E. K. Breckenridge,

Sash Fastener.

No. 61,708. Patented Feb. 5, 1867.

Fig. 1.

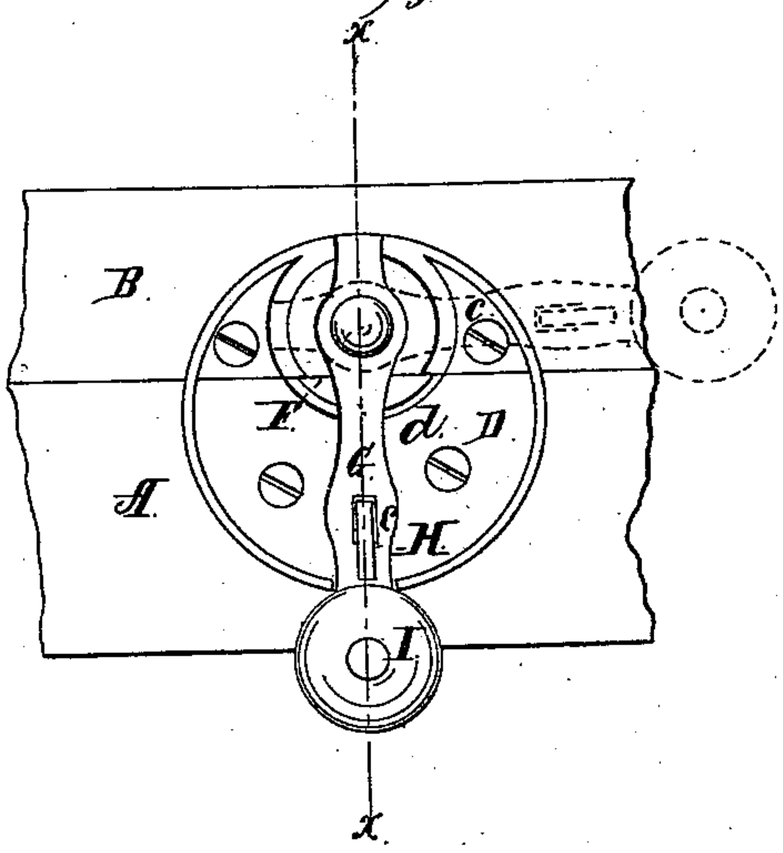


Fig. 2.

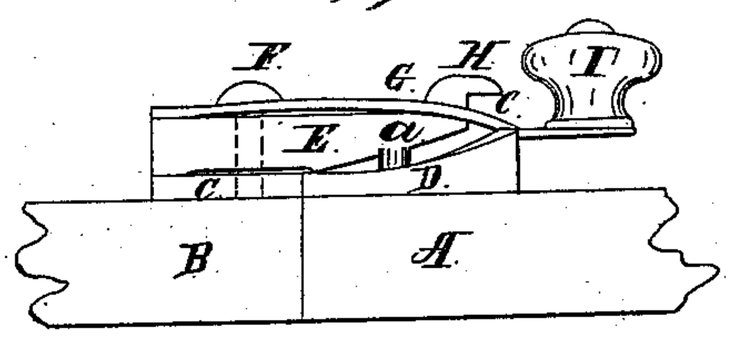


Fig. 3.

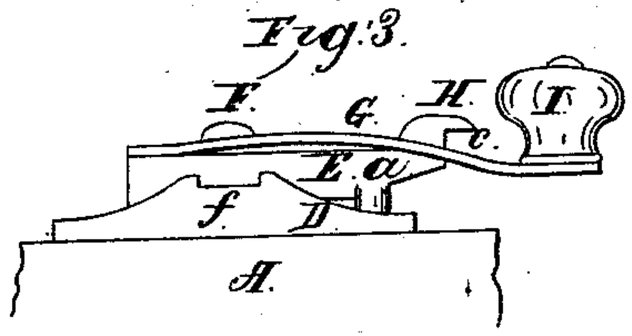
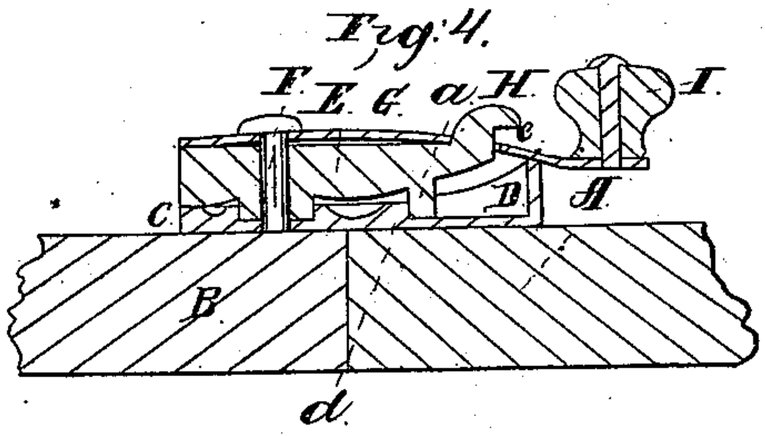


Fig. 4.



Witnesses:

John F. Shumway.

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By his atty.

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United States Patent Office.

E. K. BRECKENRIDGE, OF WEST MERIDEN, CONNECTICUT.

Letters Patent No. 61,708, *dated February* 5, 1867.

IMPROVED SASH LOCK.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, E. K. BRECKENRIDGE, of West Meriden, in the county of New Haven, and State of Connecticut, have invented a new improvement in Sash Lock; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a top view.

Figure 2, a side view.

Figure 3, a front view; and in

Figure 4, a section taken on line *x x*, fig. 1.

The object of this invention is to produce a lock for securing the two sashes of a window together, and so that the lock cannot be operated upon from the outside, and consists in the arrangement of a spring which serves at the same time both as the latch and as a spring to hold the lever firmly in its proper position; and to enable others skilled in the art to construct and use my improvement, I will proceed to describe the same as illustrated in the accompanying drawings.

A is the upper rail of the lower sash, and B the lower rail of the upper sash. C is the lock plate fixed to the upper sash, and D the keeper fixed to the lower sash. E the lever attached to the plate C by, and so as to turn upon, a pivot F. On the under side of the lever A is formed a projection, *a*, which when turned to the position, as denoted in figs. 1 and 4, bears against a ledge, *d*, on the keeper plate D, to hold the two sashes together. Over the said lever is placed a spring, G, formed from sheet metal, its rear end resting upon the rear end of the lever, as seen in fig. 4, and formed with a slot at *c*, so that the forward end of the lever, formed as at H, passes up through the said slot, and so that the spring rests upon a shoulder on the lever, as see fig. 3. The head of the pivot F rests upon and bears the spring on to the lever, yet leaving sufficient play for the operation of the lever, as denoted in the drawings. The projecting lip on the end H is formed to prevent the spring from being raised too high. The outer end of the spring G is provided with a knob, I, or other convenient device, by which to operate the lock. Thus arranged it will be evident that the spring G, thus borne upon the lever E, holds the said lever firmly in its position, and yet permits its easy turning. To make the lock thus constructed more secure and so that it cannot be operated upon by burglars from the outside, I form the front edge of the keeper with a notch, *f*, (see fig. 3,) and upon one or both sides an inclined plane, so that as the lever and spring are turned, as from the position in red, fig. 1, to that denoted in black, or as from that in fig. 3 to that denoted in figs. 2 and 4, the spring G will ride upon the incline and fall into the notch *f*, from whence it cannot be turned until the spring is raised therefrom, and therefore cannot be operated upon from the outside. If preferred the spring G may be formed as seen in fig. 5, and slotted as seen in fig. 6, so as to push back, as denoted in red fig. 5, to be released from the keeper instead of being raised as described.

I do not wish to be understood as broadly claiming a sash fastener constructed so as to be locked by a notch in the keeper, as such constructions are common and well known, but in every case the lock is formed by the lever itself falling into the notch; but having thus fully described my invention, what I claim as new and useful, and desire to secure by Letters Patent, is—

The combination of the plate C, the lever E, and the spring G, with the keeper D, when the said spring G is applied to and operates upon the said lever E, substantially as set forth.

E. K. BRECKENRIDGE.

Witnesses:

ALBERT FOSTER,

HIRAM FOSTER.