

(Model.)

2 Sheets—Sheet 1.

E. B. BARKER.

CAMERA BOX.

No. 255,567.

Patented Mar. 28, 1882.

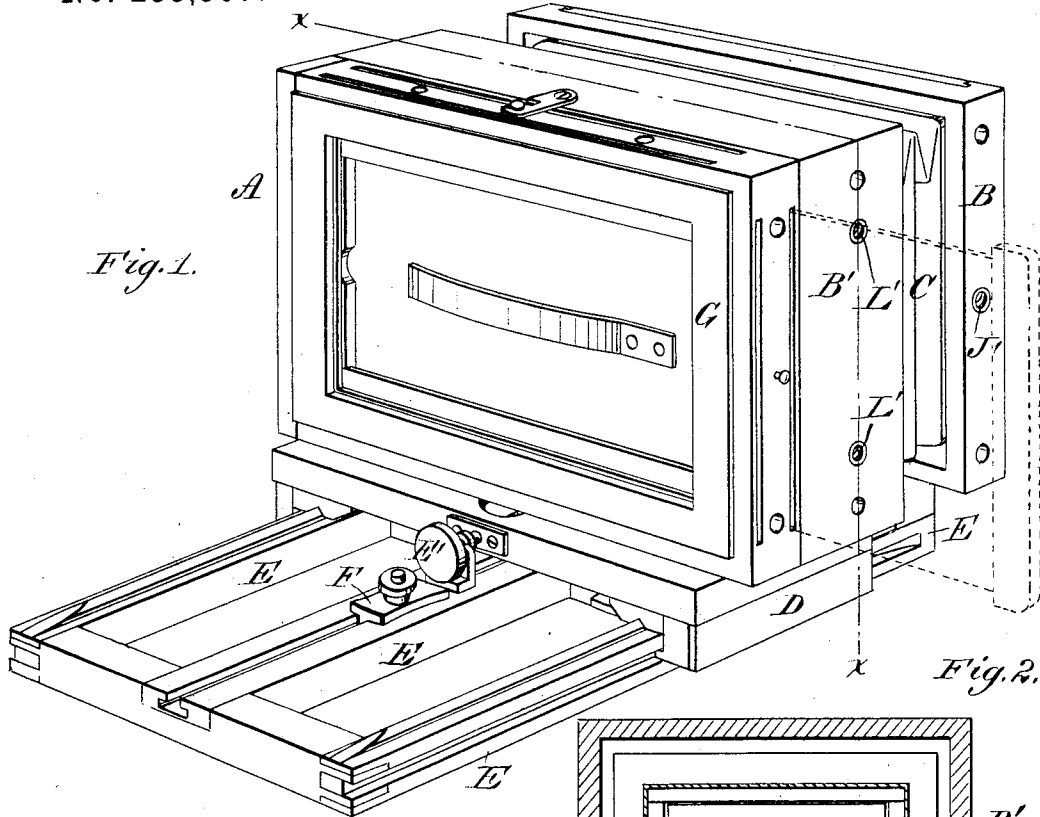


Fig. 1.

Fig. 2.

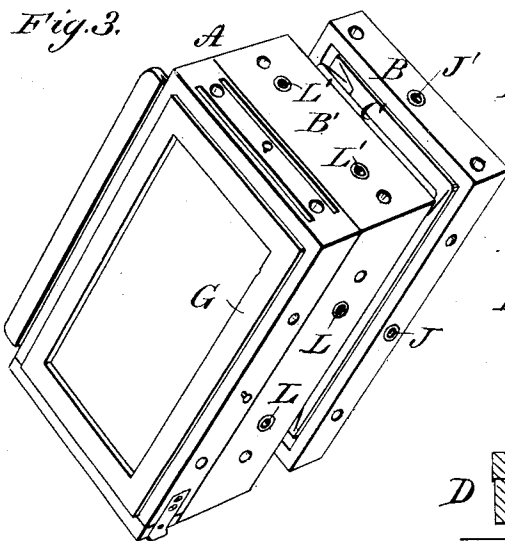
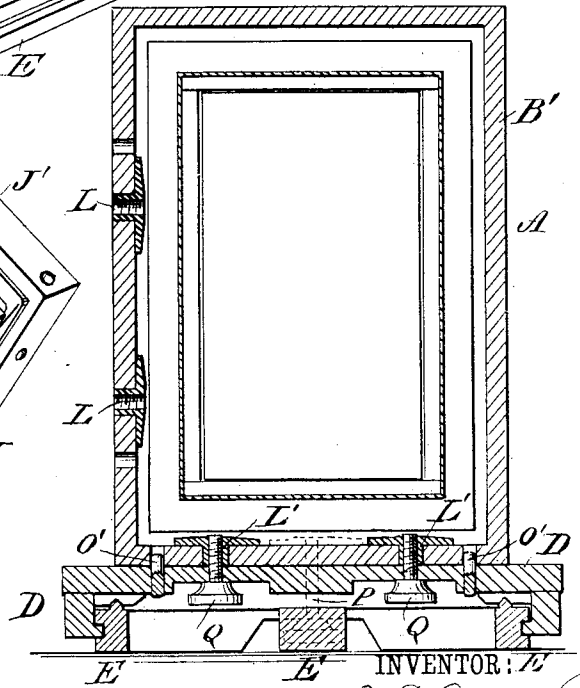


Fig. 3.



WITNESSES:

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*C. Sedgwick*

INVENTOR: E. B. Barker

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 BY *Munn Co*  
 ATTORNEYS.

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Fig. 4.

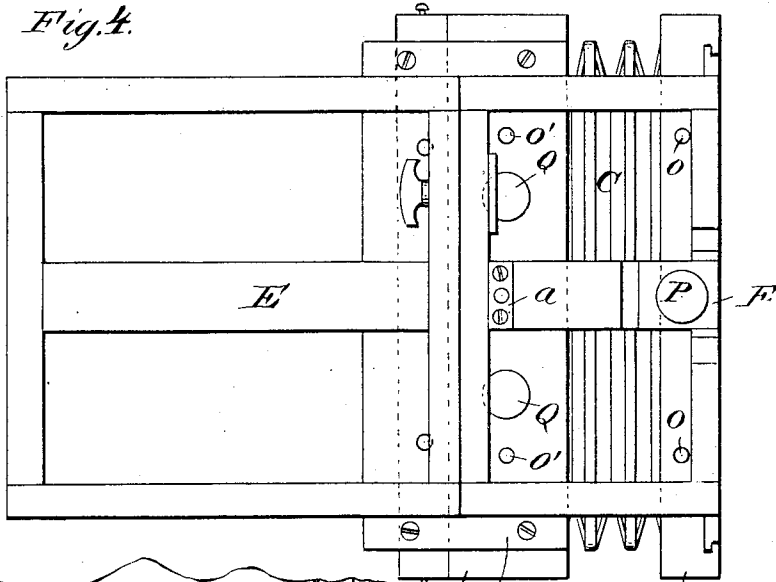


Fig. 6.

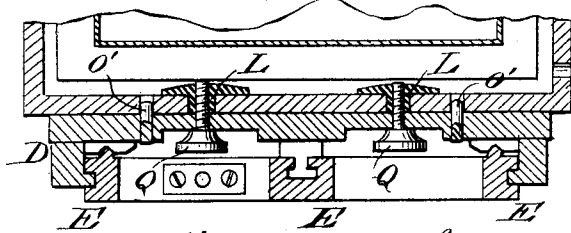


Fig. 7.

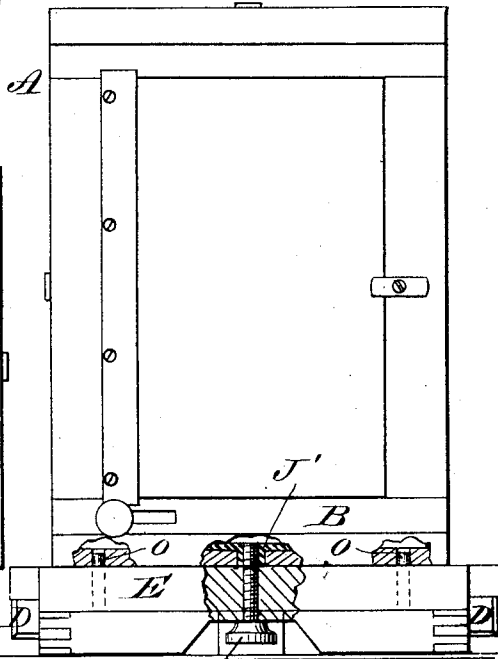
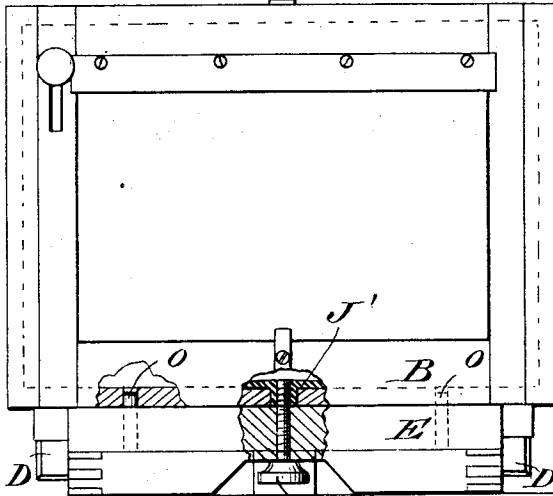


Fig. 5.



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# UNITED STATES PATENT OFFICE.

ERASTUS B. BARKER, OF NEW YORK, N. Y., ASSIGNOR TO E. & H. T. ANTHONY & CO., OF SAME PLACE.

## CAMERA-BOX.

SPECIFICATION forming part of Letters Patent No. 255,567, dated March 28, 1882.

Application filed December 31, 1881. (Model.)

*To all whom it may concern:*

Be it known that I, ERASTUS B. BARKER, of the city, county, and State of New York, have invented a new and Improved Camera-Box, of which the following is a full, clear, and exact description.

The object of my invention is to facilitate the changing and adjustment of the camera-box upon its supports for taking either horizontal or vertical pictures, and without disturbing the ordinary operation and adjustment of the sliding support, by means of which and its attachments the focusing of the picture is effected.

The invention consists in a camera-box and sliding support provided with adjusting attachments, whereby the camera-box may be conveniently changed from a horizontal to a vertical position, and vice versa, without disturbing the position of the sliding support or the focusing-screws, and without removing the under frame of the support from the tripod.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of a camera-box and its sliding support and under frame, the camera-box being shown with its longitudinal axis parallel with its sliding support, for taking pictures that are longer horizontally than vertically. Fig. 2 is a longitudinal sectional elevation of the camera-box and its support, on the line *x x*, Fig. 1, the camera-box being shown with its longitudinal axis at right angles to the sliding support for taking pictures that are longer vertically than horizontally. Fig. 3 is a perspective view of the camera-box, showing it detached from its sliding support and under frame. Fig. 4 is a plan view of the under side of the camera-box, its sliding support, and under frame, the camera-box being held longitudinally on its sliding support and under frame. Fig. 5 is a front elevation of the camera-box, showing it held longitudinally on its sliding support and under frame, parts being in section. Fig. 6 is a longitudinal sectional elevation of a portion of the camera-box and its support and under frame on the line *x x*, Fig. 1, the camera-box being

shown with its longitudinal axis parallel with the sliding support. Fig. 7 is a front elevation of the camera-box, showing it held vertically on its sliding support and under frame, parts being in section.

The under frame, E, is constructed in the usual manner, and on it the ordinary sliding support, D, of the camera A travels. The frame E and the support D are provided with the usual adjusting and focusing screws, F E', and are made in the usual manner, so that further description of the same will not be necessary. The under frame is to be attached to a tripod in the usual manner by a screw, which extends from the tripod up into a nut, *a*, in the bottom of the frame E, as shown in Fig. 4.

The camera-box A is made in two sections, the front stationary section, B, and rear movable section, B', being connected by the bellows C, and the dark slide shown is of the same construction as that for which I have applied for a patent of even date. The front section, B, is secured to the under frame, E, by means of a thumb-screw, P, that passes up through the front edge of the frame E into a nut, J, in the under side of the front section, B, and at each side of the screw P are guide-pins O O, that fit in corresponding apertures in the side of the section B, as shown in Fig. 5. The rear section, B', of the camera-box is attached to the sliding support D by means of thumb-screws Q Q, that pass up through the bottom of the sliding support D into nuts or threaded apertures L' in the under side of the section B', as shown in Fig. 6.

Guide-pins O' O' on the support D also fit in corresponding apertures in the bottom of the section B', as shown in Fig. 6. When the camera-box is attached to the support D and the under frame, E, as shown in Figs. 1, 4, 5, and 6, it is arranged for taking horizontal pictures—that is, pictures of which the horizontal axis is longer than the vertical axis.

If it is desired to change the position of the camera-box so as to take vertical pictures—that is, pictures in which the vertical axis is longer than the horizontal axis—the screws P and Q Q are loosened and the camera-box is detached from the under frame, E, and support D, and is then turned and secured, end up-

ward, on the frame E and support D, as shown in Figs. 2 and 7. The screws P and Q Q will now take in the nuts J' L' L', and the guide-pins O O' in corresponding apertures in the lower ends of the sections B and B'. By means of the screws P and Q Q and nuts J' and L' L' the camera-box will thus be held in a vertical position on its sliding support D and under frame, E, and vertical pictures can be taken.

The screws P and Q Q and the nuts J J' and L L' constitute the adjusting devices, by means of which the camera-box may quickly be changed and secured in either a horizontal or vertical position on the sliding support and under frame, and this change, it will be observed, can be made without disturbing or interfering with the usual action of the sliding support on the under frame.

Heretofore in order to take vertical pictures it has been necessary to separate the camera-box and its supports from the tripod, and simply to rest only the front section of the camera-box on the side on the tripod, there being no suitable means for fastening it. This is a very insecure and inconvenient method, and renders proper focusing extremely difficult and the camera very unsteady; but by means of my improvements the camera-box may be speedily and securely changed and fastened, end up or side up, as required, upon its sup-

ports, and the camera may be accurately focused and adjusted in either position in the ordinary manner for the taking of either horizontal or vertical pictures.

I do not limit or confine myself to the exact form or operation of any of the parts herein shown and described, as they may be varied without departing from my invention.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

1. A reversible camera-box, made substantially as herein shown and described, with adjusting attachments for securing the box in different positions upon the under frame and sliding support, whereby the position of the box upon the frame and sliding support can be quickly changed for the taking of horizontal or vertical pictures without altering or affecting the operations of the sliding support and focusing-screws, as set forth.

2. The combination, with the camera-box, under frame, and sliding support, of the adjusting devices adapted to secure said box in a vertical or horizontal position, as shown and described, for the purpose set forth.

ERASTUS B. BARKER.

Witnesses:

C. SEDGWICK,  
J. H. SCARBOROUGH.