

JOHN H. MORSE.

Improvement in Sash-Holders.

No. 114,842.

Patented May 16, 1871.

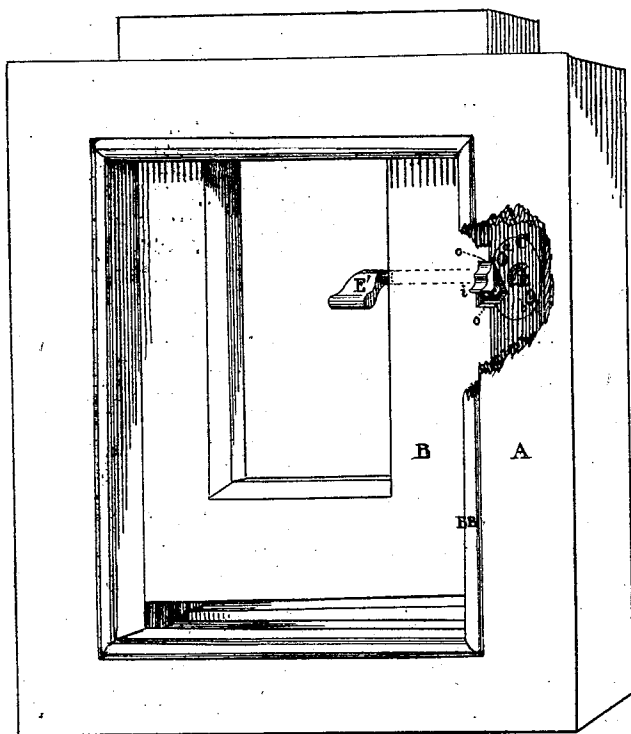


Fig. 1.

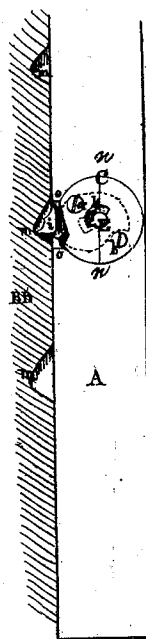


Fig. 2.

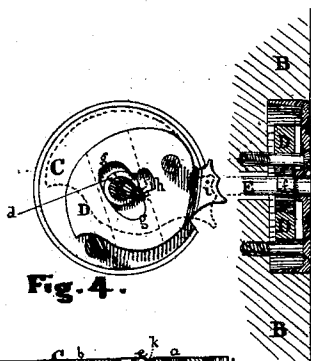


Fig. 4.

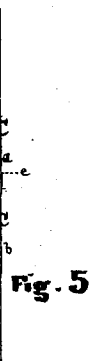


Fig. 5.

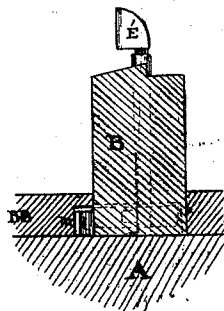


Fig. 3.

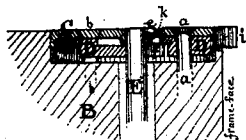


Fig. 6.

Witnesses

Edmund Shurtow
Chuburn A. Howard

John H. Morse,
Inventor

United States Patent Office.

JOHN H. MORSE, OF PEORIA, ILLINOIS.

Letters Patent No. 114,842, dated May 16, 1871.

IMPROVEMENT IN SASH-HOLDERS.

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

I, JOHN H. MORSE, of Peoria, county of Peoria and State of Illinois, have invented an Improved Sash-Holder, of which the following is a specification.

My improvement consists in affixing in a hole bored in the edge of a window-sash a metallic case containing a hanging bolt, operated by a key passing through the sash, and forcing the end of the bolt into niches cut in the front stop for lower sash, and into parting-strip for upper sash, locking the sash when down, or holding it at any desired height when raised.

Figure 1 is a perspective view of frame and sash.

Figure 2 is an end elevation.

Figure 3 is a plan of end elevation.

Figure 4 is elevation of sash-holder.

Figure 5 is section of same.

Figure 6 is section plan.

A, fig. 1, is the window-frame.

B, the sash.

C, metallic case containing the bolt D, with its corrugated nose *i*.

E, thumb-piece of key E, passing through the sash and bolt and center of metallic case C, as seen in figs. 5 and 6.

Lug F on key E operates the bolt, as seen in fig. 4. B B, front stop, and

m m m niches cut in front stop. (See fig. 2.)

To affix "the sash-holder" to a window-sash, bore a hole in edge of window-sash, right-hand side, the size of metallic case C, about one and one-quarter of an inch, and the depth of case C, three-eighths of an inch. (See fig. 5.) From the center of this hole the remainder of the way through the sash, a hole the size of the body of key E, three-eighths of an inch.

Cut a slot from front of sash through into large hole, seven-eighths of an inch long and depth of hole, as seen at *o o*, fig. 2, to allow the corrugated nose *i* of bolt D to project. (See figs. 1, 2, and 4.)

Now pass the key E into the small hole up to the thumb-piece E', with left hand holding thumb-piece E' to the front. (See fig. 1.) Place the bolt D in large hole, with corrugated nose *i* in cut *o o*, and lug *f* on key E in slot *h* of bolt D. (See fig. 4.) Place the metal case C over the whole, with lug *e* on key E (see

fig. 6) in position to enter slot *d* (see fig. 4) in metal case.

Press the metal case C into the hole in the sash until the lug *e* on key E has passed through slot *d* in metal case C. Turn metal case C over to the left, and the lug *e* on key E will pass around in recess K in metal case C, and when the line *n n* is across the metal case, fig. 2, and is perpendicular with sash, press the metal case home, and secure it with screws *a* and *b*, *a* passing through case and bolt into the sash.

The lug *f* on key E, working in slot *h* of bolt D, will operate the bolt, and lug *e* on bolt D will prevent the key E from being withdrawn from sash.

To raise the sash, the window being closed, take hold of it with the left hand, turn up the thumb-piece E with the right hand, raise the sash, letting go the thumb-piece E'; and when the corrugated nose *i* of bolt D comes opposite one of the niches *m m m* in front stop B B, the bolt will drop of its own weight, and nose *i* will enter niche *m*, and be held in that position.

If you wish to lower the sash, start it upward with the left hand, turn up the thumb-piece E' with right hand; this will withdraw the corrugated nose *i* from niche *m*, and the sash may be lowered.

When the sash is closed the thumb-piece E' will turn down of its own weight, the nose *i* will be projected into niche *m*, the lower niche *m* being cut the full depth of corrugated nose *i*, lug *f* on key E will turn (position shown in fig. 4) down, and projection *x* on bolt D will come in contact with lug *f* and prevent nose *i* from being forced back, thus locking the sash securely.

Claim.

I claim as my invention—

The combination of the key E with lug *e* and recessed face-plate, the key E passing through a recessed and shouldered bolt working at right angles to the key, all as shown and described, for the purpose set forth.

JOHN H. MORSE.

Witnesses

JAMES M. MORSE,
AUBURN A. HOWARD.