.06	.08	.12½
3¼ x 4¼	1.50	.06	.08	.12½
3¼ x 5½	1.50	.08	.10	.15
4 x 5	1.80	.08	.10	.15
5 x 7	2.40	.08	.12½	.20
Stereo	2.40	.10	.15	.20

OUTFITS FOR DEVELOPING AND PRINTING

To save time and trouble in selecting the articles needed for developing and printing, we furnish outfits including everything necessary at far below the cost if furnished separately.

3½ x 3½ FOR FILM OR PLATES

1 Candle Lamp.....	\$.25	1 dozen Sheets Velox	
4 Developing Trays.....	.40	Paper.....	\$.15
1 4-oz. Graduate.....	.10	1 Bottle Nepera Developer	.10
1 3½ x 3½ Printing Frame...	.25	1 Pkg. Bromide of Potas-	
1 3½ x 3½ Glass.....	.05	sium.....	.10
1 Stirring Rod.....	.05	Directions.....	.10
¼ doz. Developing Powders..	.15		
¼ lb. Kodak Acid Fix. Powder	.10		\$1.80

Price, complete, \$1.25

4 x 5 FOR FILM OR PLATES

1 Candle Lamp.....	\$.25	½ lb. Kodak Acid Fixing	
1 4 x 5 Printing Frame.....	.25	Powder.....	\$.15
1 4 x 5 Glass.....	.05	½ oz. Bromide Potassium.	.10
1 4-oz. Graduate.....	.10	2 doz. 4 x 5 Velox Paper..	.25
1 Stirring Rod.....	.05	2 ozs. Nepera Developer...	.15
4 4½ x 5½ Developing Trays	.40	Directions.....	.10
5 Tubes Developer.....	.25		

Price, complete, \$1.50

\$2.10



T E R M S



THE prices are net except to dealers. Remittances should be made by draft on New York, express order, postal order, or registered mail. Amounts less than one dollar may be remitted in stamps. We do not accept personal checks.

Parties unknown to us desiring shipment C. O. D. must remit one-third the estimated amount of invoice with the order.

Small parcels which do not contain glass in any form can be sent by 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 responsible for any damage after the package leaves our hands.

No charge is made for packing, and prices are f. o. b. Rochester.

BLAIR CAMERA DIVISION
EASTMAN KODAK COMPANY
ROCHESTER, NEW YORK, U. S. A.

BLAIR CAMERA DIVISION,
EASTMAN KODAK COMPANY,
ROCHESTER, N.Y.

E. L. ANDREWS & SON
Phoenix, Ariz.