

W. M. Warren,

Sash Holder.

No. 111,995.

Patented Feb. 21. 1871.

Fig. 1.

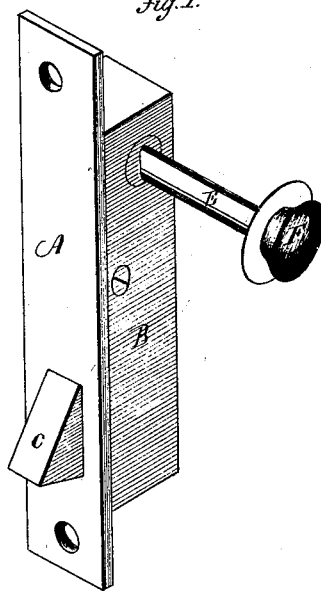
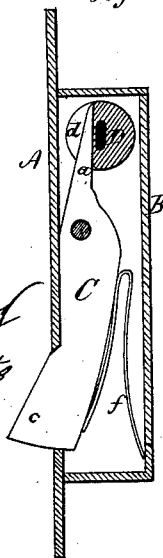
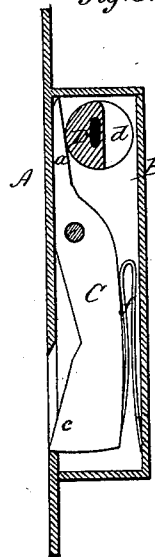


Fig. 2.



Witnesses  
J. H. Shumway  
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Fig. 3.



William M. Warren  
Inventor

By his Attorney  
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WILLIAM M. WARREN, OF WATERTOWN, CONNECTICUT.

Letters Patent No. 111,995, dated February 21, 1871.

## IMPROVEMENT IN SASH-HOLDERS.

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, WILLIAM M. WARREN, of Watertown, in the county of Litchfield and State of Connecticut, have invented a new Improvement in Sash-Fastener; and I do hereby declare the following, when taken in connection with the accompanying drawing and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawing constitutes part of this specification, and represents in

Figure 1 a perspective view, and in

Figures 2 and 3 vertical central sections to illustrate the operation.

This invention relates to a device for locking the sashes of windows, such as are balanced with weights in any desired position that is to prevent the lower sash from being raised higher, or the upper sash lowered from any point where they may be respectively set; and

The invention consists in the arrangement of a locking lever combined with a cam and removable spindle, which operate to withdraw the lever and hold it withdrawn or to allow the action of the lever to lock the sash.

A is the face-plate.

B, the case, which may be arranged either in the sash or window-frame, as preferred.

C is a lever hung within the case, one arm of which projects, as at *c*, forming the nose of the locking-bolt inclined upon one surface, and so as to form a shoulder upon the other.

D is a cam, supported in the case, and provided with a spindle, E, and a knob, F, or other device for

turning the spindle, so that by turning the spindle the cam will also be turned.

A portion of the cam D is cut away, which allows the upper arm *a* of the lever to fall onto the cam, and the nose of the bolt to throw out, as denoted in fig. 2; but by turning the cam to the position seen in fig. 3, the bolt is drawn in and retained in position until the cam is returned; then a spring, *f*, will throw out the lever; hence when it is desired to move the window or leave it free to be moved, turn the cam to the position denoted in fig. 3, and when desired to lock the sash turn the cam to the position in fig. 2, and the bolt will fly out into a notch formed for it in the sash or frame as the case may be.

The position denoted in the drawing is for the lock upon the upper-sash, which will prevent the sash from being drawn down below the point at which it is set until the cam be turned to move the lever. For the lower sash the case should be reversed, so as to prevent the sash from being thrown up.

I claim as my invention—

The herein-described sash-lock, consisting of the lever C, one arm of which is formed into a projecting nose, *c*, the other arm *a* extending to a cam, D, which said cam is provided with a spindle, E, for operating the same, and the lever provided with a spring, *f*, to throw the nose of the lever outward from the case, the whole being constructed and arranged in the manner herein described.

WM. M. WARREN.

Witnesses:

LEMAN W. CUTLER,  
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