W. H. LAIRD.

Photographic-Printing Frame.

No. 207,358. Patented Aug. 27, 1878.

Fig. 1.

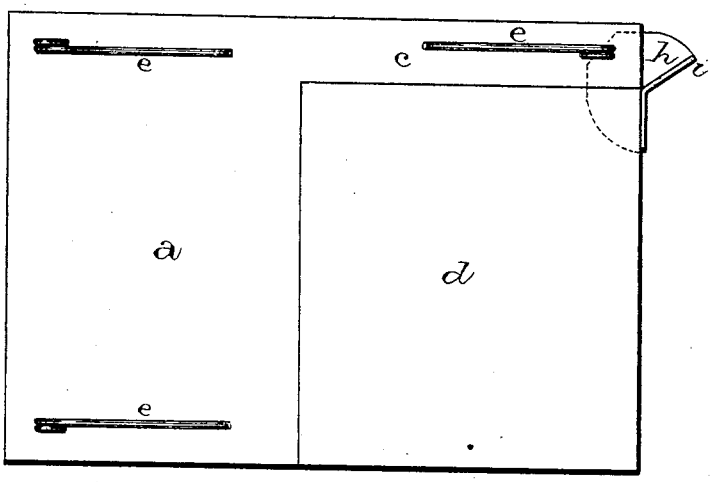
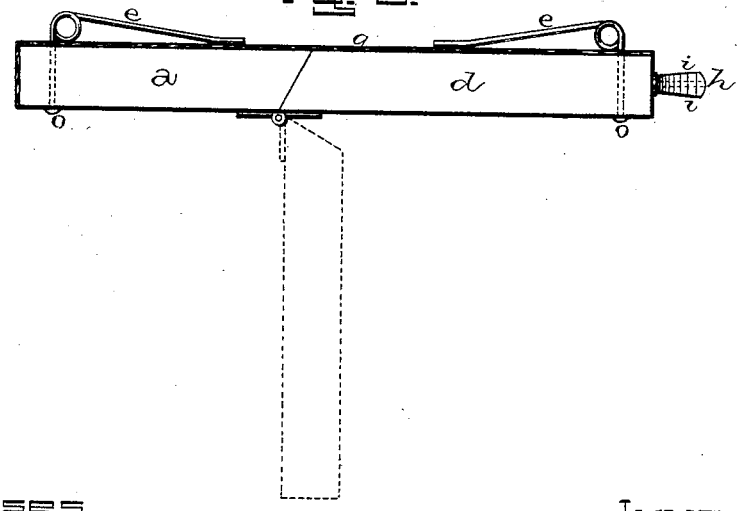


Fig. 2.



Witnesses.

J. W. Garner

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Wm. H. Laird.

per

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UNITED STATES PATENT OFFICE.

WILLIAM H. LAIRD, OF MENDON, MICHIGAN.

IMPROVEMENT IN PHOTOGRAPHIC-PRINTING FRAMES.

Specification forming part of Letters Patent No. **207,358**, dated August 27, 1878; application filed May 13, 1878.

To all whom it may concern:

Be it known that I, WILLIAM H. LAIRD, of Mendon, in the county of St. Joseph and State of Michigan, have invented certain new and useful Improvements in Photographers' Printing-Frames; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in photographic-printing frames; and it consists in making the frame out of two pieces of wood, one of which is hinged to the other so as to open downward, leaving the negative and print held at three corners, so that the print can be examined at any moment without the slightest fear of displacing the print.

It also consists in the peculiar construction of the catch by which the two parts are held in position, all of which will be more fully described hereinafter.

The accompanying drawings represent my invention.

a represents a piece of board of any size desired, and which is cut away at one corner and across its center, so as to form the long projection *c*. Hinged to this board *a* is another board, *d*, which just fills the cut-away corner of the board *a*, as shown. At all three corners of the board *a* is placed a spring, *e*, which holds the cloth *g*, the print, and the negative in position.

In the end of the projection *c* is a longitudinal groove, and in this groove is pivoted the catch *h*, of the shape shown, and which is provided with the flanges *i*, which act as stops to limit the movement of the catch. In the corner of the board *d* is made a similar groove, in which the catch catches when the two pieces are closed together. Owing to the shape of the catch, while locking the board *d* in position, one corner projects outward, which forms a handy and convenient means of operating it.

When it is desired to examine the print, the catch is moved back, so as to release the board *d*, which instantly drops downward, leaving the print and negative held at three corners, while the fourth corner is left exposed, so that the print can be examined without the slightest danger of being displaced.

The ends of the springs *e* pass down through the bottom of the board *a*, and project a short distance, and upon these projecting ends is poured a drop of solder or lead, *o*, which forms enough head to prevent the springs from coming out. The spring which passes down through the projection *c* forms the pivot upon which the catch turns, and thus dispenses with an extra pivot for this purpose.

Having thus described my invention, I claim—

1. The frame composed of the board *a*, having the projection *c*, in combination with the board *d* and a suitable holding device, substantially as shown.

2. The combination of the spring *e*, projection *c*, and catch *h*, the spring serving as the pivot upon which the catch turns, substantially as described.

In testimony that I claim the foregoing I have hereunto set my hand this 6th day of May, 1878.

WILLIAM H. LAIRD.

Witnesses:
LEONIDAS G. WOOLLEY,
CHAS. W. LAIRD.