

RUSSELL H. WEBSTER
Russell H. Webster

JANUARY, 1888. *Hollink*

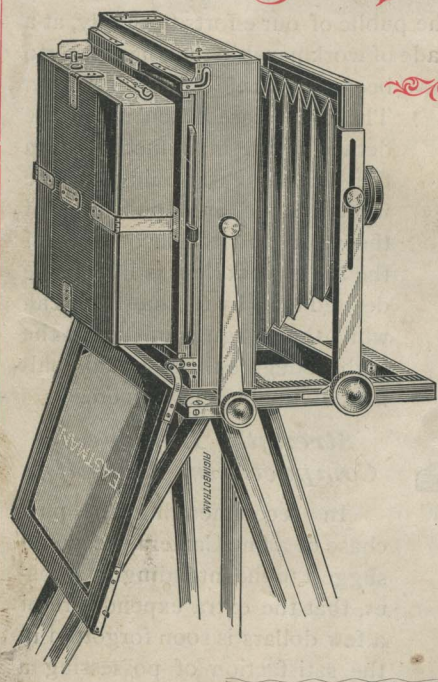
THE EASTMAN *N.Y.*
DRY PLATE AND FILM CO.

(INCORPORATED 1884.)

MANUFACTURERS OF

RUSSELL H. WEBSTER.

Photographic



Materials

AND

APPARATUS.

PROPRIETORS OF THE ONLY COMPLETE
SYSTEM OF FILM PHOTOGRAPHY.

PHOTOGRAPHY MADE EASY.

PATENTEES OF THE AMERICAN FILM AND
THE EASTMAN-WALKER ROLL-HOLDER.

Factory and Office, - ROCHESTER, N. Y.

Branch Office, 13 Soho Square, London.

ALL EASTMAN'S SPECIALTIES FOR SALE BY

DAVID TUCKER & CO.,

410 Main Street,

BUFFALO, N. Y.

S. H. BENT & FIELD CO., PRINTERS AND PUBLISHERS, 114 NORTH ST. PAUL STREET, ROCHESTER, N. Y.

RUSSELL H. WEBSTER

The Digitized Kodak Catalog Project (1886 - 1941): A Very Brief History

Most camera collectors at some point in their collecting careers pass through a Kodak phase - some never come out of it. And if there ever was one name that came to be associated with both cameras and collecting, it was Kodak.

George Eastman received his first patent (for coating dry plates) and bought his first manufacturing facility in 1880, and in 1881 he started the Eastman Dry Plate Company. In 1886 he received a patent for the near-mythical Eastman Detective Camera, but it wasn't until 1888 that the first camera bearing the name "Kodak" was introduced.

One of the nice things about collecting Kodak is that the product line is pretty well known, and because the company produced annual catalogs for many years, collectors can be reasonably sure of what they're looking at, when it was made, the variations and so on - presuming that they have access to either the appropriate catalog, or a number of the many books which document Kodak, each to some greater or lesser extent.

But what would be really nice would be to have a complete set of Kodak catalogs in an easily accessible form and readily available. And since the advent of portable computing devices (PC, Macintosh, etc.) that's been possible - except for the difficulty of assembling a complete set of Kodak catalogs in one spot and then scanning them and making the results available.

The idea of digitizing a complete set of Kodak catalogs has kicked around the collecting community for many years. It's been proposed on a number of online forums, during meetings of various photohistory groups, and for years there have been many incomplete "Kodak CDs" on eBay but at best, they only contained a few catalogs - whatever the owner had available. But assembling a complete set of catalogs, then scanning and processing perhaps 3,000 to 4,000 pages, was a daunting task - if not completely overwhelming - and nothing ever came of it.

Until now.

In early 2010, the idea came up again, but this time we - "we" as in "the collecting community" - were lucky. A number of collectors were willing to loan their catalogs to this project and a couple of insane - wait, let's call them "dedicated" - dedicated enthusiasts - neither of whom collected Kodak, but both of whom enjoyed the challenge of such a project - were willing to put in the time and effort to scan and pull together the entire set of catalogs into a full-blown Kodak Catalog Digital Library.

Our initial objective was to include just the annual amateur catalogs, but it turns out that many cameras only appear in certain professional and specialty catalogs. We included as many of those as we could obtain so that almost every Kodak camera made in the US, Canada and Europe, would be documented - at least up to about 1941. After that, it becomes much more difficult as Kodak stopped producing annual catalogs as their product line became increasingly more diversified.

However, even with the additional "non-amateur" catalogs, we weren't completely successful in illustrating "every" camera Kodak ever made. There are an elusive few that might appear in specialty catalogs that we simply couldn't track down. If you can't find one of those odd cameras, that's no doubt why. We may do a revision at some point in the future if someone is willing to loan us a catalog that includes a camera that isn't already recorded.

In this project, a total of 67 catalogs were used from 1886 through 1941 including a number of professional and dealer catalogs, and in some years, two or even three different catalogs to cover all the bases. With the cooperation of a number of dedicated collectors, we were able to pull together all those catalogs and in June 2010, the project started in earnest.

By November 2010, we had scanned everything we needed and eventually all 67 catalogs were then reassembled as image folders and converted to the universally accepted PDF format and finally, converted into individually searchable PDFs which could then be searched globally as a collection.

For those of you interested in the statistics: about 200 hours of scanning time (we never want to hear that sound again), 67 catalogs and 3,908 page scans - which generated 7,917 original and processed images - and 11.4 GB of disk space. Additionally, another 100+ hours of technical development time was needed to convert the digital catalogues into a fully searchable "knowledgebase" that could be launched from most any standard web browser.

The overwhelming number of catalogs was loaned to us by that most remarkable of Kodak collectors, Charlie Kamerman of Eagle Creek, Oregon. Without Charlie, it's very doubtful that this project could even have been attempted.

But as it turned out, even Charlie didn't have all the publications that were needed, but he was able to track down the five that he lacked and was able to secure either a copy or high resolution images that we could work with. And so, our thanks to the contributors of the catalogs and scans that we used:

Charlie Kamerman for the vast majority of catalogs used and all his help,
Steve Shohet for loaning a variety of test catalogs,
Ryerson University (Toronto) for the 1886 Eastman Catalog
George Layne for the 1890 New Kodaks Catalog,
Mike Kessler for the 1891 Dealer Display Catalog,
Ralph London for the 1893 UK Catalog,
Michael Pritchard for the 1897 UK Catalog.

The digital side of the project - also known as "all of the work" - was done by Rob Niederman of Medina, Minnesota, and Milan Zahorcak of Tualatin, Oregon. Remarkably we're still friends and in a few years, we'll probably be able to talk about this project rationally.

And there you have it, a more-or-less done deal. We're fairly sure that it isn't quite perfect, and expect there will be some carping about something or other; but all-in-all, we believe this to be a pretty good product and can now move on to something else.

Our thanks to all of those involved.

Rob Niederman
Milan Zahorcak

Fall, 2011

EASTMAN'S Interchangeable View Camera.

(REVERSIBLE BACK.)

The success attending the introduction of this Camera shows in an eminent degree the appreciation of the public of our efforts to supply, at a moderate price, a Camera of a finer grade of workmanship than has hitherto

been obtainable in this country. The great care taken in all the details of the manufacture, from the scientific seasoning of the wood to the final polishing of the wood and the lacquering of the brass work, leaves little to be desired even by the most critical, while the design combines in the highest degree the essential qualities of the perfect Camera,

***Strength, Lightness,
Compactness, Rigidity.***

In recommending the purchase of a fine Camera, we would suggest to the intending purchaser, that the extra expenditure of a few dollars is soon forgotten in the satisfaction of possessing a really good piece of apparatus, while a poor one is a continual source of dissatisfaction and regret.

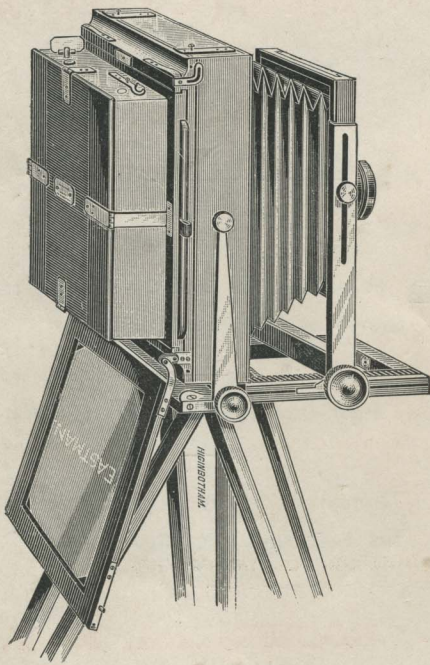


Fig. 1.

NOVEL FEATURES OF THE EASTMAN INTERCHANGEABLE VIEW CAMERA.

Interchangeable body and bed. The thumb-screws in the bed which control the vertical swing, are so arranged that when unscrewed the body can be lifted from the bed and the bellows detached from the front by

I have several Cameras, both English and American, but since seeing yours I intend discarding them all. Edward H. Williams, Baldwin Locomotive Works, Philadelphia, Pa.

RUSSELL H. WEBSTER

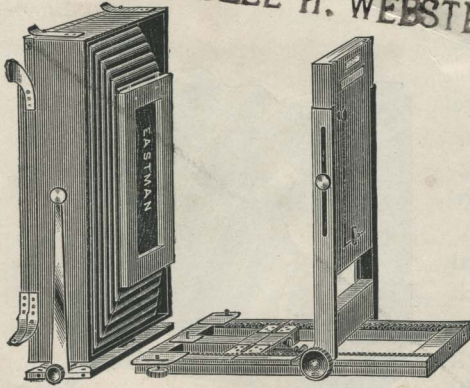


Fig. 2.

turning a button; this feature enables the substitution of one body for another of a different size on the same bed. For instance, a customer who purchases a Camera of any given size, can at any future time obtain a back for any other size which will fit on the same bed, at an additional cost of only one-half the price of a new Camera. The means employed for detaching the parts do not in any way add to the complexity of the Camera.

Almost any combination can be made as per the subjoined table :

5 x 7 Camera will take	4 $\frac{1}{4}$ x 5 $\frac{1}{2}$,	5 x 8,	6 $\frac{1}{2}$ x 8 $\frac{1}{2}$,	extra backs.
5 x 8 Camera will take	5 x 7,	6 $\frac{1}{2}$ x 8 $\frac{1}{2}$,	8 x10,	extra backs.
6 $\frac{1}{2}$ x 8 $\frac{1}{2}$ Camera will take	5 x 7,	5 x 8,	8 x10,	extra backs.
8 x10 Camera will take	6 $\frac{1}{2}$ x 8 $\frac{1}{2}$,	10 x12,	11 x14,	extra backs.
10 x12 Camera will take	6 $\frac{1}{2}$ x 8 $\frac{1}{2}$,	8 x10,	11 x14,	14x17, extra backs.
11 x14 Camera will take	8 x10,	10 x12,	14 x17,	17x20, extra backs.
14 x17 Camera will take	11 x14,	17 x20,	18 x22,	extra backs.
17 x20 Camera will take	14 x17,	18 x22,	20 x24,	extra backs.
18 x22 Camera will take	14 x17,	17 x20,	20 x24,	extra backs.
20 x24 Camera will take	17 x20,	18 x22,	extra backs.	

All the above combinations can be made without destroying the symmetry of the Camera, as is the case where a top-heavy extension is added to the Camera.

Where greater extremes are required, the combination can be made by using a bed and front, half-way in size between the two backs. For instance, a customer ordered a 6 $\frac{1}{2}$ x 8 $\frac{1}{2}$ Camera with 11 x 14 extra back ; to preserve due proportion, we furnished an 8 x 10 bed, which was small enough to take the 6 $\frac{1}{2}$ x 8 $\frac{1}{2}$ back, and large enough to support the 11 x 14 back ; the cost was

6 $\frac{1}{2}$ x 8 $\frac{1}{2}$ back,	-	-	-	-	\$18 00.
11 x 14 back, -	-	-	-	-	30 00.
8 x 10 bed,	-	-	-	-	20 00.
Total,	-	-	-	-	<u>\$68 00.</u>

The cost of the two Cameras complete would have been \$96.00, hence the saving was \$28.00, while the outfit was 25% lighter than two Cameras.

I got 37 negatives and two failures on a two weeks' tramp with Films. They are unequalled. Richard B. Irwin, Philadelphia, Pa.

If two Cameras are to be used in the field at the same time, the extra back is as good as a complete Camera, because it is no more trouble to change it than to change plate-holders, while in carrying, one-half the weight of one Camera is saved.

Double Swing. The vertical swing can be operated to detach the body, if desired, as above described. The horizontal swing operates in the center and close to the ground glass (the correct position theoretically). The side-supports act only as pivots, the body being supported by, and clamped to, the bed at the bottom, thus making the whole back as rigid as if in one piece with the bed. This is an important point, and the device has only to be seen to be appreciated.

Double Rising Front. The front is provided with two means for raising the lens : a movable front board of the usual construction and an adjustable front, by means of which the whole front of the Camera carrying the bellows can be raised and lowered at will, thus giving more than double

the usual range of adjustment. Every photographer knows that most Cameras have insufficient range in this respect, especially if constructed with a view to compactness. Fig. 3 shows the enormous range of adjustment permitted by our construction.

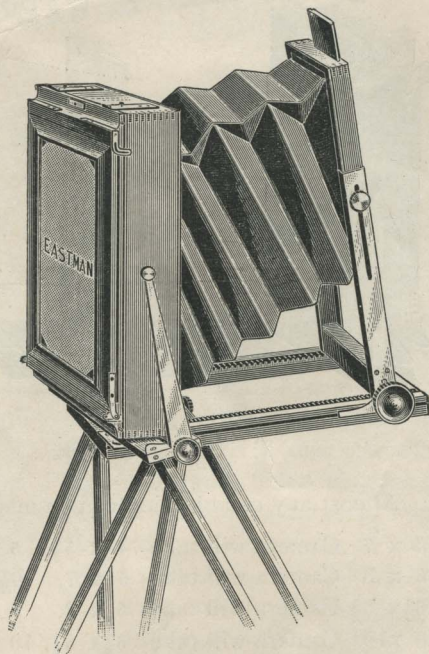


Fig. 3.

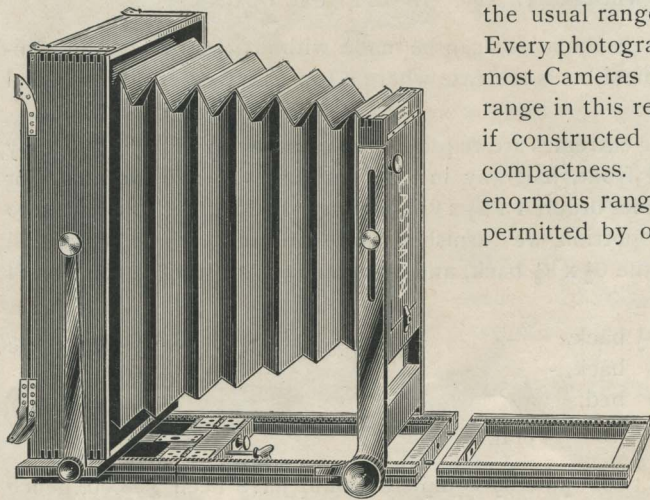


Fig. 4.

**The Camera is the best finished one I have ever seen. E. I. Horsman,
Manufacturer of Toys, Games, etc., 80 William Street, New York.**

Front Focus. The Eastman Camera has double rack and pinion for focusing, the rack and pinions being cut (not cast), and the movement is smooth and easy. One of the principal advantages of the front focus over the back focus, is that the weight is brought directly over the tripod, where it belongs.

Extension Bed. The length of bed is adapted in each size to the shortest focus lens that will cover the plate, and an extension piece is provided with each Camera for use with extra long focus lens, or for copying.

Reversible Back. The reversible back carries a hinged ground-glass frame, having hinges of such construction as will throw the frame out of the way of the roll-holder without detaching. The ground-glass frame may be entirely detached if desired, being provided with spring catch-hinges for that purpose.

Finish. The Camera body is of the best selected mahogany, French polished (no varnish), without stain, this treatment being the best for wear and to bring out the natural beauties of the wood. The brass work is hand polished (not buffed) and lacquered, microscope style; no nickel-plating is used to cover bad workmanship. All screws oval-headed, polished and lacquered. The workmanship in these Cameras is claimed to be better than found on any other Camera in the market. The object of placing these Cameras on the market is not to compete with cheap goods, but to supply a Camera of the finest possible workmanship at a moderate price.

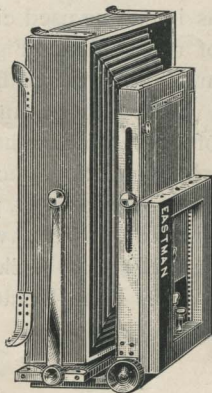


Fig. 5.

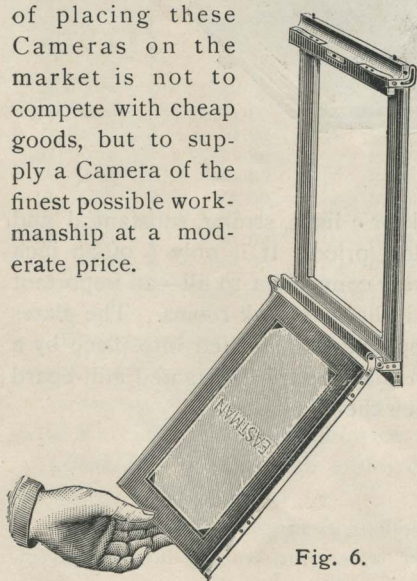


Fig. 6.

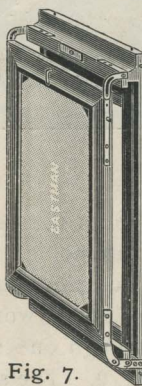


Fig. 7.

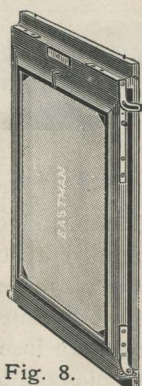


Fig. 8.

THE EUREKA GROUND-GLASS ADJUSTER

(Patent applied for),

Recently designed for these Cameras, combines all the advantages of the spring actuated ground-glass, and the old style hinged back, inasmuch

as it can be used either way. Fig. 6 shows it thrown down for insertion of roll-holder. Fig. 7 thrown open parallel for insertion of plate-holder, and Fig. 8, closed flat.

The great advantages in having it without springs to retard introduction of holder, and in having it close flat and snug, will be appreciated by those who have experienced the drawbacks of other styles. When swinging the glass open or shut, pressure should be kept *toward the hinge*, as in Fig. 6, this will prevent twisting. Fig. 1 shows Camera with Eureka Adjuster and Eastman-Walker Roll-Holder attached, and Fig. 10 with Eureka Double Plate-Holder in place.

The Eureka Double Plate-Holder.

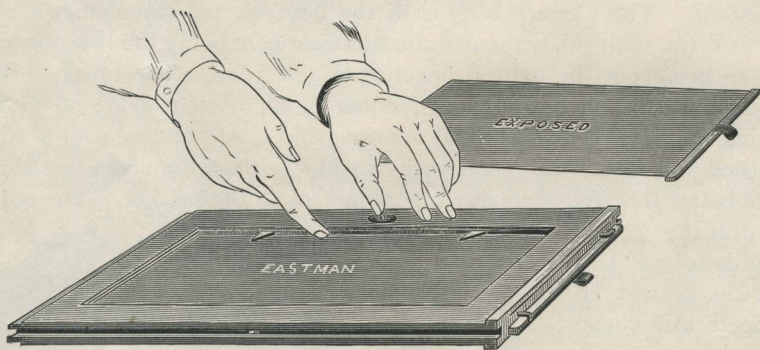


Fig. 9.

Just introduced, supplies the demand for a light, strong, substantial and light-tight double plate-holder, at a low price. It is only $\frac{5}{8}$ of an inch thick, is made all in one piece, and is very convenient to fill—an important point for those who have to work in ill-lighted dark-rooms. The plates are both inserted through one slide-opening and locked into place by a simple bolt, as in Fig. 9. The septum is a piece of corrugated mill-board which occupies very little space between the two plates.

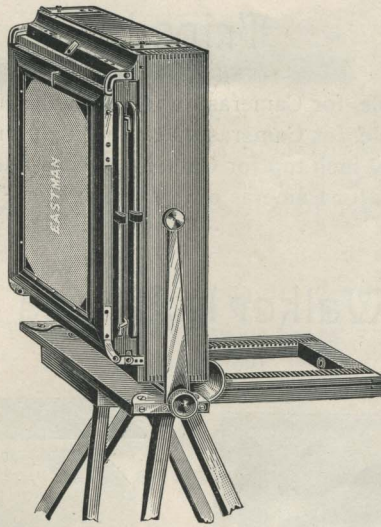


Fig. 10.

PRICE LIST OF EASTMAN'S INTERCHANGEABLE VIEW CAMERAS.

	Complete Camera including Extension Bed, one extra Lens Board and one Double Holder.	Extra Back and one Double Holder.	Double Holders Book Form.	Double Holders Eureka.	Eastman-Walker Roll-Holders, Model of '87.
4¼ x 5½	\$26 00	\$13 00	Not Made.	\$ 1 40	\$10 00
4¼ x 6½	28 00	14 00	"	1 40	10 00
5 x 7	32 00	16 00	\$ 2 50	1 50	12 50
5 x 8	34 00	17 00	2 50	1 60	12 50
6½ x 8½	36 00	18 00	4 20	2 00	16 00
8 x 10	40 00	20 00	6 00	2 40	20 00
10 x 12	50 00	25 00	8 00	3 50	24 00
11 x 14	60 00	30 00	10 00	4 00	30 00
14 x 17	75 00	37 50	12 50	6 00	40 00
17 x 20	85 00	42 50	15 00	8 00	50 00
18 x 22	90 00	45 00	18 00	10 00	60 00
20 x 24	100 00	50 00	21 00	15 00	75 00

Complete Cameras have canvas carrying cases. Extra backs have wood carrying cases.

Cameras with hinged ground-glass adjusters (see figs. 4 and 5), or with Eureka adjusters, same price.

Book-Holders (English style) can be furnished only for the hinged adjusters. (Figs. 4 and 5.)

Eureka Holders can be furnished for either style adjusters. No charge for fitting roll-holders purchased with Cameras.

I am thoroughly convinced that for tourists, if not for all landscape photographers, the American Film is in every respect far superior to glass.
J. C. Haines, of Struve, Haines & McMicken, Seattle, W. T.

Tripods.

- No. 1, Adjustable, for Cameras up to and including $6\frac{1}{2} \times 8\frac{1}{2}$, \$3 50
- No. 2, Adjustable, for Cameras up to and including 11×14 , 5 00
- No. 3, Jointed, 6 inch top for Cameras 11×14 and larger, 3 00
- No. 4, Compact, for Cameras up to 8×10 ; this Tripod folds up to $16\frac{1}{2}$ inches long, - - - - - 5 00

Eastman-Walker Improved Roll-Holder

(MODEL OF 1887.)

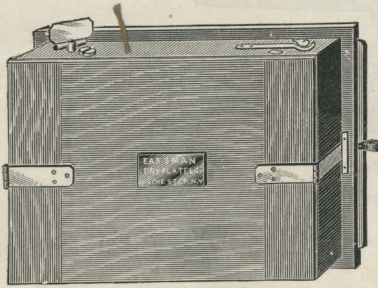


Fig. 11.

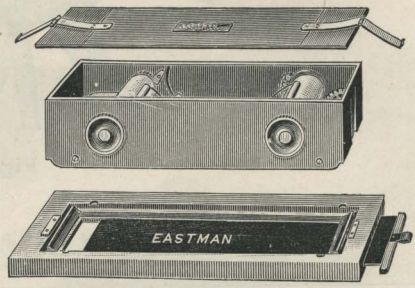


Fig. 12.

Label registered, 1885. Patented May 5, 1885; other patents applied for.

This new holder has the following advantages over all previous patterns: A reduction in weight, a reduction in size, a reduction in number of parts, a reduction in price.

The metal inside frame has been dispensed with and the working parts attached directly to the wood case, which has been strengthened to bear the strain, the result being a stronger, simpler and cheaper holder, less liable to get out of repair.

Fig. 11 shows the holder closed. Fig. 12 shows the cover removed and the case detached from the shutter frame.

PRICES OF MODEL OF 1887 ROLL-HOLDERS.

SIZE.	PRICE.	SIZE.	PRICE.	SIZE.	PRICE.
$3\frac{1}{4} \times 4\frac{1}{4}$,	\$ 9 00	5 x 7,	\$12 50	11 x 14,	\$30 00
4 x 5,	10 00	5 x 8,	12 50	14 x 17,	40 00
$4\frac{1}{4} \times 5\frac{1}{2}$,	10 00	$6\frac{1}{2} \times 8\frac{1}{2}$,	16 00	17 x 20,	50 00
$4\frac{1}{4} \times 6\frac{1}{2}$,	10 00	8 x 10,	20 00	18 x 22,	60 00
$4\frac{3}{4} \times 6\frac{1}{2}$,	12 50	10 x 12,	24 00	20 x 24,	75 00

FRENCH AND GERMAN SIZES.

SIZE.	PRICE.	SIZE.	PRICE.
9 x 12 cm.	\$ 9 00	18 x 24 cm.	\$16 00
13 x 18 "	12 50	21 x 27 "	20 00

The 6 1-2 x 8 1-2 Camera is certainly a daisy, the best we ever had in the store. Buchanan, Bromley & Co., 1030 Arch Street, Philadelphia, Pa.



Fig. 17.

EXTRA REELS FOR MODEL OF 1887 ROLL-HOLDERS. (Fig. 17.)

SIZE.	PRICE.	SIZE.	PRICE.	SIZE.	PRICE.
For 3¼ x 4¼,	50 cents	For 5 x 7,	50 cents	For 11 x 14,	\$ 1 00
“ 4 x 5,	50 “	“ 5 x 8,	50 “	“ 14 x 17,	1 00
“ 4¼ x 5½,	50 “	“ 6½ x 8½,	75 “	“ 17 x 20,	1 25
“ 4¼ x 6½,	50 “	“ 8 x 10,	75 “	“ 18 x 22,	1 50
“ 4¾ x 6½,	50 “	“ 10 x 12,	75 “	“ 20 x 24,	2 00

FRENCH AND GERMAN SIZES.

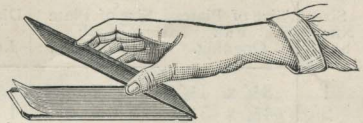
SIZE.	PRICE.	SIZE.	PRICE.
For 9 x 12 cm.	50 cents	For 18 x 24 cm.	75 cents
“ 13 x 18 “	50 “	“ 21 x 27 “	75 “

In ordering be sure and specify Model of 1887.

All fitted with the new single revolution audible indicator.

Film Carriers.

Film Carriers are used to expose single sheets of American Film in ordinary double slides; they are made in all sizes and can be used with any Camera.



The Carrier consists of a light metal frame which clamps the edges of the cut sheet of film flat against a thin board. The device is simple and effective, and is recommended for trial where the expense of a roll-holder is an objection.

PRICES OF FILM CARRIERS.

	$\frac{3}{32}$ IN. THICK.	$\frac{1}{8}$ IN. THICK.	$\frac{3}{16}$ IN. THICK.	$\frac{3}{32}$ IN. THICK.	$\frac{1}{8}$ IN. THICK.	$\frac{3}{16}$ IN. THICK.
3¼ x 4¼,	\$0 25	\$0 25	—	10 x 12,	—	\$ 60
4 x 5,	30	30	—	11 x 14,	—	75
4¾ x 6½,	35	—	—	14 x 17,	—	1 00
5 x 7,	35	—	35	FRENCH AND GERMAN SIZES.		
5 x 7½,	35	—	—	9 x 12 cm.	25	—
5 x 8,	35	35	35	13 x 18 “	35	—
6½ x 8½,	40	40	40	18 x 24 “	50	—
8 x 10,	50	50	50	21 x 22 “	50	—

Sizes not mentioned are not made and cannot be furnished.

In ordering carriers specify what thickness is wanted. The thicker the carrier the more rigid.

Double Holders that have the plate slide in from the end require the thinnest carrier ($\frac{3}{32}$).

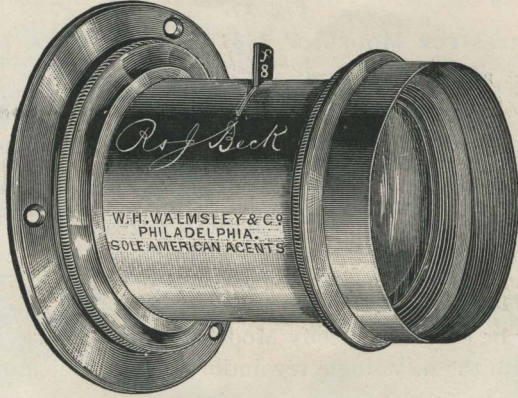
Holders of the “book” form will take the $\frac{1}{8}$ inch carriers when the septum is removed. As the carriers are opaque, the septum is not required.

Wet Plate-Holders require the $\frac{3}{16}$ carriers.

No nickel-plating to catch the eye of the unwary.

Beck's Autograph Lenses.

RECTILINEAR AND WIDE ANGLE.



5 x 4. ACTUAL SIZE.

PRICE LIST OF BECK'S AUTOGRAPH RECTILINEAR LENSES.

Size Numbers.	Size of Plate, Full Opening.	Size of Plate with Small Stop.	Diameter of Lenses.	Back Focus.	Equivalent Focus.	Angle of Aperture.	Price.
1	3¼ x 4¼	4¼ x 6½	¾ in.	4½ in.	5 in.	75°	\$ 25 00
2	4¼ x 5½	5 x 8	1 " "	6 " "	7 " "	70°	30 00
3	5 x 8	8 x 10	1 ⅜ " "	8 " "	9 " "	64°	35 00
4	6½ x 8½	10 x 12	1½ " "	10¼ " "	11 " "	67°	50 00
5	8 x 10	11 x 13	1¾ " "	12¼ " "	13 " "	66°	60 00
6	10 x 12	14 x 17	2 " "	14½ " "	16 " "	66°	75 00
7	11 x 13	18 x 20	2½ " "	16¾ " "	18 " "	66°	100 00
8	14 x 17	20 x 22	3 " "	22 " "	24 " "	66°	160 00
9	20 x 22	24 x 30	3⅝ " "	27½ " "	30 " "	66°	200 00
10	24 x 30	30 x 33		30 " "	33 " "	66°	250 00

BECK'S AUTOGRAPH WIDE-ANGLE LENSES.

These lenses embrace an angle of fully 100°; they are mounted in rigid settings or tubes, and furnished with *rotating* diaphragm plates, the stops of which bear the same number and ratios as those of the Autograph Rectilinear series. *The No. 1 size can be had in matched pairs for stereoscopic work.*

PRICE LIST OF BECK'S AUTOGRAPH WIDE-ANGLE LENSES.

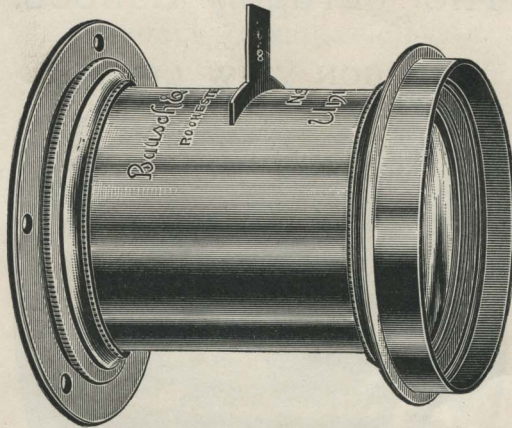
Size Numbers.	Size of Plates, Full Opening.	Size of Plates, with Small Stops.	Back Focus.	Equivalent Focus.	Angle of Aperture.	Price.
1	3¼ x 4¼	4¼ x 6½	2⅝ in.	3 in.	100°	\$25 00
2	4¼ x 5½	5 x 8	3⅞ " "	4 " "	100°	30 00
3	5 x 8	8 x 10	4¾ " "	5 " "	100°	37 50
4	6½ x 8½	10 x 12	6½ " "	7 " "	100°	50 00
5	8 x 10	14 x 17	8 " "	9 " "	100°	65 00

My friend is very much pleased with the Camera. **Geo. G. Rockwood,**
17 Union Square, New York.

Compliments of the Digitized Kodak Catalog Project: 1886 - 1941

BAUSCH & LOMB OPTICAL CO.'S

Universal Photographic Objectives.



PRICE LIST.

No.	SIZE OF PLATE.	DIAM. OF LENSES.	BACK FOCUS.	EQUIVALENT FOCUS.	PRICE.
1	4 x 5	1 in.	5 $\frac{3}{4}$ in.	6 $\frac{1}{4}$ in.	\$ 26 00
2	5 x 8	1 $\frac{3}{8}$ "	7 $\frac{3}{4}$ "	8 $\frac{1}{2}$ "	32 00
3	6 $\frac{1}{2}$ x 8 $\frac{1}{2}$	1 $\frac{5}{8}$ "	10 $\frac{3}{8}$ "	11 $\frac{1}{4}$ "	40 00
4	8 x 10	2 $\frac{1}{8}$ "	12 $\frac{1}{4}$ "	13 "	55 00
5	10 x 12	2 $\frac{3}{8}$ "	15 "	16 "	70 00
6	12 x 15	2 $\frac{5}{8}$ "	18 "	19 $\frac{1}{2}$ "	85 00
7	16 x 18	3 $\frac{1}{8}$ "	22 $\frac{1}{4}$ "	23 $\frac{3}{4}$ "	140 00

No. 1 Objectives can be furnished in pairs, exactly matched in focus, for stereoscopic work.

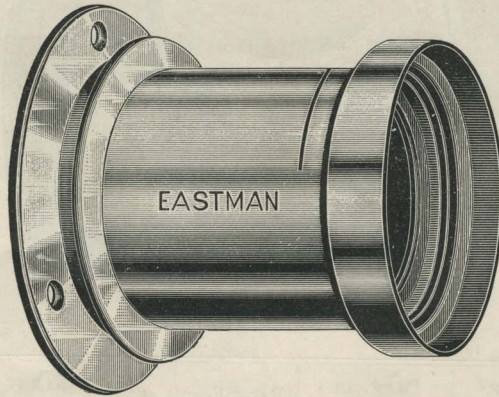
DESCRIPTION.

The lenses are composed of two exactly symmetrical combinations of such construction as to entirely eliminate all chromatic and spherical aberrations. The fact that there is no remnant of these two factors, gives the image a microscopic sharpness and absolute flatness with the full aperture of the lenses.

The diaphragms, as well as the flanges, are made according to the standards of the Photographic Society of Great Britain. The former are made to enter a slit in the middle of the barrel, and their apertures so arranged that each succeeding one requires double the exposure of the preceding. They are also provided with holes in their handles, so that they may be fastened together if desired. Each lens is provided with a neat morocco cap and case for diaphragms and polished brass screws for the flange.

The Paragon Lenses.

PARAGON VIEW LENSES.



SINGLE COMBINATION.

PRICE LIST.

NO.	LENGTH FOCUS.	SIZE OF PLATE.	PRICE.
1	6 inches.	4 x 5	\$ 5 00
2	8 "	4¾ x 6½	5 50
3	10 "	5 x 8	6 00
4	11 "	6½ x 8½	7 50
5	13 "	8 x 10	10 00

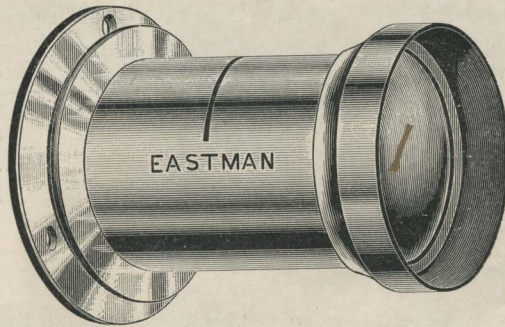
Each Lens furnished with two diaphragms and morocco cap.

These lenses are made especially to our order to supply the demand for a first-class view lens. They are much better lenses than those commonly sold with cheap outfits, working with great sharpness and brilliancy. They are finely mounted in lacquered brass, and besides being capable of doing good work make a creditable appearance upon an Eastman camera.

For price of complete outfits including these lenses, see page 15.

The Paragon Lenses.

DOUBLE COMBINATION.



PRICE LIST.

NO.	FOCUS.	SIZE OF PLATE.	PRICE.
1	7 inches.	4 x 5	\$10 00
2	9 "	5 x 8	15 00
3	11 "	6½ x 8½	20 00
4	13 "	8 x 10	25 00

These lenses will be found equal to many high-priced lenses, and are the best value for the money to be found in the market. They are strictly rectilinear, and have good depth and flatness of field; they work sharp to the margins when stopped down, and can be used with full aperture for drop-shutter work. Each lens is handsomely mounted in lacquered brass, and has full set of diaphragms and morocco cap.

Eastman's Cameras and Roll-Holders can be obtained from most dealers in photographic stock, or will be sent for inspection to any responsible party who will remit sufficient to cover express charges.

SEND TWO 2-CENT STAMPS FOR SAMPLE FILM NEGATIVE.

IMPORTANT NOTICE.

The Eastman Cameras and Roll-Holders are all made in the shops of the Eastman Company at Rochester, especially equipped for and devoted exclusively to this work.

Eastman's American Films.

(Patented October 14, 1884.)

PRICES OF CUT SHEETS.

SIZE.	PER PKG.	SIZE.	PER PKG.
3¼ x 4¼—2 dozen package,	\$0 70	10 x 12—1 dozen package,	\$3 00
4 x 5 " "	1 00	11 x 14 " "	4 00
4¾ x 6½ " "	1 50	14 x 17 " "	6 00
5 x 7 " "	1 75	16 x 20 " "	8 00
5 x 7½ " "	1 90	17 x 20 " "	8 50
5 x 8 " "	2 00	18 x 22 " "	10 00
6½ x 8½ " "	2 80	20 x 24 " "	12 00
8 x 10 " "	4 00		

Other sizes in proportion.

ON PATENT SPOOLS TO FIT THE EASTMAN-WALKER ROLL-HOLDER.

SIZE.	PRICE.	SIZE.	PRICE.
3¼ in. for 24 3¼ x 4¼ Exposures,	\$0 85	10 in. for 24 10 x 12 Exposures,	\$6 75
4 " " 4 x 5 " "	1 10	11 " " 11 x 14 " "	9 00
4¼ " " 4¼ x 6½ " "	1 55	14 " " 12 14 x 17 " "	6 75
4½ " " 4½ x 7½ " "	2 00	16 " " 16 x 20 " "	9 00
4¾ " " 4¾ x 6½ " "	1 75	17 " " 17 x 20 " "	10 00
5 " " 5 x 8 " "	2 20	18 " " 18 x 22 " "	11 50
6½ " " 6½ x 8½ " "	3 00	20 " " 20 x 24 " "	14 00
8 " " 8 x 10 " "	4 50		

Eight-inch spools and smaller can be furnished with 48 exposures at proportionate prices.

GELATINE SKINS.

SIZE.	PER PKG.	SIZE.	PER PKG.
3¼ x 4¼—2 doz. in pkg.,	\$0 20	11 x 14—1 doz. in pkg.,	\$1 00
4 x 5 " "	25	14 x 17 " "	1 50
4¼ x 5½ " "	30	16 x 20 " "	2 00
4½ x 6½ " "	35	18 x 22 " "	2 50
4¾ x 6½ " "	40	20 x 24 " "	3 00
5 x 7 " "	40	24 x 30 " "	4 00
5 x 7½ " "	50	FRENCH AND GERMAN SIZES.	
5 x 8 " "	50	9 x 12 cm., - - -	\$0 25
6½ x 8½ " "	70	13 x 18 " - - -	40
8 x 10 " "	1 00	18 x 24 " - - -	1 00
10 x 12—1 doz. in pkg.,	75	21 x 27 " - - -	1 30

Eastman's Gelatine Skins are made especially for use with American films, and no others should be used.

Out of nearly five hundred Films exposed I have no failures that would not have occurred with glass. W. B. Tyler, Alameda, Cal.

Plain Collodion for varnishing American films (see instructions), 50 cents per 8-oz. bottle.

Rubber solution, 25 cents per 8-oz. bottle.

Eastman's Concentrated Developer, for American films, 50 cents per 8-oz. bottle.



Squeeges, velvet rubber, 6-inch, 40 cents ; 8-inch, 50 cents ; 12-inch, 75 cents.

Outfits.

101 Outfit, 5x 8 :

One 5 x 8 Eastman interchangeable view camera, one double plate-holder, one extension bed, one extra lens board and canvas carrying case, - - - - -	\$34 00
One 5 x 8 roll-holder, model of 1887, fitted to camera, -	12 50
One No. 1 tripod, - - - - -	3 50
One Beck autograph rapid rectilinear lens, - - -	35 00
One focusing cloth, - - - - -	1 00
Total, - - - - -	\$86 00

102 Outfit : same as 101 except with Bausch & Lomb lens, -	\$ 83 00
103 " " 101 " Paragon rectilinear lens, -	66 00
104 " " 101 " Paragon view lens, -	57 00
111 " " 101, but size 6½ x 8½, - - -	106 50
112 " " 102, " " - - -	96 50
113 " " 103, " " - - -	76 50
114 " " 104, " " - - -	64 00
121 " " 101, " 8 x 10, - - -	126 00
122 " " 102, " " - - -	121 00
123 " " 103, " " - - -	91 00
124 " " 104, " " - - -	76 00

If you question the results obtained in Film Photography, send two 2-cent stamps for sample Film Negative.

EASTMAN'S
Permanent Bromide Paper

HAS been accepted as the standard by photographers in all parts of the world. Its uniformity of coating and the excellence of its chemical effects enable us to easily distance all competitors.

Much speculation has been indulged in both in this country and Europe as to the materials employed which enable us to get results so dissimilar from others who claim to make the same kind of paper. A comparative trial will invariably show the superiority of our paper.

Permanent Bromide Paper is adapted for enlarging and contact printing, as well as for a variety of uses not usually included under these two heads. Our pamphlet, entitled

Permanent Bromide Paper and its Uses,

Is the most complete work ever issued on the subject; gives complete instructions for working the paper, and the construction and use of enlarging apparatus. Sent free to any address.

THE EASTMAN DRY PLATE AND FILM CO.,

ROCHESTER, N. Y.



The 14x17 Camera arrived yesterday. It is a beautiful instrument, and I am highly pleased with it. C. T. Collier, Riverside, Cal.