

M. FLAMMANG.

Improvement in Photographic Camera Boxes.

No. 124,674.

Patented March 19, 1872.

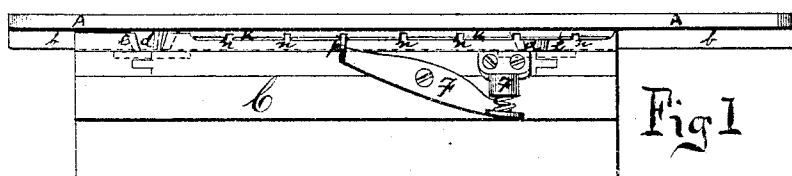


Fig 1

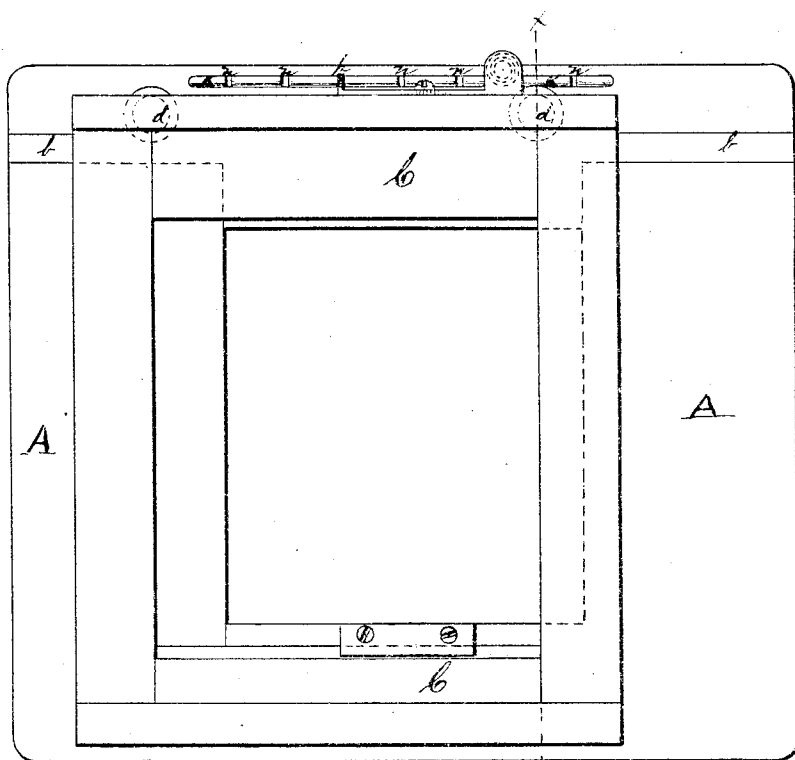


Fig 2

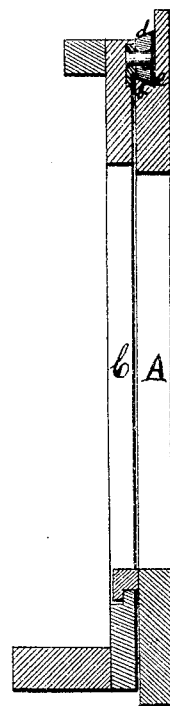


Fig 3

WITNESSES

G. Thomas
C. Wells

INVENTOR

M. Flammang

UNITED STATES PATENT OFFICE.

MATHIAS FLAMMANG, OF NEW YORK, N. Y., ASSIGNOR TO SCOVILL MANUFACTURING COMPANY, OF SAME PLACE.

IMPROVEMENT IN PHOTOGRAPHIC CAMERA-BOXES.

Specification forming part of Letters Patent No. 124,674, dated March 19, 1872.

I, MATHIAS FLAMMANG, of New York, in the county and State of New York, have invented certain Improvements in Camera-Boxes; of which the following is a specification:

My invention consists of the mechanism by means of which the carriage or plate-holder is operated. The first part relates to the construction of the back part of a camera-box, in combination with the carriage or plate-holder in such a manner that the said carriage or plate-holder shall work with perfect ease and freedom, and also retain its position of close and intimate connection therewith, preventing any admission of light notwithstanding the usual wear. The second part relates to the combination, with a camera-box and carriage or holder, of the spring-catch, by means of which the distance of movement is regulated and the exact point determined at which it is necessary for the carriage or plate holder to stop to enable a photographic operator to take the number of pictures desired on a single plate.

Figure 1 is a top view of the back part of a camera-box and carriage or plate holder. Fig. 2 is a back view of the same. Fig. 3 is a vertical sectional view along the line *xx*, Fig. 2.

A is the back part of the camera-box, to which is attached permanently the track or way *b*. *C* is the carriage or plate holder, pro-

vided with two rollers, *d d*, which travel on *b*. By means of these rollers the carriage or plate holder moves very easily from side to side, as is required, and with much greater facility than has heretofore been attained. The track *t* and rollers *d* are beveled, as shown at *e*, as this shape tends to hug the carriage or plate holder to the back of the camera-box; but I do not confine myself to the position of the rollers and track, as they might be interchanged, the rollers put on the back of the camera-box and the track on the carriage or plate holder. *F* is a spring-catch, attached to the top of the carriage or plate holder, and is used to locate and confine it in position, which it does by means of the point *p*, taking into the notches *nn* in the stationary rack *k*. This is used when the photographic operator desires to take more than one picture on a single plate, and renders the operation one of ease and certainty as far as the position of the plate is concerned.

I claim as my invention—

The combination, with a camera-box and carriage or plate holder, of rollers, constructed as described, when used for the purpose specified.

M. FLAMMANG.

Witnesses:

G. C. THOMAS,
O. J. WELLS.