

H. C. PERRY.
SASH-HOLDER.

No. 170,586.

Patented Nov. 30, 1875.

Fig 1.

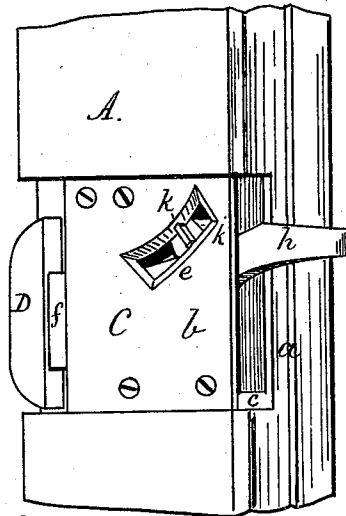


Fig 2.

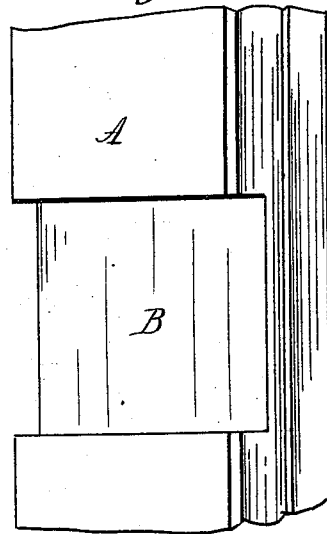


Fig 3.

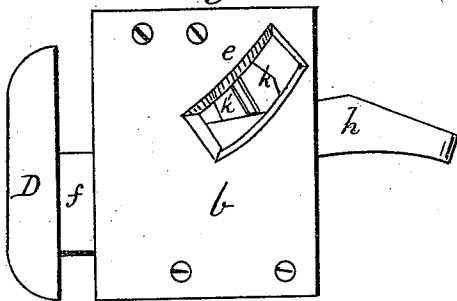


Fig 4.

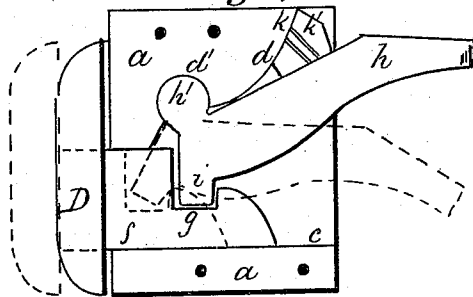


Fig 5.

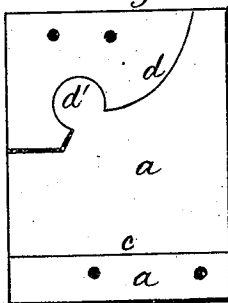


Fig 6.

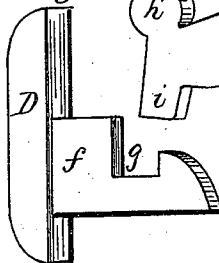


Fig 7.

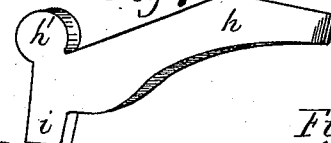


Fig 9.

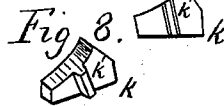
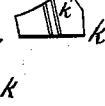


Fig 8.



WITNESSES:

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HENRY C. PERRY, OF WILKESBARRE, PENNSYLVANIA.

IMPROVEMENT IN SASH-HOLDERS.

Specification forming part of Letters Patent No. 170,586, dated November 30, 1875; application filed July 14, 1875.

To all whom it may concern:

Be it known that I, HENRY C. PERRY, of Wilkesbarre, in the county of Luzerne and State of Pennsylvania, have invented certain new and useful Improvements in Sash-Holders; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to improvements in sash-holders; and consists in a substantial case inserted in a mortise in the side of sash, and in which is placed the operating lever, sliding-key, and arm of presser-bar, all arranged in combination with said case, and with each other, so that the sash can be locked at pleasure, as hereinafter fully explained.

In the drawings, Figure 1 is a portion of sash with my device secured in the mortise in the side. Fig. 2 shows the mortise for receiving the case. Fig. 3 is the case with devices therein complete. Fig. 4 is the case with cap removed, showing the arrangement of the several operating parts; and Figs. 5, 6, 7, 8, and 9 are detail views of the several parts of the invention.

A is the sash, having the cross-mortise B, in which is inserted and secured, by proper means, the case C, which holds the devices for operating the presser foot or bar D. C is the case. It is formed of the plate *a* and cap *b*, the latter being secured to the former by screws or other suitable means.

The plate *a* is recessed or cut away across its central part to receive and hold the operating lever and arm of the presser-bar D, as hereinafter described, and so as to form the horizontal bearing or shoulder *e*, on which the shank of the presser-bar slides, the curved shoulder *d* and the round recess *d'*, in which the head of the lever, hereinafter described, turns.

The cap *b*, when secured to the plate *a*, will hold the several operating parts in place, so that the use of pivots and other means of securing and holding each part in place is dispensed with. It has the curved opening or mortise *e*, made to correspond with the curv-

ature of and is placed flush with the curved shoulder *d*.

f is the shank or arm, which carries the presser-bar D. It rests on the shoulder *e*, on which it slides back and forth. It has the vertical notch *g* formed to receive the foot or projection on the lever, hereinafter described. *h* is the lever. Its inner end is provided with the round head or projection *h'*, which fits and turns freely in the recess *d'*, and is the pivot or axis on which the lever *h* turns. It is further provided with the extension or projection *i*, which enters the notch *g*, and is the means by which the presser-bar is thrown out and in. *k* is a sliding key, placed between the lever *h* and the shoulder *d*, and is provided with the projection *k'*, which extends outward through the mortise *e*, and prevents the key from dropping out of the case, and affords facilities for catching and raising the key when it is desired to unlock the sash. In the act of locking the sash, it drops of its own gravity, and is directed by the mortise *e* and projection *k'* into the proper place between the lever *h* and shoulder *d*, to lock the device at any desired point.

The sash is locked by pressing down the lever *h*, which forces the bar D against the window-casing. The key *k* drop into the angle between the shoulder *d* and lever *h*, and locks the latter and the sash.

To unlock the sash the key is lifted to the upper end of the mortise *e*, which permits the rising of the lever and the withdrawal of the bar D from contact with the window-casing.

Having described my invention, what I claim, and desire to secure by Letters Patent, is—

The combination, with the presser-bar D, having the shank *f* and notch *g*, and the lever *h*, of the plate *a*, having shoulder *d*, the cap *b*, having mortise *e*, and the sliding key *k*, all arranged and operating substantially as and for the purpose set forth.

In testimony that I claim the foregoing as my own, I hereto affix my signature in presence of two witnesses.

HENRY C. PERRY.

Witnesses:

C. L. BUCKLEY,
M. McCACY.