

C. Stoll,

Sack Lock.

No. 110,078.

Patented Dec. 13, 1870.

Fig. 1.

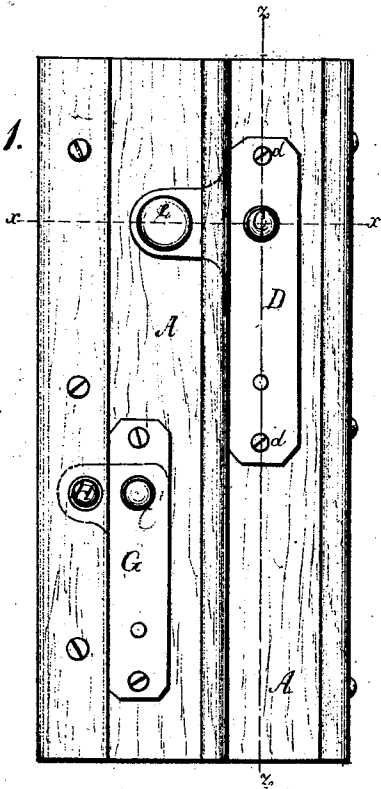


Fig. 2.

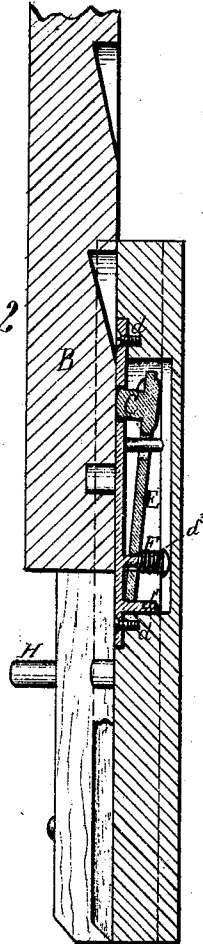
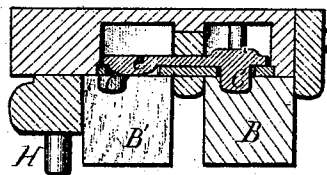


Fig. 3.



Witnesses:

Fred. A. A. A.
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Inventor:

Christian Stoll
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United States Patent Office.

CHRISTIAN SHOLL, OF MOUNT JOY, PENNSYLVANIA.

Letters Patent No. 110,078, dated December 13, 1870.

IMPROVEMENT IN SASH-LOCKS.

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, CHRISTIAN SHOLL, of Mount Joy, in the county of Lancaster and State of Pennsylvania, have invented a new and improved Sash-Lock and Holder; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon.

Drawing.

Figure 1 is a plan view of my improved sash-lock and holder, showing the same when mortised into the casing of the window;

Figure 2 is a longitudinal section, taken on the line *z z* of fig. 1, showing the operation, and the manner of securing the spring plate, it being thrown in by the sash; and

Figure 3 is a transverse section, taken on the line *x x* of fig. 1, all the parts being in their normal condition.

Similar letters of reference denote like parts in each of the figures.

This invention relates to an improved sash-lock and holder, and is designed as an improvement upon the one for which Letters Patent were granted to me on the 15th day of June, A. D. 1869; and

It consists in securing an inner plate of a sash-holder to an outer and flanged face-plate by means of a spiral spring acting over and secured upon a headed bolt secured to its outer face-plate, as will be hereinafter more fully described and set forth in the following specification.

A is the window-casing, within which my lock and holder are secured.

B represents the upper, and B' the lower sash, having apertures and slots at the side to register with the spring catches C C'.

D represents the upper plate, which is mortised into and secured to the casing A by screws *d d*.

Under the plate D is a plate, E, its lower end resting upon a square flange, *d'*, and its upper end having a catch, C, and thumb-button, *e*, by means of which button the catch C can be depressed when it is desired to raise or lower the sash B.

Two pieces, *d²* and *d³*, are riveted or cast upon the inner surface of the plate D.

A spring, F, is coiled around the pin *d³*, which is headed to prevent the spring from coming off, and the plate E.

The spring F will hold the plate E snugly against the plate D, unless thrown in by the sash, as shown in fig. 2.

G is the lower plate, adapted for the lower sash, and is precisely like the upper plate, and operates in combination with like parts, with this difference: that the inwardly-projecting ring surrounding the thumb-piece is omitted, and, instead of the thumb-button *e*, which necessarily must be made flat, or nearly so, in order to allow sash B' to pass over it, it has a projecting thumb-piece, H, which protrudes through the inner strip or bead of the window, in order that the catch may be depressed.

By my present application the following advantages are obtained over my former patent, viz:

First. The catch spring and supporting-flange being upon a line with the sash, the weight of the sash upon the catch is transmitted directly upon the supporting-flange, and the parts are less liable to get out of repair.

Second. The spring, being made fast upon the pin or bolt, keeps the spring plate in position.

Having thus described my invention,

What I claim, and desire to secure by Letters Patent of the United States, is—

The spring F, permanently secured upon the bolt *d³*, in combination with the plates E and D *d'* and projecting thumb-piece H, all the parts being arranged and constructed to operate together as shown and described, and for the purpose set forth.

In testimony whereof, I have signed my name to this specification in the presence of two subscribing witnesses.

CHRIST. SHOLL.

Witnesses:

JOSEPH R. EDSON,
REUBEN HURD.