

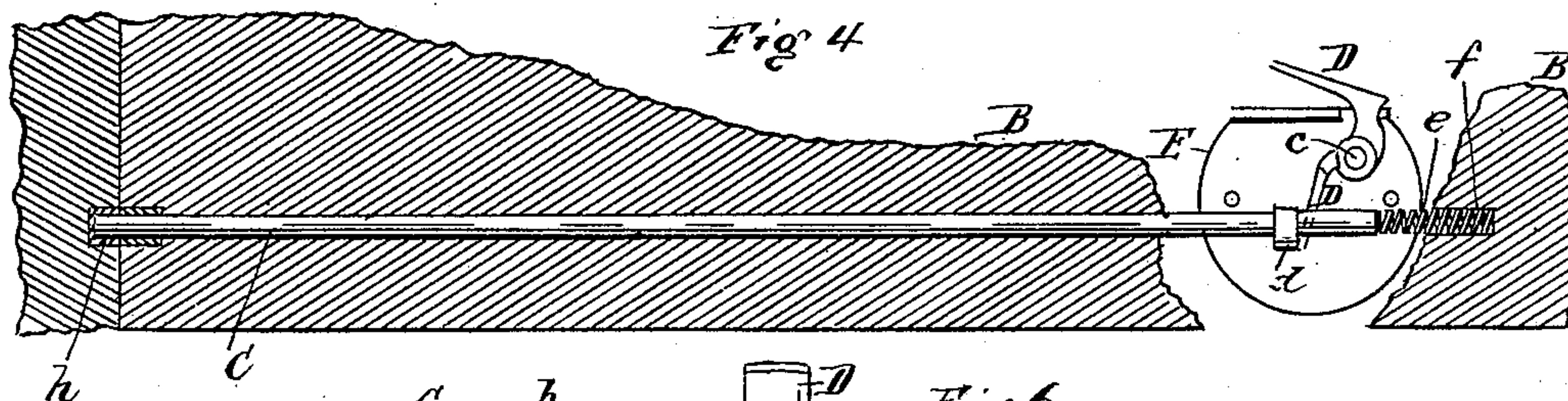
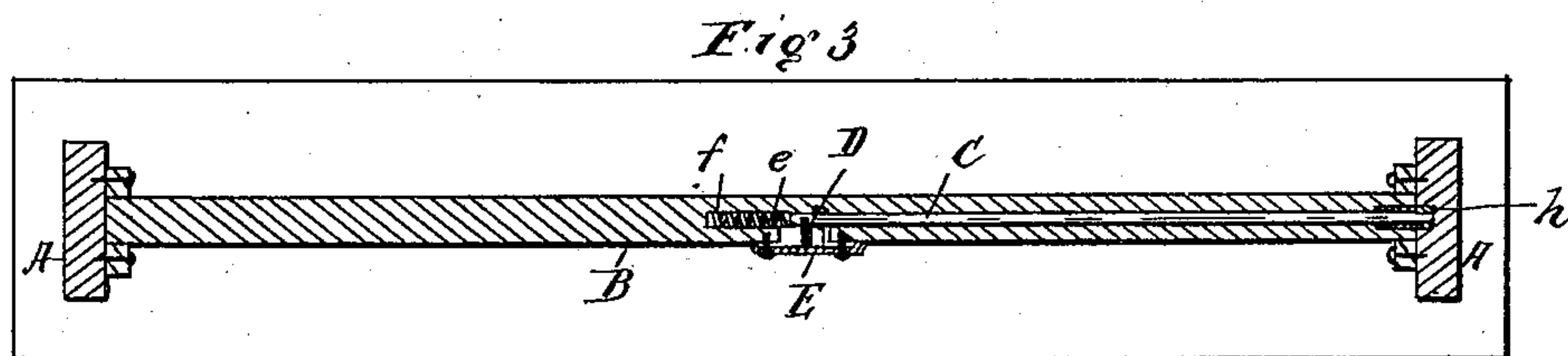
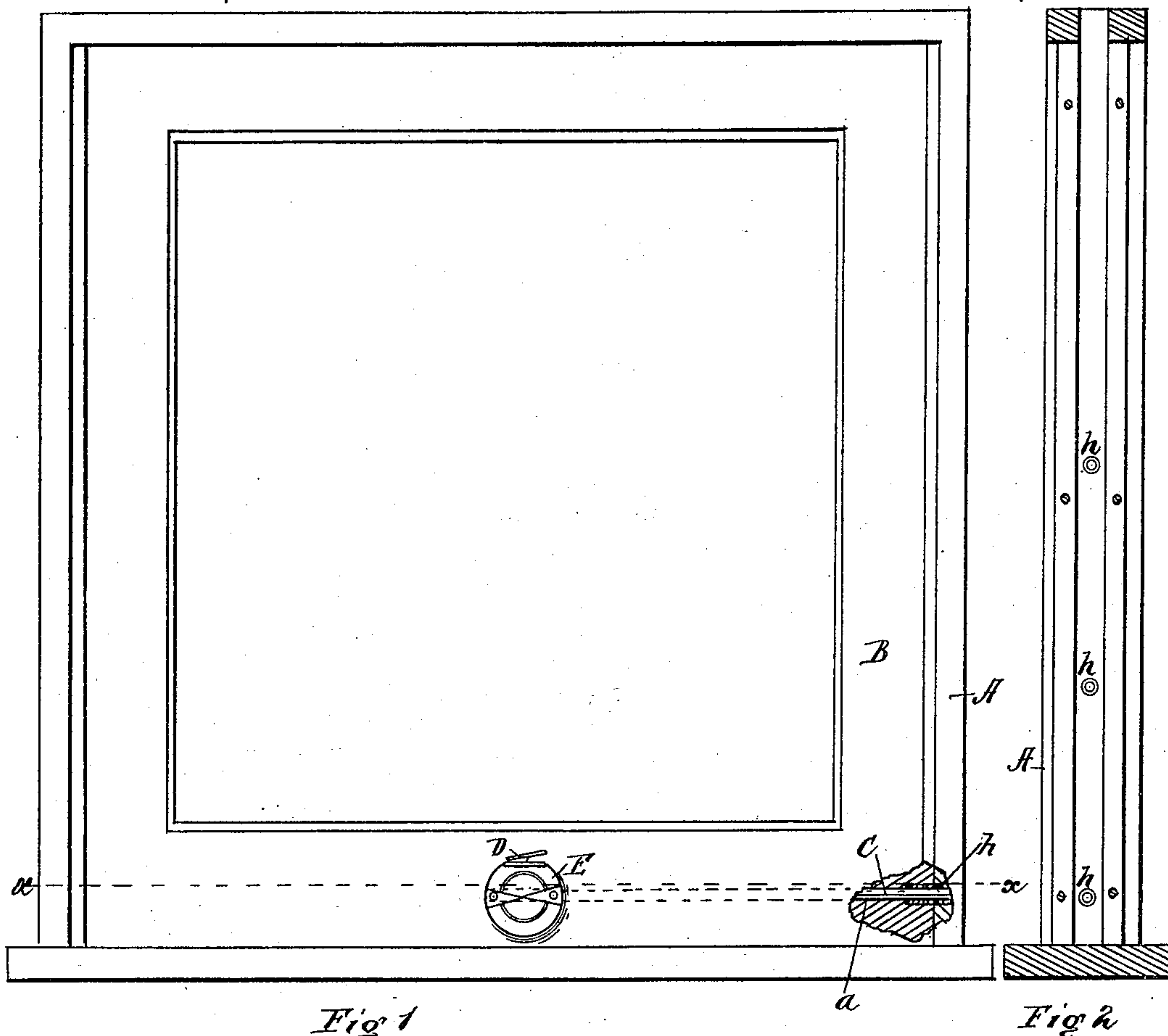
(No Model.)

W. ROBINSON.

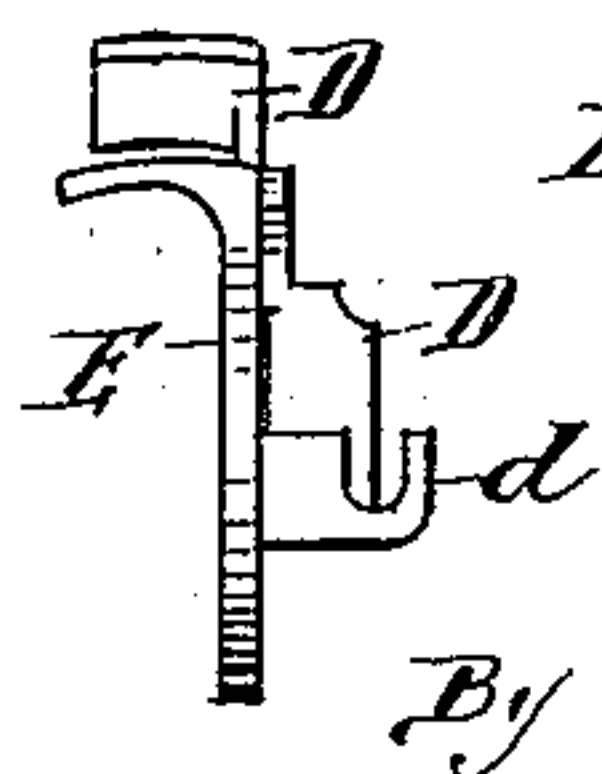
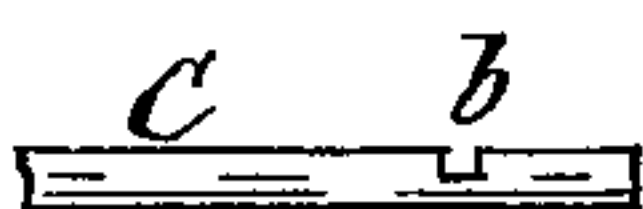
SASH FASTENER.

No. 321,055.

Patented June 30, 1885.



Witnesses
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UNITED STATES PATENT OFFICE.

WILLIAM ROBINSON, OF CHICAGO, ILLINOIS.

SASH-FASTENER.

SPECIFICATION forming part of Letters Patent No. 321,055, dated June 30, 1885.

Application filed June 19, 1884. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM ROBINSON, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Window-Catches, which is fully set forth in the following specification, reference being had to the accompanying drawings, in which—

Figure 1 is a front elevation of a window frame and sash containing my improvement. Fig. 2 is a sectional view of stile containing sockets. Fig. 3 is a detail plan section taken on line X X, Fig. 1. Fig. 4 is a detail elevation, on an enlarged scale, of the window-catch reversed from Fig. 1. Figs. 5 and 6 are detail elevations of part of the rod pin and lever.

My invention relates to certain devices for retaining a window-sash at a desired position in respect to the frame of the window, and as shown in the drawings the catch is applied to a car-window.

In the drawings, A indicates the window-frame, of ordinary construction, in which the sash B is adapted to slide between suitable guides. In a bore or way, *a*, in the sash is arranged a rod pin or bolt, C, having near the inner end thereof a notch, *b*, formed in its side to receive the shank of the operating-lever D. This lever D is pivoted at *c* to the rear face of a disk, E, secured to the sash near its lower edge, the said disk being provided with an outwardly-projecting top plate, E', at its upper edge, over which projects the thumb-plate D' of the lever D, as shown in Figs. 4 and 6. On the rear face of the disk E is a projection, *d*, having a groove to receive the bolt C, to guide the same and hold it in position. A suitable spring, *e*, is arranged in a recess, *f*, so as to bear against the inner end of the bolt C. In the inner face of the sash A are formed apertures *h* at suitable distances, the said apertures being adapted to receive the end of the bolt.

The operation of my device is as follows:

The bolt C, upon coming opposite one of the apertures *h*, will be thrust into the same by the action of the spring *e*, and will retain the sash in position until withdrawn. To release the bolt the forefinger is placed underneath the top plate, E', of the disk E, while the thumb is pressed down upon the thumb-plate D' of the lever D, to press the same down upon the top plate and thereby retract the bolt, when the window can be raised or lowered. It will be seen that by the mere operation of grasping the two plates D' and E' the bolt is withdrawn, so as to permit the window to be moved, and at the same time a good hold is obtained for moving the window.

I am aware that various devices have been employed to retract a spring-actuated locking-bolt for window-sashes. I am also aware of Patents No. 48,856, granted to A. Westcott, July 18, 1865, No. 166,842, granted to B. A. Berryman, August 17, 1875, No. 278,323, granted to C. W. Elliott, May 29, 1883, and No. 297,228, granted to F. M. Case, April 22, 1884, and I do not wish to be understood as claiming anything set forth in said patents.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a sash-fastener, the combination, with bolt C, having notch *b*, of disk E, having top plate, E', and lever D, pivoted to disk E, and having a shank engaging notch *b*, and a thumb-plate, D', projecting over top plate, E', substantially as and for the purposes specified.

2. In a sash-fastener, the combination, with the spring-actuated bolt C, of disk E, having grooved projection *d*, to support the said bolt, and lever D, having a shank engaging a notch in the bolt, and a projecting thumb-plate, D', for operating the same, substantially as and for the purposes specified.

WILLIAM ROBINSON.

Witnesses:

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