

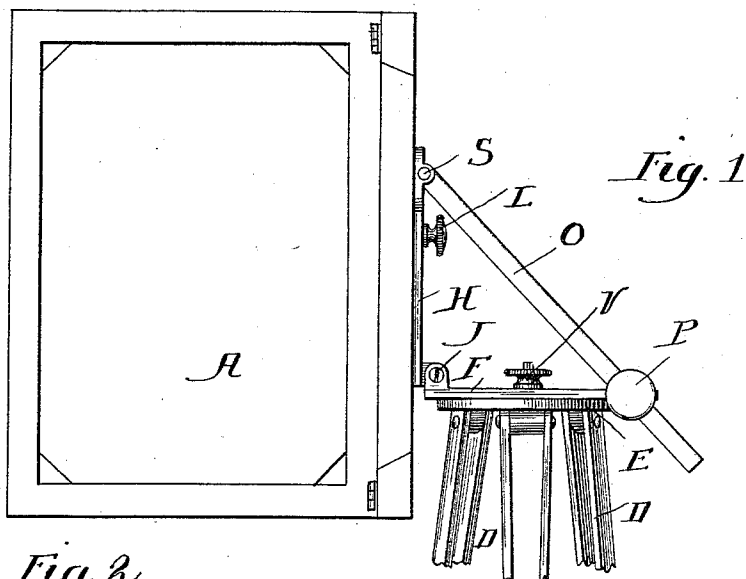
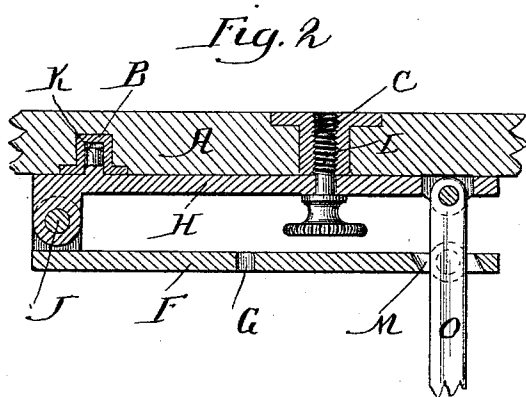
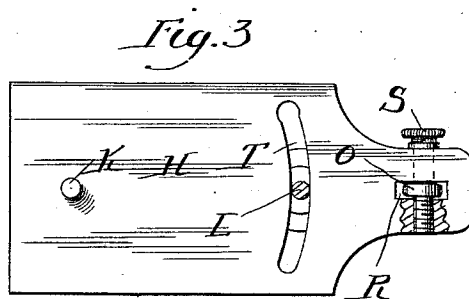
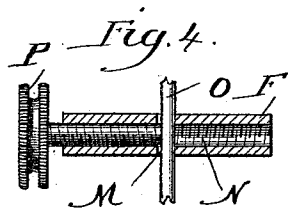
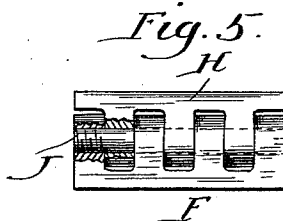
(No Model.)

C. S. BLAKE.

ADJUSTABLE SUPPORT FOR PHOTOGRAPHIC CAMERAS.

No. 439,098.

Patented Oct. 28, 1890.



Witnesses:

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CHARLES S. BLAKE, OF CHICAGO, ILLINOIS.

ADJUSTABLE SUPPORT FOR PHOTOGRAPHIC CAMERAS.

SPECIFICATION forming part of Letters Patent No. 439,098, dated October 28, 1890.

Application filed June 2, 1890. Serial No. 353,947. (No model.)

To all whom it may concern:

Be it known that I, CHARLES S. BLAKE, a citizen of the United States, and a resident of Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Adjustable Supports for Photographic Cameras, of which the following is a specification.

My invention relates to adjustable supports for photographic cameras. It is illustrated in the accompanying drawings, wherein—

Figure 1 is a side view of the device in operation. Fig. 2 is a detail cross-section of the camera in its usual position. Fig. 3 is a detail of the supporting-plate and one part of the support. Fig. 4 is a detail of the set-screw on the other plate. Fig. 5 is a detail of the hinge.

Like parts are indicated by the same letter in all the figures.

A is the camera, preferably having the pivot-box B and a screw-threaded part C.

D D are the tripod legs, having the top E, upon which the plate F is pivoted by means of the pivotal point G.

H is the other plate of the support, and the two are hinged together by the screw-bolt J, which permits them to be taken apart when desired.

K is a pivot-pin on the plate H, which passes into the pivot-box B, and L is a thumb-screw, which passes through the plate H and enters the screw-threaded body C.

M is an aperture in the plate F, through which passes the rod O, and there is a transverse screw-threaded aperture N through the plate F, in either side of which the thumb-screw P may be introduced, so as to clamp or engage the rod O. The rod O is pivoted to the plate H in the aperture R by the thumb-screw S, and contains the slot T, through which passes the thumb-screw L. These parts could be somewhat altered without departing from the spirit of my invention.

The use and operation of my invention are as follows: The supporter may be easily transported or packed for shipment by withdrawing any of the thumb-screws L P S or all of them and folding the parts together. When, however, the parts are in proper re-

lation to each other, they will be securely hinged together at one end, and the plate F will be secured pivotally, if desired, or perhaps preferably rigidly, on the plate F by means of the thumb-screw V. In this position the parts would normally be as indicated in Fig. 2. If, now, for any reason—as, for instance, on account of the inequality of the ground upon which the tripod has been placed—it may be desirable to change the angle of the camera to the plate F, it may be done by loosening the thumb-screw P and raising the camera until it attains the right position and then securing such thumb-piece against the rod O.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is as follows:

1. The combination of a camera with a two-part support, one said part secured to the tripod, the other secured to the camera by a pivot and adjustably secured by means of a slot concentric with such pivot, the two said portions hinged together at one end and adapted to be adjustably secured to each other at the other end.

2. The combination of a camera with a two-part support, one said part secured to the tripod, the other secured to the camera by a pivot and adjustably secured by means of a slot concentric with such pivot, the two said portions hinged together at one end and adapted to be adjustably secured to each other at the other end by means of a rod pivoted to one of them and a thumb-screw on the other adapted to engage such rod.

3. The combination of a camera with a base-plate consisting of two sections, one secured on the camera pivotally, the other to the tripod, and hinged together at one end, with a rod pivoted to the other end of one of the pieces and provided with a thumb-screw to engage the other end of the other piece, said rod thus adapted to adjustably connect the free ends of the two pieces or when released from one of them to fold against the other.

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Witnesses:

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