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OSCAR W. NOBLE.

Improvement in Sash Holders.

No. 122,776.

Patented Jan. 16, 1872.

Fig. 1.

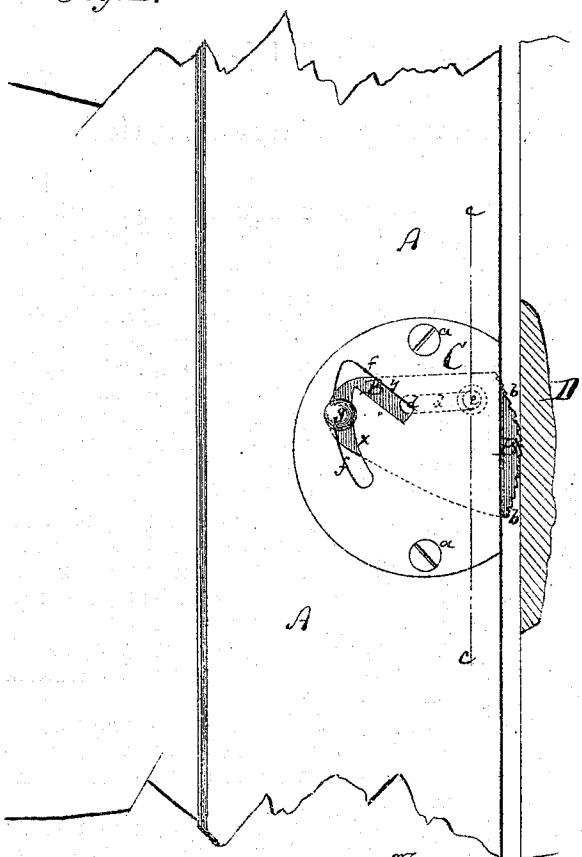


Fig. 3.

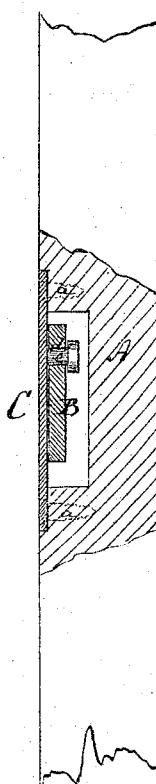
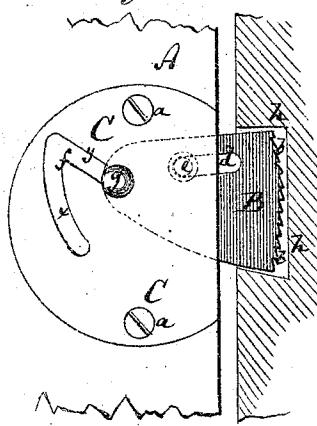


Fig. 2.



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UNITED STATES PATENT OFFICE.

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IMPROVEMENT IN SASH-HOLDERS.

Specification forming part of Letters Patent No. 122,776, dated January 16, 1872.

Specification describing a certain Improved Sash-Lock and Fastener, invented by OSCAR W. NOBLE, of Darlington, in the county of La Fayette and State of Wisconsin.

Figure 1 represents a side view of my improved sash-lock and fastener, showing it binding on the frame. Fig. 2 is a similar view of it, showing it bolted. Fig. 3 is a vertical section of the same on the line *c c*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The invention will be first fully described, and subsequently pointed out in the claims.

A in the drawing represents portion of a window-sash, to which my improved holder and lock are applied. *B* is the cam and bolt, set into a recess of the sash; and *C* the face-plate, covering said recess. The face-plate is, by pins or screws *a*, secured to the sash. The bolt or cam *B* is made of metal with a curved, serrated, or roughened edge, *b*, that protrudes beyond the edge of the sash. A straight or slightly-bent slot, *d*, is in the bolt, and through it is fitted a pin, *e*, projecting inwardly from the face-plate *C*. In the face-plate is a slot, *f*, similar to an inverted letter **V**. A pin, *g*, projecting outwardly from the bolt, and serving as handle to the same, projects through the slot *f*.

When the sash is raised to any desired height the pin *g* will be in the arm *x* of the slot *f*, as in Fig. 1, the edge *b* of the cam being in contact with the window-frame *D*. As soon as the sash is let go its weight will cause the cam to swing on its pivot *e*, and the handle *g* to move

down in the arm *x* of the slot, thereby making the edge *b* bite against the window-frame and sustain the sash in its elevated position.

When the sash is closed the cam is opposite a mortise, *h*, in the frame *D*, and can, as a bolt, be pushed into said mortise, as is clearly shown in Fig. 2, thereby preventing the opening of the sash. In this latter position the pin *g* enters the upper arm *y* of the slot *f*, the slot *d* permitting the outward motion of the bolt. In this manner one piece *B* will serve both as a sash-holder and sash-lock.

By applying a projecting tongue to the cam the same can be made to lock into mortises provided for its reception at proper intervals in the window-frame, and thus constitute an absolute support for the sash.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. A bolt, *B*, having slot *d* and pin *g*, and a plate, *C*, having pin *e* and slot *y* applied in combination to the recess of sash *A*, for the purpose described.

2. A cam-bolt, *B*, having slot *d* and pin *g*, and a plate, *C*, having slots *x y*, and pin *e*, applied in combination to the recess of sash *A*, as described, and for the double purpose set forth.

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Witnesses:

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