

H. D. POPE.

Device for Hanging Pictures, Mirrors, &c.

No. 167,786.

Patented Sept. 14, 1875.

Fig. 1.

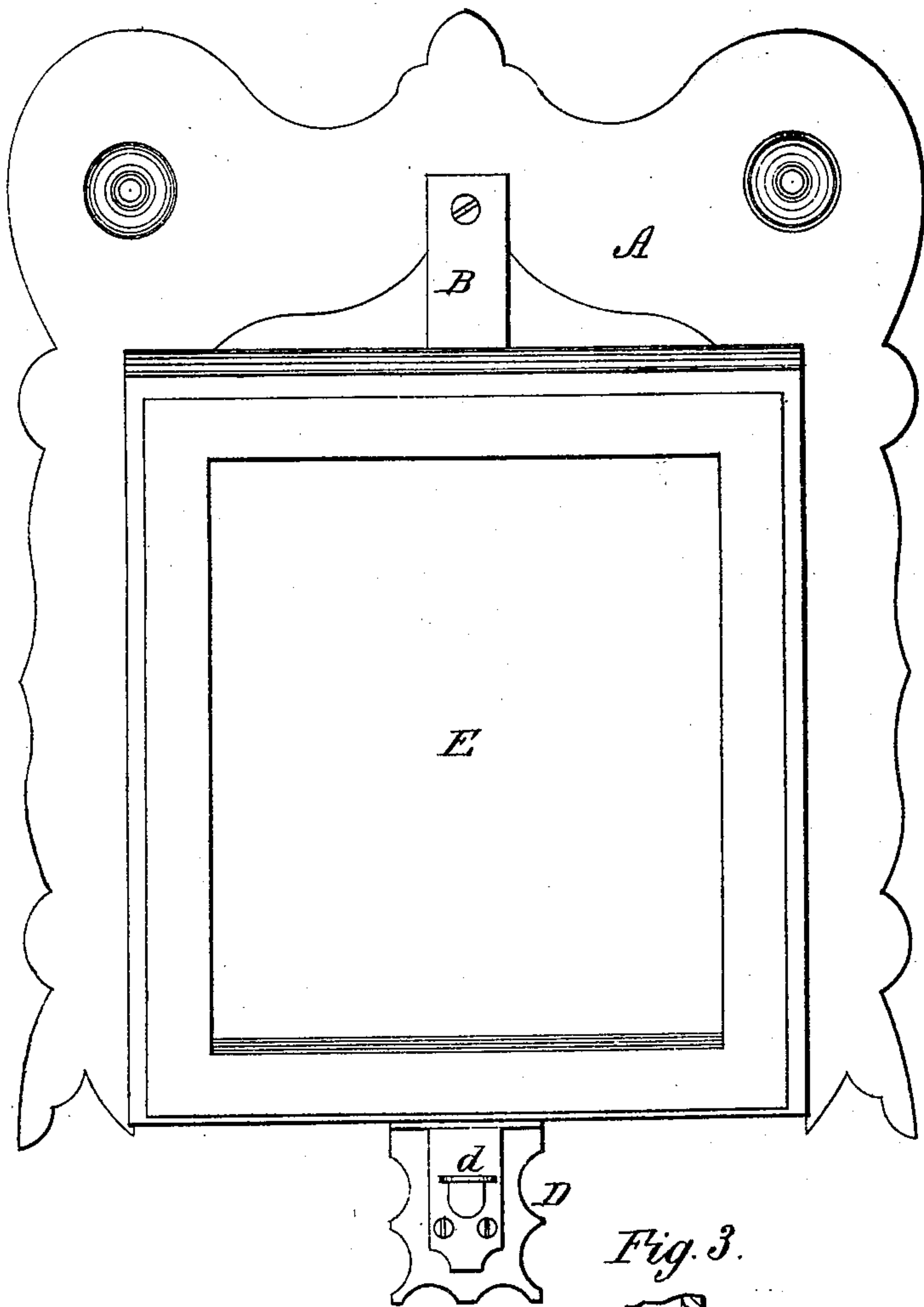


Fig. 2.

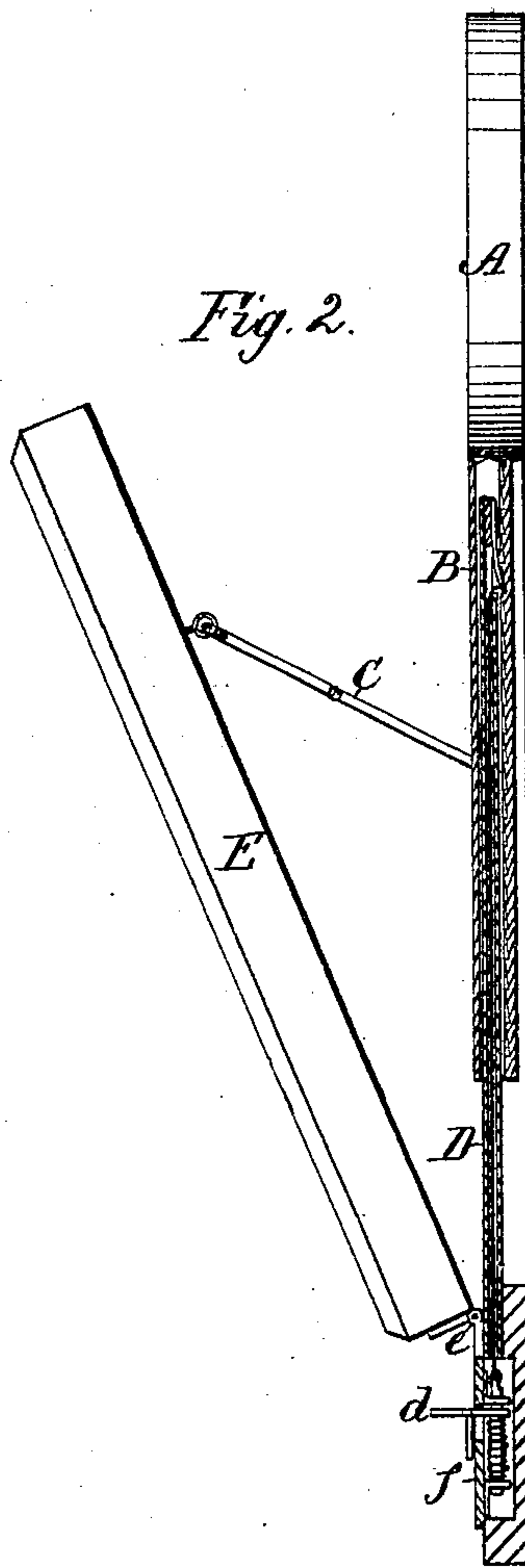
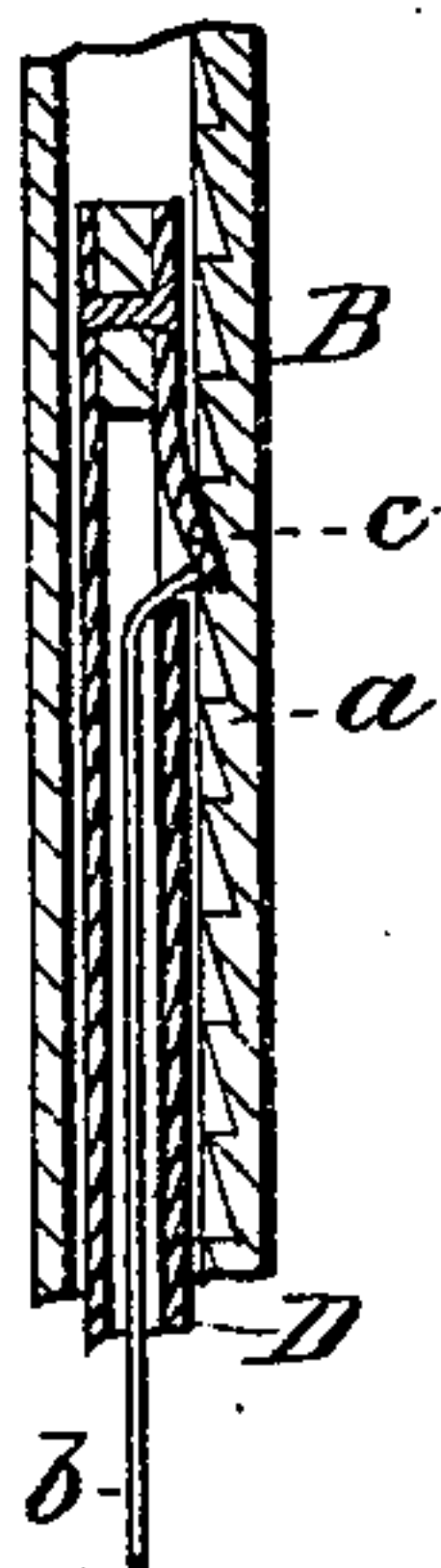


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE

HARVEY D. POPE, OF DAYTON, OHIO.

IMPROVEMENT IN DEVICES FOR HANGING PICTURES, MIRRORS, &c.

Specification forming part of Letters Patent No. **167,786**, dated September 14, 1875; application filed August 28, 1875.

To all whom it may concern:

Be it known that I, HARVEY D. POPE, of Dayton, in the county of Montgomery and State of Ohio, have invented a new and Improved Device for Hanging Pictures, Mirrors, &c.; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, forming a part of this specification, in which—

Figure 1 is a front elevation; Fig. 2, a side elevation, with parts broken away and the case and sliding bar in section; Fig. 3, a sectional detail of the sliding bar and its case.

The object of this invention is to provide a device for adjustably hanging pictures, mirrors, &c., so as to vary them in their inclinations to the wall according to the heights at which they are hung, and the different quarters from whence the light proceeds. It consists of a frame to be attached to the wall, and to which the picture or mirror is fastened upon both sides by links, which are long enough to give the desired adjustment.

The lower part of the picture is hinged to a hollow bar, which slides inside a hollow pendent bar or case attached at the top to the frame, and provided upon one of its inner sides with ratchet-teeth or notches. Inside the inner bar is a rod or wire attached to a spring-pawl at the top, and a thumb-latch below, by pressing upon which latter the pawl is disengaged from the ratchet-teeth, and the picture raised or lowered, the links serving to control the different inclinations to the wall.

In the drawing, A represents the frame, which may be made of wood or other material capable of suitable ornamentation. The said frame is adapted to be fastened to the wall, and has attached to it the pendent hollow case or bar B, upon one of the inner sides of which are formed the ratchet-teeth *a*. C are links consisting of metallic rods which are loosely attached to the upper part of the picture at one end, and to

the frame A at the other. D is a hollow bar sliding inside the case B, and containing a wire or rod, *b*, the upper end of which is attached to a spring-pawl, *c*, which engages with the ratchet-teeth of the case B to hold the picture in different positions, and the lower end of which is fastened to a thumb-latch, *d*, which is held up by spring *f*. E represents the picture or mirror, hinged at *e* to the bar D, and adapted, by means of the above-described devices, to any adjustment desired.

When the picture or mirror is to be elevated it is necessary, to preserve the proper inclination to the eye, that the angle of inclination to the wall should be greater; and, when the picture is adjusted to a lower position, the said angle should be less. Both these requirements are met in my arrangement, the links projecting the top part of the picture outwardly from the wall, when the lower part of the same is raised by pressing on the thumb-latch and raising the bar D; and when the frame is lowered the links help to support the picture, and draw the top part of the same inwardly. This description of the adjustability is correct only when the links are at or below a horizontal line, or for the lower half of the adjustment.

When the links are above a horizontal line, the reverse is true—that is to say, when the picture or mirror is elevated the angle made with the wall decreases, the greatest inclination being at the central part of the movement.

I am aware of the fact that it is not new to hang a mirror upon a hook attached to a vertically-adjustable slide; but this does not give sufficient range and nicety of adjustment, and I therefore limit my invention to my construction, in which the links are attached to a stationary support, and the lower part of the picture is hinged to the vertically-adjustable bar.

Having thus described my invention, what I claim as new is—

1. The combination, with a picture-frame or mirror, of the links C and a sliding bar,

D, to which the lower part of the frame or mirror is hinged, as and for the purpose described.

2. The combination of the hollow case B, having teeth or notches *a*, with the sliding bar D, having a rod, *b*, pawl *c*, and latch *d*, as and for the purpose described.

3. The combination, with the picture-

frame, of the links C, sliding bar D to which the picture-frame is hinged, the rod *b*, pawl *c*, latch *d*, and case B, having teeth *a*, for the purpose described.

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Witnesses:

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