

Sudd & Hubbard,

Window Button.

No. 106,830.

Patented Aug. 30. 1870.

Fig. 1.

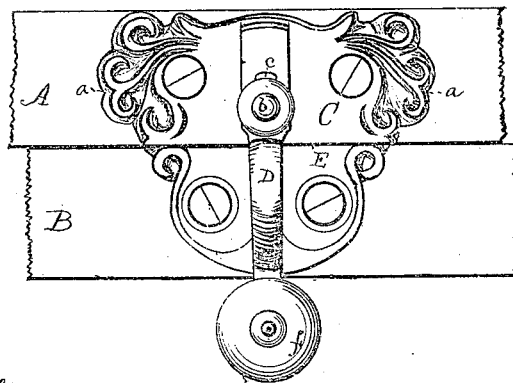


Fig. 2.

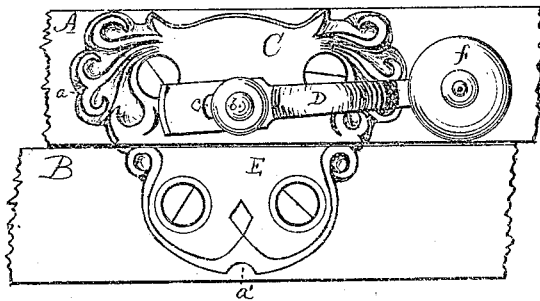
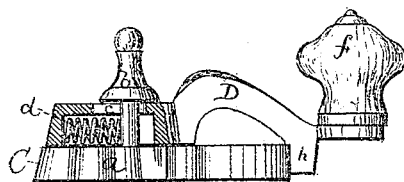


Fig. 3.



Witnesses.

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FREDERICK W. JUDD AND GEORGE M. HUBBARD, OF NEW HAVEN, CONNECTICUT.

Letters Patent No. 106,830, dated August 30, 1870.

IMPROVEMENT IN LOCKS FOR THE MEETING RAIL OF SASHES.

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

We, FREDERICK W. JUDD and GEORGE M. HUBBARD, of the city and county of New Haven and State of Connecticut, have invented certain new and useful Improvements in Sash-Locks, of which the following is a specification.

Our invention consists in the arrangement of a slotted spring lever, provided with a catch-pin upon the lower side of its handle end, and arranged with two plates having suitable notches in the edge of the same, as hereinafter more fully described.

In the accompanying drawing—

Figures 1 and 2 are top views of a sash-lock of our invention, and

Figure 3, a side elevation of the same, partly in section.

A designates a portion of the upper, and

B, the lower window-sash.

C designates a plate secured to the open sash, and provided with notches, *a a*, one at each end.

A lever, D, is pivoted to the plate C by means of pin *b* passing through a slot, *c*, in lever D, so that said lever has a longitudinal as well as a swinging movement.

The back end of the lever D is hollow, so as to receive a spring, *d*, which continually presses or holds the lever toward its rear end.

The lever D is also provided with a handle, *f*, for operating said lever, and, immediately below said handle, is a catch-pin, *h*.

E designates a plate, which is secured to the top of the lower sash and provided with a notch, *a'*.

To lock the sash the lever D is brought to the front, when the catch-pin *h* strikes the front edge of the plate E, and causes the lever to move endwise on the pin *b* until the catch-pin comes opposite the notch *a'*, when the spring *d* draws the catch-pin *h* into the notch *a'*, and, also, holds the upper and lower sash together, as well as locking the same in the usual manner, as shown in fig. 1.

It will be observed that the catch-pin *h*, resting in the notch *a'*, will prevent the lever from being turned to one side, and thus unlocked by means of any thin implement inserted between the sashes.

When it is desired to raise or lower either sash, the lever D is pulled forward, so as to disengage the catch-pin from the notch *a'*, and then swung, either to the right or left, until the catch-pin *h* is caught in one of the notches *a a* in the plate C, which will hold said lever out of the way of the sash, as shown in fig. 2.

We do not claim the lever D having both a swinging and longitudinal movement, as the same has been previously used in a differently arranged sash-lock.

We claim as our invention—

The arrangement of the catch-pin *h* upon the handle end of the lever D, and the notches *a a* and *a'* in the edge of the plates C and E, the whole arranged and operating together substantially as described.

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