(No Model.)

C. C. SHEPHERD.

CLAMP FOR FRAMES.

No. 307,595. Patented Nov. 4, 1884.

Fig. 3.

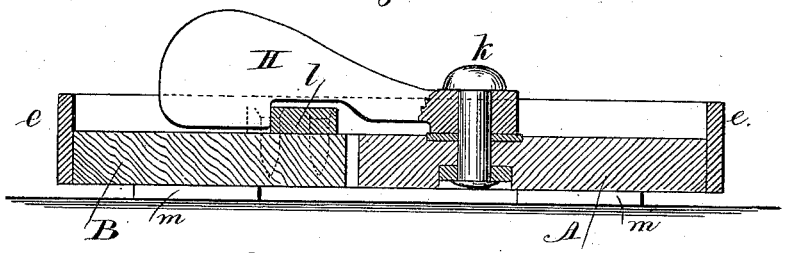


Fig. 2.

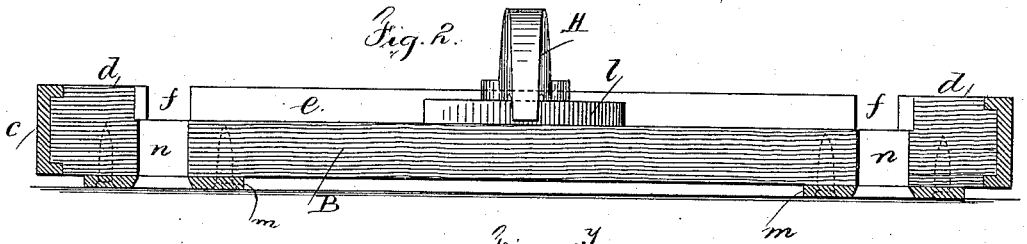
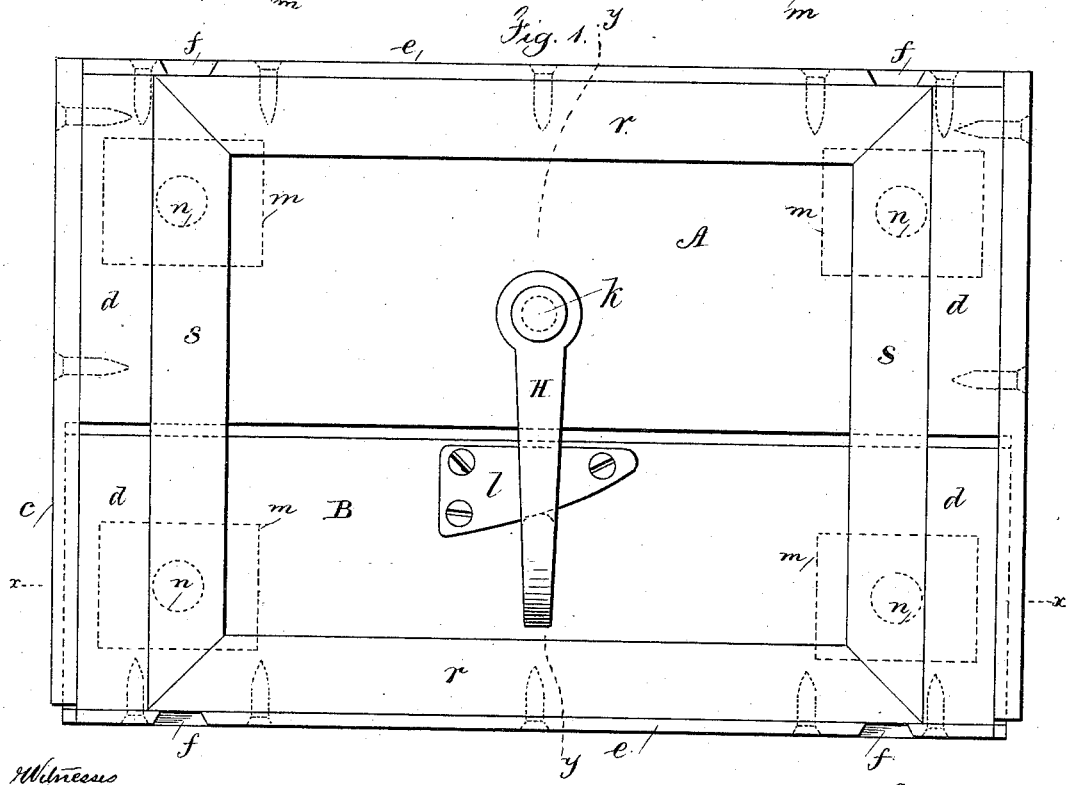


Fig. 1.



Witnesses

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UNITED STATES PATENT OFFICE.

CHARLES C. SHEPHERD, OF PASSAIC, NEW JERSEY.

CLAMP FOR FRAMES.

SPECIFICATION forming part of Letters Patent No. 307,595, dated November 4, 1884.

Application filed April 14, 1884. (No model.)

To all whom it may concern:

Be it known that I, CHARLES C. SHEPHERD, of Passaic, in the county of Passaic and State of New Jersey, have invented an Improvement in Holders for Picture and other Frames, of which the following is a specification.

Holders have been made for frames by which to clamp the pieces together while being nailed at the angles; but such holders are expensive to make and difficult to handle.

My invention is for simplifying the construction of the holder and for facilitating the removal of the frame after being nailed at the angles.

This holder is specially intended for frames such as are used for transparent drawing-slates.

In the drawings, Figure 1 is a plan view. Fig. 2 is a section at the line *x x*. Fig. 3 is a cross-section at the line *y y*.

The holder is made of two principal parts, A and B, that are united by the grooved end pieces, *c*, that are firmly attached to the section A, and in which grooved end pieces the section B may slide; or tenons and mortises or dowels may be used, so that the two parts are held in their proper position in relation to each other; but they can be drawn apart for the reception of the pieces of the frame, or drawn together for clamping such frame. The end portions of sections A B are of increased thickness, so as to make the offsets or shoulders *d*, and there are edge plates *e*, that are notched at *f* upon line with the shoulders *d*. The lever or levers H are pivoted at *k* upon the section A, and notched upon their under edges to pass over the cam-shaped projection or projections *l* upon the section B, and draw such sections toward each other when the lever or levers are turned. There are holes through the sections A B at *n n*, and these are protected by the plates *m*, that are fastened to the under surfaces of such sections. The pieces *r r s s* are mitered at the corners, and are packed into the holder, as represented in Fig. 1, and they are drawn together tightly at the angles by swinging the lever or levers around to include and press upon the cam-shaped projection and draw the sections A B toward each other. Nails or brads are now applied and driven into the frames at the angles, the openings at *f* in the edge plates *e e* allowing this to be done. The lever or levers H are turned back to allow the sections A and B to be separated; but the frame still is held between the shoulders *d*, and to remove such frame I make use of four pushers in the form of studs projecting from the bench or table, upon which the holder-sections A B are placed, such studs passing through the holes *n* and supporting the frame as the holder is pressed down off such frame. The holder is then ready to be refilled with frame-pieces.

I claim as my invention—

1. The holder for frames, composed of the sections A B, with shoulders *d* and edge plates *e*, having openings at *f*, and the lever and cam projections for drawing the sections toward each other and clamping the frame, substantially as set forth.

2. The combinations, with the sections A B, having shoulders *d*, of the tenons and mortises to guide such sections, the edge plates, the lever for drawing the sections toward each other, there being openings at *n* for pegs or studs that are used to separate the holder from the frame, substantially as set forth.

Signed by me this 4th day of April, A. D. 1884.

CHAS. C. SHEPHERD.

Witnesses:

GEO. T. PINCKNEY,

WILLIAM G. MOTT.