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S.F. Conant & H.A. Marley. Photographic Printing

Frame.

PATENTED

FEB 11 1868

Fig. 1.

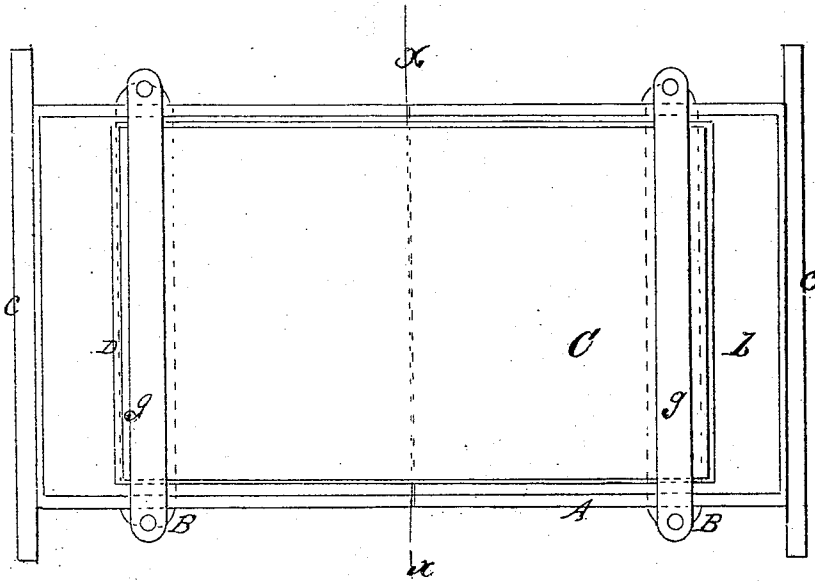
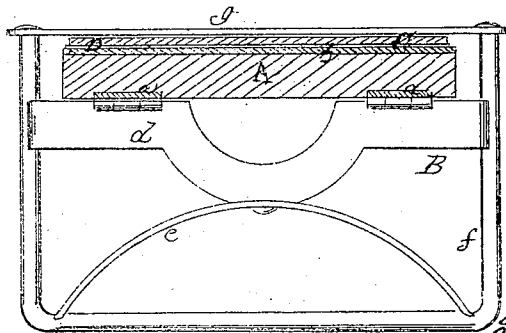


Fig. 2.



WITNESSES,

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SAMUEL F. CONANT AND HORACE A. MANLEY, OF SKOWHEGAN, MAINE.

Letters Patent No. 74,311, dated February 11, 1868.

PHOTOGRAPHIC-PRINTING FRAME.

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

TO ALL WHOM IT MAY CONCERN:

Be it known that we, SAMUEL F. CONANT and HORACE A. MANLEY, of Skowhegan, in the county of Somerset, and State of Maine, have invented a new and improved Photographic-Printing Frame; and we do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to a new and improved frame or clamp for holding the negatives while the photographs are being copied or printed therefrom.

The object of the invention is to obtain a device for the purpose specified, which will admit of the paper and negative being readily fitted in and removed from the frame, the progress of the printing or copying readily inspected from time to time, and the negative and paper firmly retained in contact on the frame. In the accompanying sheet of drawings—

Figure 1 is a plan or top view of our invention.

Figure 2. a transverse vertical section of the same, taken in the line *x x*, fig. 1.

Similar letters of reference indicate corresponding parts.

A represents a block, of rectangular form, and of any suitable dimensions, composed of two equal parts, connected by hinges *a a*, the latter being at the under side, to admit of the two parts of the block being pressed downward, but not upward. The upper surface of this block is covered or padded with a piece of cloth, baize, or other suitable material, *b*, and a cleat, *c*, is glued, or otherwise attached to the outer end of each of the two parts of the block. B B represent two clamps, composed each of a cross-bar, *d*, a spring, *e*, a loop, *f*, and a cross-plate, *g*. The cross-bars *d* may be of wood, and they are constructed with a loop or curve at the centre large enough to receive the thumb, as shown clearly in fig. 2. The springs *e* are of semi-elliptic form, and are attached at the centres to the bottoms of the cross-bars *d*, and bear against the bottoms of the loops *f*. The loops *f* form three sides of a quadrangle, the side portions fitting in grooves or notches at the ends of the cross-bars *d*, and the cross-plates *g* attached to the upper ends of the side portions of the loops.

It will be seen, by referring to fig. 2, that the springs *e* will have a tendency to keep the cross-plates *g* in contact with the upper surface of the block, or the negative, C, upon it. The paper, D, is laid upon the padded surface of the block A, the negative, C, placed upon the paper, and the cross-plates *g* of the clamps placed over the negative, the clamps holding all together. The clamps may be readily adjusted, so that their plates *g* may rest on any part of the negative, by placing the thumb of the right hand in the curve at the centre of the cross-bar, and the fingers under the bottom of the loop *f*, and pressing the thumb and fingers towards each other, thereby compressing the spring *e* and raising the plate *g*, or increasing the width of the space between said plate and the cross-bar. The plates *g* cast no shade, in whatever position they may be placed.

We claim as new, and desire to secure by Letters Patent—

The block A, in combination with the two clamps, B B, all constructed and arranged substantially in the manner as and for the purpose herein set forth.

Witnesses:

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SAMUEL F. CONANT,
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