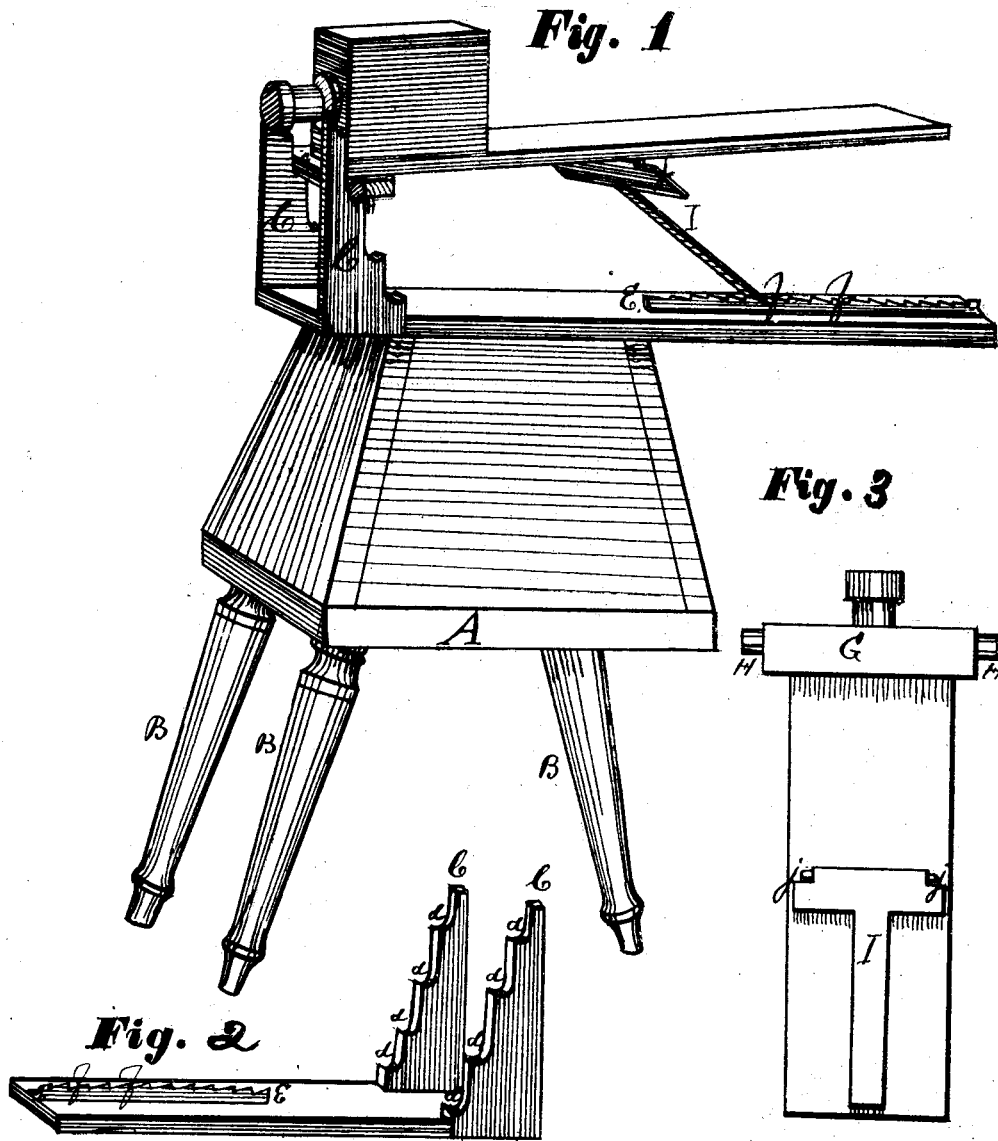


*A. R. Crilfield,*

*Camera Stand.*

*No. 113,267.*

*Patented Apr. 4, 1871.*



**Witness**  
*C. B. Corro.*  
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# United States Patent Office.

AYLETT R. CRIHFIELD, OF LINCOLN, ILLINOIS.

Letters Patent No. 113,267, dated April 4, 1871.

## IMPROVEMENT IN CAMERA-STANDS.

The Schedule referred to in these Letters Patent and making part of the same.

I, AYLETT R. CRIHFIELD, of the city of Lincoln, in the county of Logan and State of Illinois, have invented certain Improvements in Camera-Stands for the use of Photographers.

My invention has for its object to improve the means of elevating and depressing either end of the camera-box.

Figure 1 represents my invention as seen when mounted ready for use or operation.

Figure 2 is a sectional view of that part of my invention which is placed on top of any of the usual or ordinary bases or stands used in sustaining and operating camera-boxes, and constitutes a correct view of that portion of my invention which serves as a support for the camera-box.

Figure 3 is a view of the bottom of a camera ready to be placed upon the base or bearings, as shown in fig. 2.

Like letters of reference represent or indicate like parts in the various figures in the annexed drawing.

In order that others skilled in the art may construct my invention, I hereby give a true and exact description of the same.

I first mount a base upon legs, or in any of the ordinary ways used in such cases. Said base, in fig. 1, I indicate by the letter A, and the support to the same I indicate by the letters B B B.

In order to have my invention arranged for use I place upon the base A that part of my invention shown fully by fig. 2. This I secure in its place firmly by any practicable means, as screws, glue, or nails.

On this appliance, when properly fastened as above, there is in like manner secured two uprights. These are indicated by the letters C C. These uprights have a series of notches cut therein, the number thereof not being definite, only each upright must have the same number, and they must be the same distance apart. Said notches are indicated in fig. 2 by the letters *d d d d d d d*.

I place upon that portion of my invention indicated by fig. 2, and which supports the uprights C C, a piece of brass or other suitable material of the proper length, securely fasten the same, first making a series of notches in the same. Said piece I indicate by the letter E. The notches in the same I indicate by the letters *f f*.

When the above-described portion of my invention, shown by fig. 2, is properly in place, it becomes a means of support for the camera-box, shown in fig. 3.

Upon the front end, and upon the bottom of any of the ordinary camera-boxes, there is placed a piece or axle, which piece I indicate by the letter G. This is also secured firmly to the camera-box.

On each end of said axle I form a journal, in size and length suited to lie upon or fit in the notches *d d d d d d d* of fig. 2. Said journals I indicate by the letters H H in fig. 3.

Upon the bottom of said camera-box I hinge a piece of some wood and metal combined, or of some other suitable material. Said piece I indicate in fig. 3 by the letter I. The hinge holding the same I indicate by the letters *j j*.

To operate the same the camera-box, fig. 3, is placed so that the journals on the ends of the piece G, said journals being indicated by the letters H H, will rest upon and play or turn in the notches *d d d d d d d* of fig. 2. When the front end of the camera is placed in this proper position it will be necessary, to secure the operation of the parts, to let the lower end of the hinge-piece I, fig. 3, fall down, when it will engage with the notches *f f* in the piece E, fig. 2.

The various parts now present the appearance as shown in fig. 1. Now, to operate the same, if it is desired to raise the rear end of the camera, in order to give depression to the lens in front, it is only necessary to raise the rear end of the camera-box, when the hinged piece I, fig. 3, will catch in or engage with the notches *f f* in the piece E, fig. 2.

If it is desired to lower the rear end of the camera-box in order to give elevation to the lens in front, the hinged piece I, fig. 3, is disengaged from its place in the notches *f f*, fig. 2, and moved back till the rear end of the camera is depressed sufficiently to suit the operator, when said hinged piece is again allowed to engage with the notches *f f*, as aforesaid.

If it is desirable to give the whole camera-box a greater degree of height or depression, it is done by raising the journals H H, fig. 3, from their resting place in the notches *d d d d d d d*, fig. 2, and placed in other notches higher up or lower down, to suit the wish of the operator. It matters not in which series of notches the journals H H are made to play or rest, the operation of the hinged piece I will be the same as described above.

What I claim as my invention, and desire to secure by Letters Patent of the United States, is—

The arrangement of the notched uprights C C, fig. 2, and the hinged piece I, fig. 3, and the notched piece E, fig. 2, arranged and operated together for the uses and purposes substantially as described.

AYLETT R. CRIHFIELD.

Witnesses:

E. B. CORE,  
S. B. JACOBS.