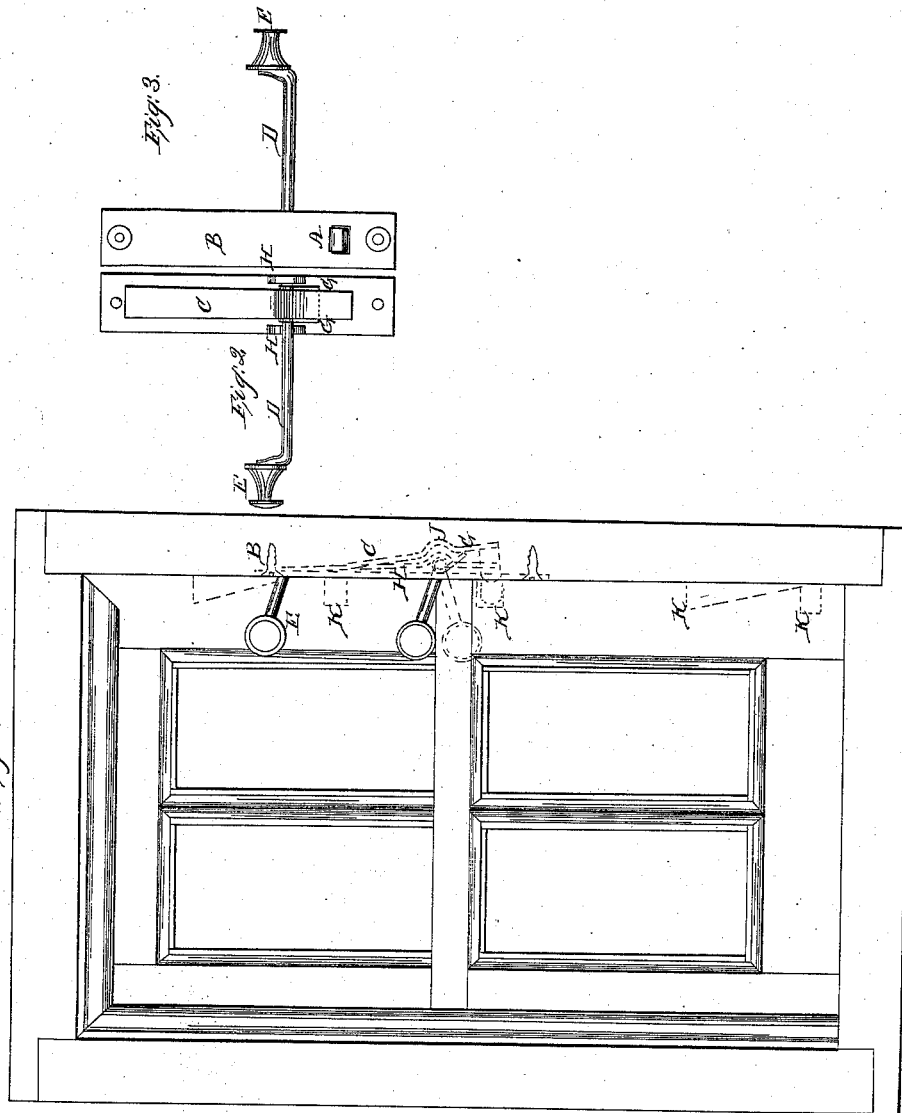


E. S. Bitner,
Sash Fastener.

N^o 54,843.

Patented May 22, 1866.



Witnesses:
Chas. Anderson
John M. Blair

Inventor:
E. S. Bitner
By his Attorney
J. Franklin Rigart

UNITED STATES PATENT OFFICE.

ELI S. BITNER, OF LOCK HAVEN, PENNSYLVANIA.

IMPROVEMENT IN SASH-FASTENINGS.

Specification forming part of Letters Patent No. 54,843, dated May 22, 1866.

To all whom it may concern:

Be it known that I, ELI S. BITNER, of Lock Haven, Clinton county, State of Pennsylvania, have invented an Improved Window Sash Lock; and I do hereby declare the following to be an exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

Figure 1 represents a window with the lock attached, the red lines showing the movement of the spring and bolt as operated by the lever. Fig. 2 represents the spring and lever, and Fig. 3 the face-plate in which the bolt operates and by which the bolt is strengthened.

The nature of my invention consists in the arrangement and construction of a strong bolt, A, which passes about one-fourth of an inch into the sash, and is made firm and strong by passing through a square aperture in the metal face-plate B, that is fastened to the window-frame. The bolt is attached to the lower end of a stiff spring, C. The spring is moved by a lever, D, that is placed in a convenient position in the window-frame. This lever D has a neat

plated button, E, on the outer end and a flange, G, at the other end, the end of the lever working in a journal-box, H, and the flange G operating as a key upon the spring, so that by moving the lever D a half-inch up or down the flange G is pressed against the spring until the spring catches the flange in the curve J of the spring, when the spring closes and the bolt A flies forward and catches in a notch, K, in the sash, and the window is securely held and locked, so that it cannot be raised from the outside, or, when raised, it will not fall down, but is held by the bolt at any required height.

What I claim as my invention, and desire to secure by Letters Patent, is—

The lever D, with flange C and knob E, constructed and connected with plate B, as shown, in combination with the spring C, having the spur A at its end, all arranged and operating as herein shown and described.

ELI S. BITNER.

Witnesses:

J. FRANKLIN REIGART,
JOHN S. HOLLINGSHEAD.