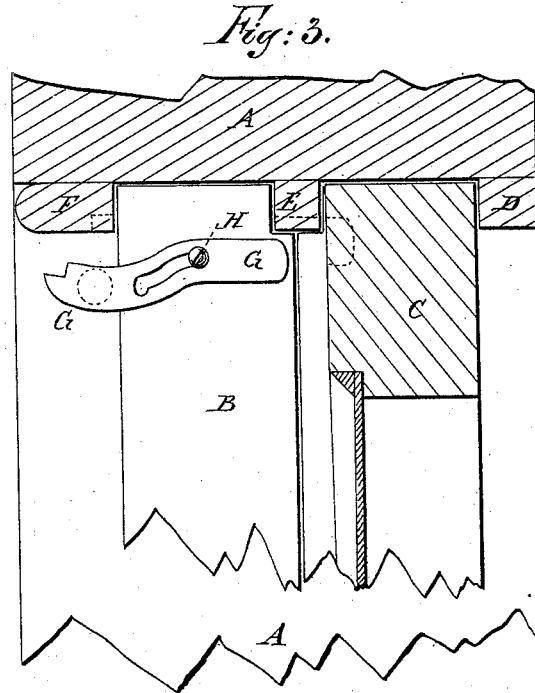
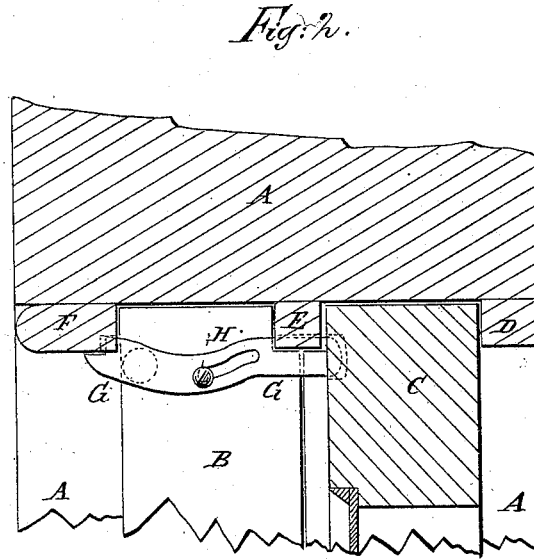
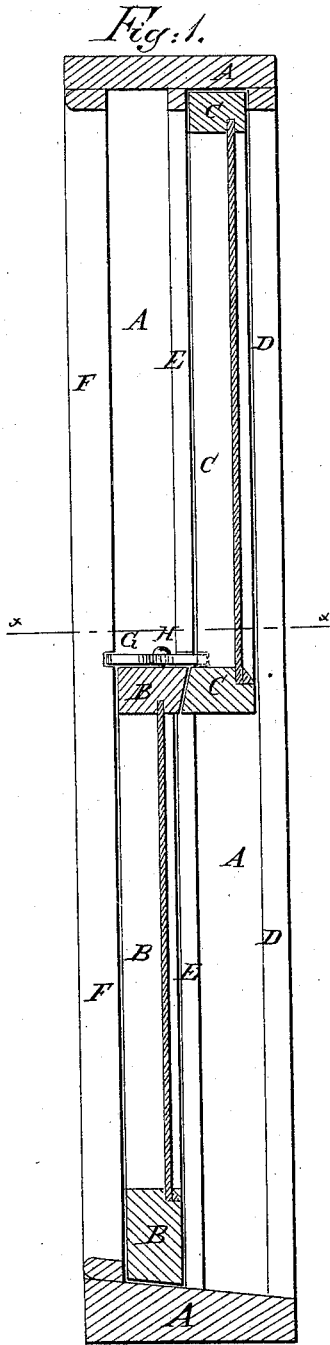


L. P. TREADWELL.
Sash-Fastener.

No. 212,765.

Patented Feb. 25, 1879.



WITNESSES:

Chas. Nida.
C. S. Swartz

INVENTOR:

L. P. Treadwell
BY *[Signature]*
ATTORNEYS.

UNITED STATES PATENT OFFICE

LEVI P. TREADWELL, OF DANBURY, CONNECTICUT.

IMPROVEMENT IN SASH-FASTENERS.

Specification forming part of Letters Patent No. 212,765, dated February 25, 1879; application filed January 3, 1879.

To all whom it may concern:

Be it known that I, LEVI P. TREADWELL, of Danbury, in the county of Fairfield and State of Connecticut, have invented a new and useful Improvement in Window-Sash Fasteners, of which the following is a specification:

Figure 1 is a vertical section of a window sash and frame to which my improvement has been applied. Fig. 2 is a cross-section of the same, taken through the line *x x*, Fig. 1, showing the sash-fastener. Fig. 3 is the same section as Fig. 2, but showing the sash unfastened.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish a simple and convenient fastener which shall be simple in construction, easily applied, and convenient and reliable in use, and which may be used for fastening the sash wholly or partly closed, as may be required.

The invention consists in the combination of the slotted sliding bolt with the lower sash, to which it is secured by the screw or pin, the upper sash being provided with recesses or sockets in its side rail and the notched beads, as hereinafter fully described.

A represents the frame, B the lower sash, and C the upper sash, of a window. D represents the outer bead; E, the parting-bead, and F, the inner bead, attached to the frame A, for securing the sashes B C in place.

Upon the top or meeting rail of the lower sash, B, near one end, is placed a bolt, G, in which is formed an inclined or curved longitudinal slot to receive the screw or pin H, that secures the said bolt to the said sash.

At the outer side of the outer end of the slot in the bolt G is formed a notch, as shown in Fig. 3.

In the side of the side rail of the upper sash, C, are formed a number of recesses or

sockets to receive the end of the bolt G, and in the side of the parting-bead E are formed a number of notches to receive the edge of the bolt G.

In the edge of the inner bead, F, are formed a number of notches to receive the notched end of the bolt G. With this construction, when the bolt G is pushed forward to fasten the sashes, the inclination of its slot causes it to move laterally toward the frame A, so that its edge may enter and slide through the notch in the parting-bead E, and its forward end may enter the socket in the side rail of the upper sash, C.

The notch at the rear end of the slot in the bolt G allows the rear end of the said bolt G to be then moved laterally toward the frame A, causing its notched edge to enter the notched edge of the inner bead, F, so that the bolt G may be fastened in place at the same time that it fastens the sashes B C.

To unfasten the bolt G, its rear end is first moved laterally to free it from the bead F, and the said bolt is then drawn back, freeing the sashes.

The bolt G should be made reversible, so that it may be applied to either side of the sash B, as may be desired. A knob may be attached to the rear end of the bolt G, for convenience in operating it.

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

The combination of the slotted sliding bolt G with the lower sash, B, to which it is secured by the screw or pin H, the upper sash, C, provided with recesses or sockets in its side rail, and the notched beads E F, substantially as herein shown and described.

LEVI PENFIELD TREADWELL.

Witnesses:

BENEZET A. HOUGH,
WILLIAM A. LEONARD.