

W. H. BRITTON.
SASH-FASTENER.

No. 174,658.

Patented March 14, 1876.

Fig.1.

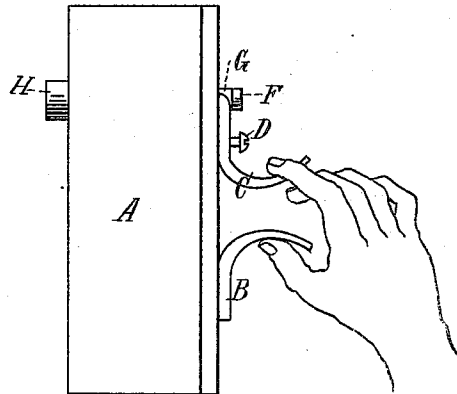
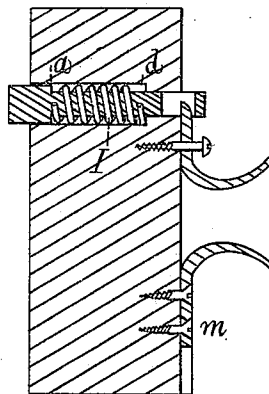


Fig.2.



Witnesses;
L. E. Renuick
H. E. Metcalf,

Inventor:
William H. Britton,
Per C. A. Shaw,
Atty.

UNITED STATES PATENT OFFICE.

WILLIAM H. BRITTON, OF MILFORD, MASSACHUSETTS.

IMPROVEMENT IN SASH-FASTENERS.

Specification forming part of Letters Patent No. 174,658, dated March 14, 1876; application filed February 21, 1876.

To all whom it may concern:

Be it known that I, WILLIAM H. BRITTON, of Milford, in the county of Worcester, State of Massachusetts, have invented a certain new and useful Improvement in Sash-Fasteners, of which the following is a description sufficiently full, clear, and exact to enable any person skilled in the art or science to which my invention appertains to make and use the same, reference being had to the accompanying drawing, forming a part of this specification, in which—

Figure 1 is a side elevation, showing the fastener in use; and Fig. 2, a vertical longitudinal section of the same.

Like letters of reference indicate corresponding parts in the different figures of the drawing.

My invention relates to that class of sash-fasteners which are designed to be inserted in the side rails of the sash; and consists in a novel combination, construction, and arrangement of the parts, as hereinafter more fully set forth and definitely claimed, by which a more effective device of this character is produced than is now in ordinary use.

The nature and operation of my invention will be readily obvious to all conversant with such matters from the following description:

In the drawing, A represents the sash; B, the stud; C, the lever; H, the bolt, and I the spring. The body of the bolt is reduced in size to form the shoulder *a*; and there is a rabbet or shoulder, *d*, in the mortise, into which

the bolt is inserted, against which one end of the spring I abuts. The small or outer end of the bolt is flattened to form the neck G, and provided with the head F, the inner end of the lever C being slotted or bifurcated (not shown) to receive the flattened part of the lever at G. The stud *m* is permanently fixed to the rail by means of the screws *m*; but the lever C is pivoted thereto by the screw D, the hole through which this screw passes in the lever being slightly larger than the body of the screw, to permit the necessary oscillating movements of the lever.

In the use of my improvement, it will be obvious that by pressing downwardly on the free end of the lever C it will act against the inner side of the head F to withdraw the bolt H, at the same time compressing the spring I; and that when the lever is released the spring will act expansively to force the bolt out, and thus fasten the sash, the object of the stud being to assist in manipulating the lever.

Having thus explained my invention, what I claim is—

In a sash-fastener, the combination of stud B, bifurcated lever C, screw D, spring I, and bolt H, provided with the shoulder *a*, flattened neck G, and head F, constructed and arranged to operate substantially as set forth and specified.

WILLIAM H. BRITTON. [L. S.]

Witnesses:

R. B. GREENE,
E. W. GRANT.