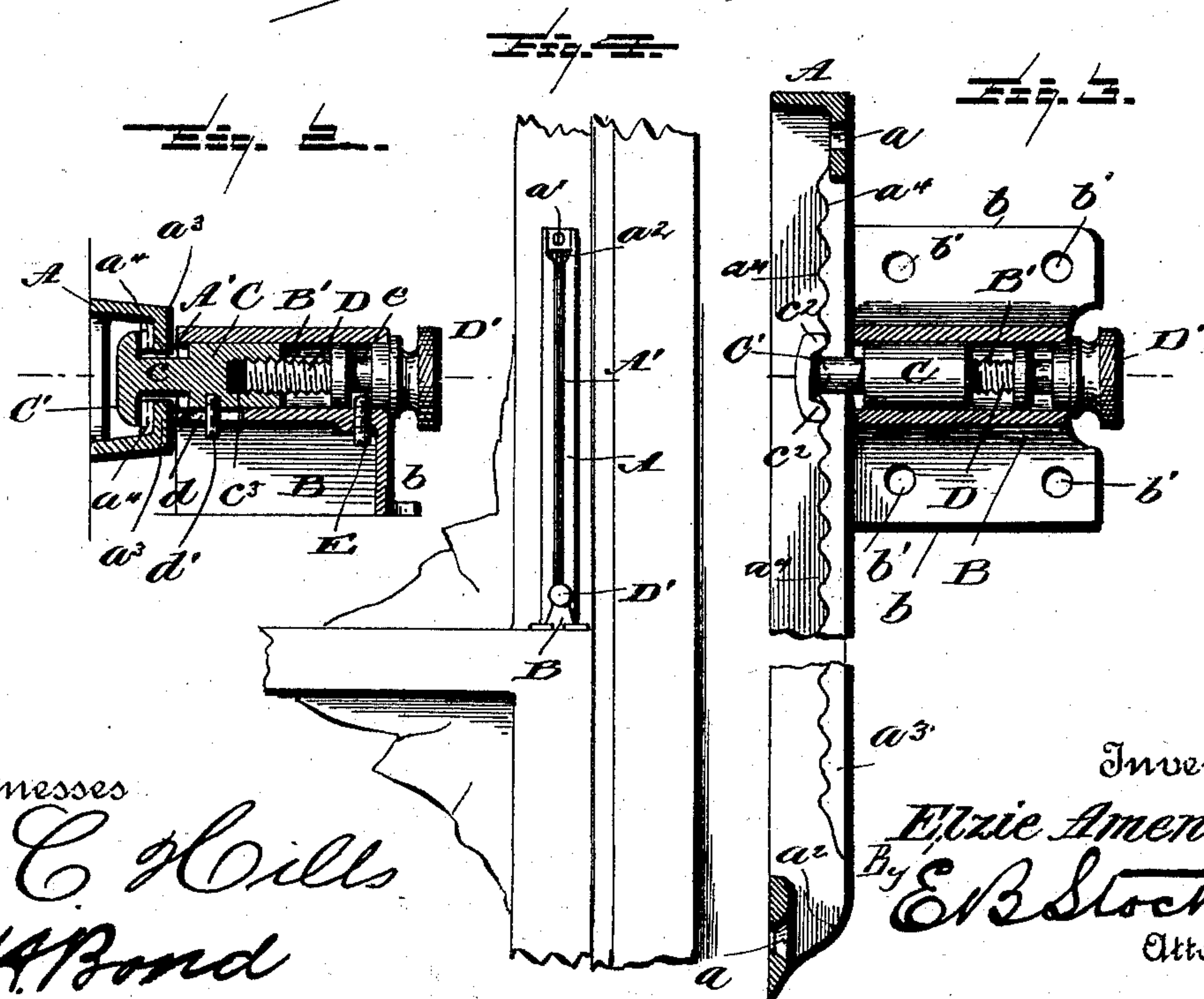
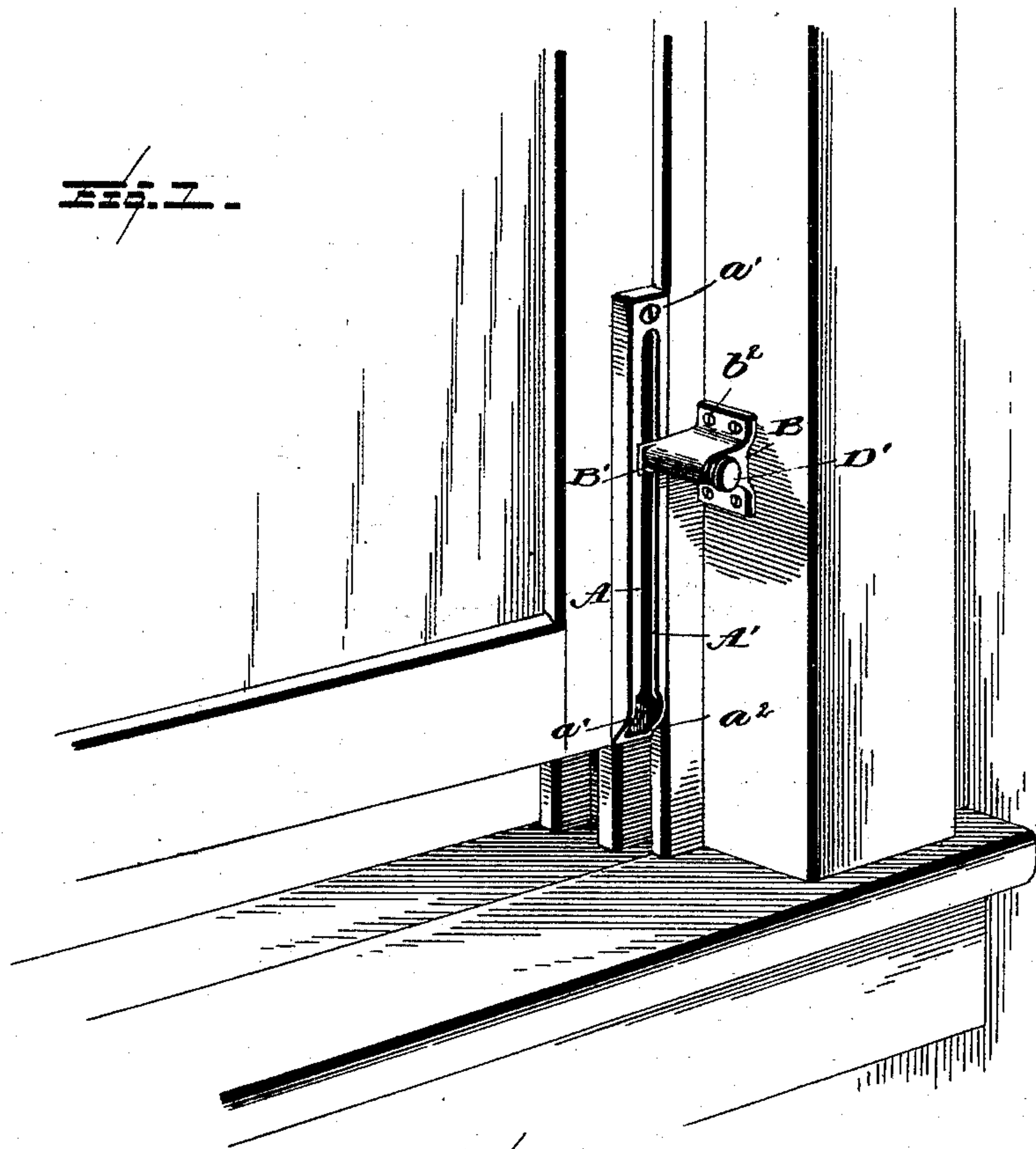


(No Model.)

E. AMENT.
SASH FASTENER.

No. 505,341.

Patented Sept. 19, 1893.



Witnesses
L. C. Hills
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UNITED STATES PATENT OFFICE.

ELZIE AMENT, OF ROGERS PARK, ASSIGNOR OF ONE-HALF TO CHARLES W. ROSS, OF AURORA, ILLINOIS.

SASH-FASTENER.

SPECIFICATION forming part of Letters Patent No. 505,341, dated September 19, 1893.

Application filed April 15, 1893. Serial No. 470,412. (No model.)

To all whom it may concern:

Be it known that I, ELZIE AMENT, a citizen of the United States, residing at Rogers Park, in the county of Cook, State of Illinois, have
5 invented certain new and useful Improvements in Sash-Fasteners, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to certain new and
10 useful improvements in sash fasteners or locks of that class comprising a bolt with means for moving it in the direction of its length, and a guide or keeper acting in conjunction with said bolt to lock the sash.

15 It has for its objects among others to provide a simple and cheaply constructed sash fastener and lock that can be readily applied to a window and which will serve to draw the two sashes together and lock them and which
20 will also hold the sash partly open if desired.

Other objects and advantages of the invention will hereinafter appear and the novel features thereof will be specifically defined by the appended claims.

25 The invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this specification, and in which—

Figure 1 is a perspective view showing my
30 improved sash fastener in one of its various positions. Fig. 2 is a longitudinal section through the device. Fig. 3 is a section at right angles to Fig. 2. Fig. 4 is a front elevation of a portion of a window showing another application of the invention.
35

Like letters of reference indicate like parts throughout the several views.

My invention is applicable to various uses; it may be arranged upon the top of the lower
40 sash with the guide upon the face of the upper sash; in this position it serves to lock the two sashes together and the lower sash can be locked part way up or the upper sash locked part way down, or both locked open a
45 little distance; or instead of being thus arranged, the guide may be on the lower sash near the lower end and the bolt and its operating mechanism secured to the side of the frame. The guide is open at one end so as
50 to permit of the sash being opened as far as desired. If the guide is arranged near the lower end of the sash the open end should be

downward, but if the guide is arranged near the upper end of the sash the open end should be uppermost; when the lock is on the top of
55 the lower sash and the guide on the upper sash the open end should be uppermost. I have shown two of the different ways of applying the device.

Referring now to the details of the draw-
60 ings by letter, A designates a channeled guide of any desired length, provided with the holes a for the reception of the screws or other means a' by which it is secured in place. It is formed with the longitudinal slot A' open
65 at one end as seen at a^2 and that end preferably beveled or tapered as seen in Figs. 1, 3 and 4 to facilitate the entrance of the head of the bolt into the slot as will hereinafter appear. The flanges a^3 upon opposite sides of
70 the slot A' are provided upon their inner faces with the notches or corrugations a^4 as seen best in Fig. 3.

B is a casting or base provided with a flange
75 b having holes b' for the reception of the screws or other means b^2 which fasten it in place. This casing or base is provided with a longitudinal chamber or bore B' in which is arranged to slide the bolt C having a neck
80 c and beyond the neck a head C' which is oppositely notched or toothed as seen at c^2 in Fig. 3, the opposite end of the bolt being chambered as seen at c^3 in Fig. 2 and this chamber screw threaded to receive the threaded
85 portion of the screw D which has a milled head or thumb piece D' outside the case as shown in Figs. 2 and 3.

The bottom wall of the chamber of the case B is provided with a longitudinal slot d in
90 which works a pin or screw d' held in the bolt and which serves to guide the bolt, to prevent its turning in the bore and to limit its movement.

In order to prevent the entire withdrawal of the screw I provide the same within the
95 chamber or bore with an annular groove e into which projects a screw E held in the bottom wall of the said chamber as seen in Fig. 2 which permits of the necessary movements of the screw and yet will not permit its entire
100 removal until the screw is removed from between the walls of the groove.

I preferably employ a left hand thread on the screw so that by turning to the right will

tighten the clamp and to the left unlock or loosen the same; I also employ a coarse pitch so that one revolution or less of the screw will be sufficient to lock or unlock the same.

5 The operation will be readily understood from the foregoing description when taken in connection with the annexed drawings, and a further detailed description thereof is not deemed necessary.

10 Modifications in detail may be resorted to without departing from the spirit of the invention or sacrificing any of its advantages.

What I claim as new is—

1. The combination with a guide with a slot
15 open at one end and having notched flanges, of a base with a sliding bolt with a head, and a screw mounted for rotation and held against longitudinal movement and engaging said bolt to actuate the same and having a head
20 whereby it may be turned, as set forth.

2. The combination with a base with securing flanges and a longitudinal bore, of a bolt arranged to slide in said bore and provided with a head and a neck, and at the other end

a screw threaded socket, and a screw engaging the threads of said socket and having a portion extended outside the bore for its manipulation and means for preventing longitudinal movement of the screw, substantially as specified. 25 30

3. The combination with a guide with a slot open at one end and flanges notched upon their inner faces, of a base with a longitudinal bore and securing flanges, a bolt sliding within said bore and having a neck and a head toothed upon its opposite edges a pin in said bolt working through a slot on the base, and a screw engaging one end of said bolt to actuate the same and means permitting rotation but preventing longitudinal movement of said screw, substantially as shown and described. 35 40

In testimony whereof I affix my signature in presence of two witnesses.

ELZIE AMENT.

Witnesses:

J. A. HAMANN,
EDITH HAMANN.