

S. W. REED.  
Sash-Fasteners.

No. 149,156.

Patented March 31, 1874.

Fig: 1.

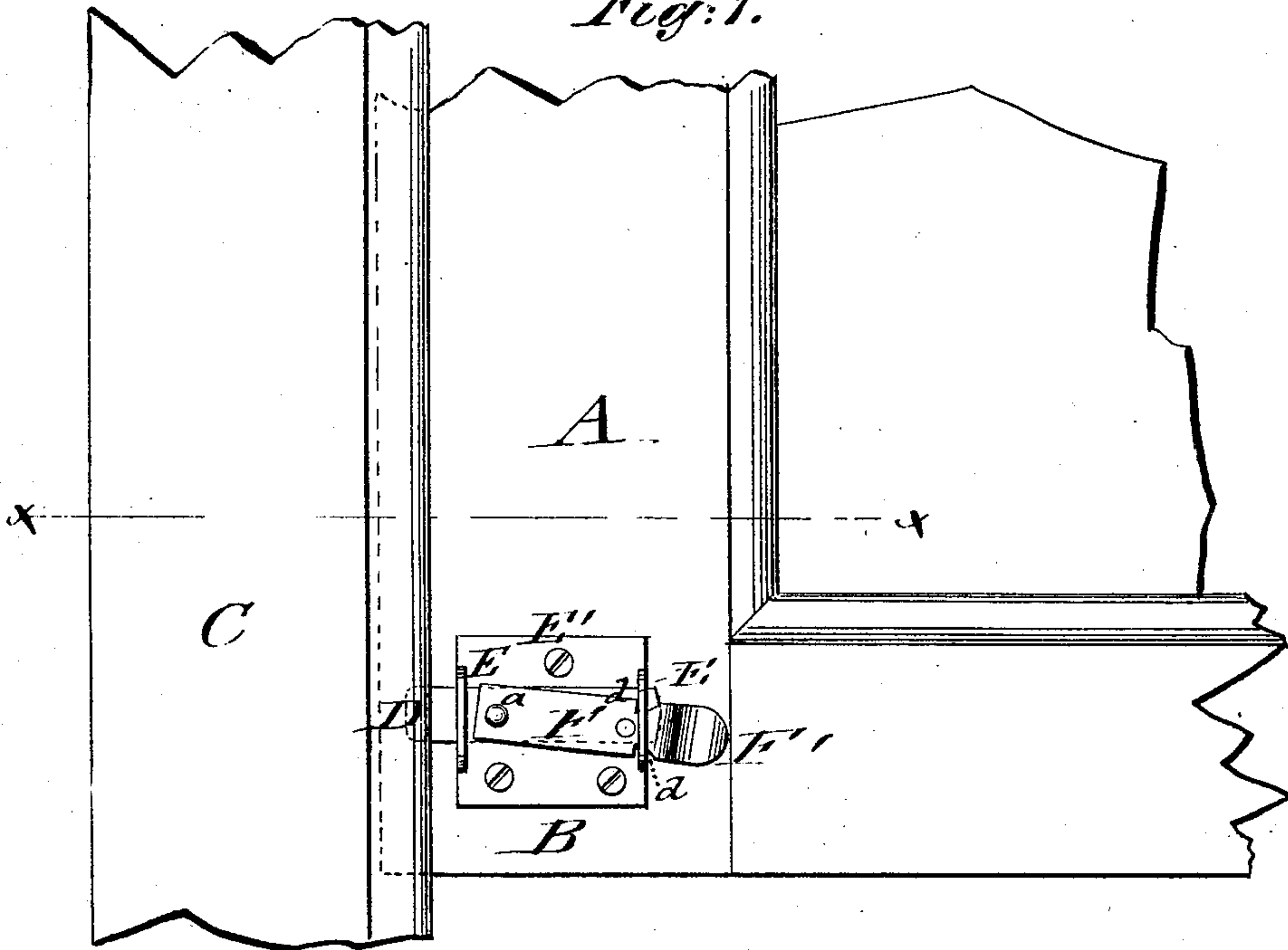


Fig: 2.

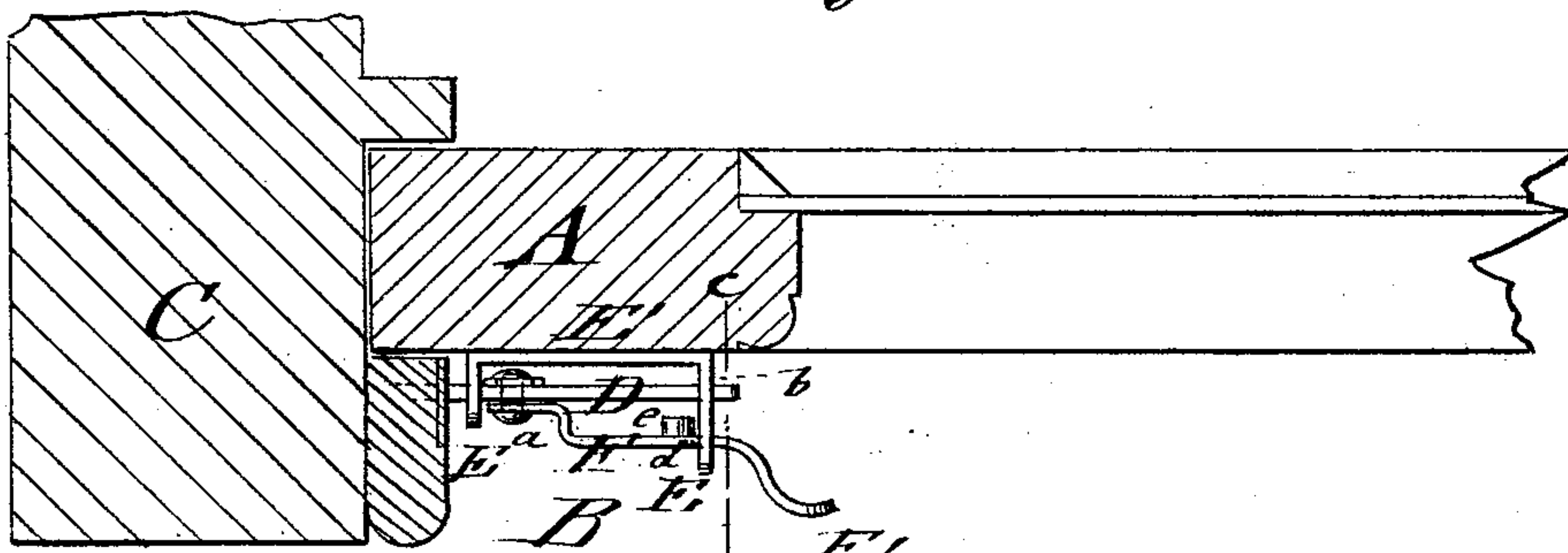
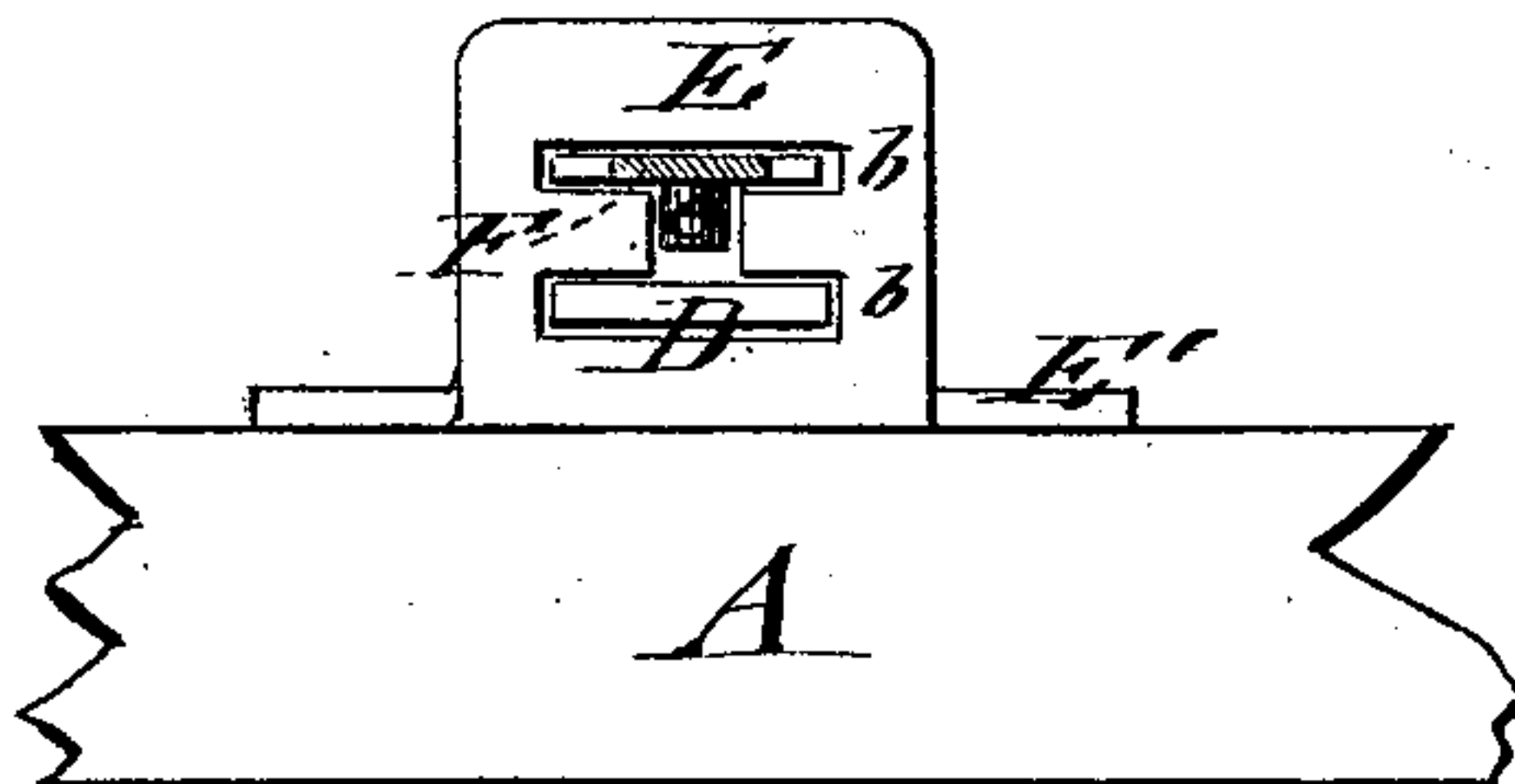


Fig: 3.



WITNESSES:

*Chas. Nida*  
*Chedguick*

INVENTOR:

*S. W. Reed*

BY

*Munniff*

ATTORNEYS.

# UNITED STATES PATENT OFFICE.

SHEPHERD W. REED, OF WATERLOO, IOWA.

## IMPROVEMENT IN SASH-FASTENERS.

Specification forming part of Letters Patent No. **149,156**, dated March 31, 1874; application filed March 7, 1874.

*To all whom it may concern:*

Be it known that I, SHEPHERD W. REED, of Waterloo, in the county of Black Hawk and State of Iowa, have invented a new and Improved Sash-Lock, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a front view, Fig. 2 a sectional top view on line *x x*, Fig. 1, and Fig. 3 a vertical transverse section on the line *c c*, Fig. 2, of my improved sash-lock.

Similar letters of reference indicate corresponding parts.

My invention relates to improvements in sash-locks, by which the window-sash may be firmly attached to the frame in a neat, cheap, and simple manner; and it consists of a sliding bolt which locks into recesses of the window-frame, being operated by a pivoted latch with notches and projecting pin or lug, and fastened to a slotted guide-piece after the bolt is pushed forward.

A in the drawing represents a window-sash, to which the lock B is attached, and C the window-frame, which has recesses at suitable distances apart for the bolt D of the lock. Bolt D slides in slots of the forward-projecting guide-pieces of staples E of base-plate E', which is firmly screwed or otherwise attached to the sash. A latch-piece, F, with handle-

extension F', is pivoted at *a* to the main bolt D, and serves to move it forward and back, as required. Latch F slides in a second slot, *b*, of the rear guide-piece E, being provided with side notches *d* and a projecting pin or lug, *e*, by which the latch is fastened to guide-piece E after the bolt is pushed forward into a recess of the frame. Slot *b* of guide-piece E is suitably enlarged for the passage of pin *e*. The pivoted latch is carried down in slot *b* until notch *d* and pin *e* engage firmly guide-piece E, and prevent thereby the withdrawal of the bolt, except by the release of the latch. The sash is thus fastened to the frame by a simple and easily-operated lock, which forms a strong connection, and can be cheaply furnished.

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

The improved sash-lock composed of sliding main bolt D, with pivoted latch-piece F, having side notches *d* and projecting pin *e*, and combined with recessed guide-pieces E, to be arranged and operated substantially in the manner and for the purpose set forth.

SHEPHERD W. REED.

Witnesses:

WILLIAM LANE,  
M. J. REED.