

J. B. Masser,
Sash Holder.
N^o 51,469. Patented Dec. 12, 1865.

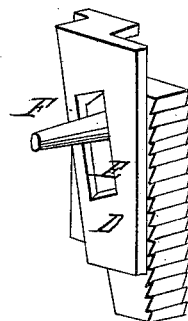


Fig. 1.

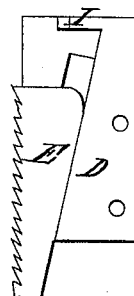


Fig. 3.

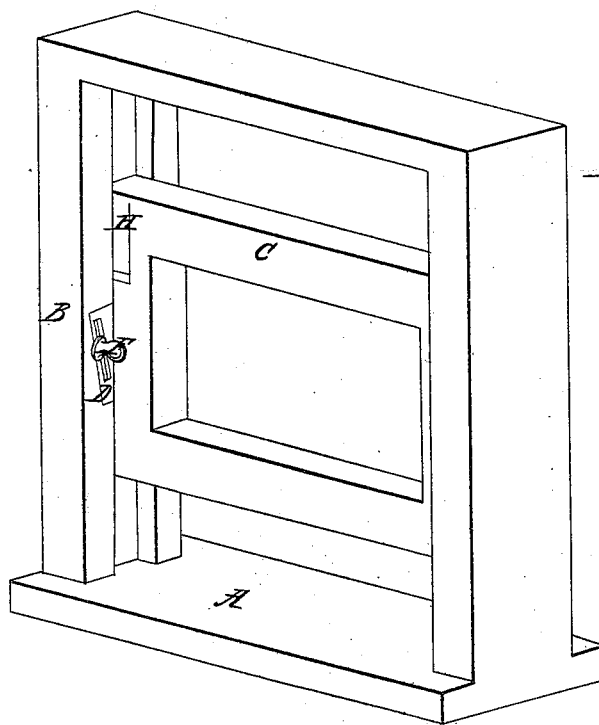


Fig. 2.

Witnesses:
W. T. Hall,
C. D. Smith

Inventor:
J. B. Masser
By
Munn & Co.
Attorneys

UNITED STATES PATENT OFFICE.

JACOB B. MASSER, OF SUNBURY, PENNSYLVANIA.

SASH-FASTENER.

Specification forming part of Letters Patent No. **51,469**, dated December 12, 1865.

To all whom it may concern:

Be it known that I, JACOB B. MASSER, of Sunbury, in the county of Northumberland and State of Pennsylvania, have made new and useful Improvements in Sash-Fasteners; and I do hereby declare the following to be a full, clear, and exact description of the nature, construction, and operation of the same, sufficient to enable one skilled in the art to which it appertains to construct and use the same, reference being had to the accompanying drawings, which are made part of this specification, and in which—

Figure 1 is a perspective view of one of the fastenings detached. Fig. 2 is a perspective view of one of the fastenings in place. Fig. 3 is a back view of the fastening detached.

The device, the subject of my improvement, consists of a serrated wedge-bolt whose case is attached to the casing of the window, the bolt moving in a slot which becomes shallower as it descends, so as by the downward motion to force the serrated edge against the sash and clamp it in position. Provision is made for raising the bolt out of contact with the sash to admit of the closing of the window, and also for making the bolt the means of fastening, when closed, by engagement with a notch in the face of the sash.

A is the sill of the window, B the casing, and C the sash.

D is the bolt-case let into the side of the window-casing, and which contains a bolt, E, whose face presented to the sash is serrated so as to present the cutting-edges of the teeth in an upward position. The bolt is of a wedge shape, and moves in a recess of the same shape, so that when it is raised the teeth come even with or recede behind the edge of the case D, and are thereby withdrawn from contact with

the face of the sash C. This motion of the bolt E is given by means of the knob F, which is attached to the bolt and projects through the slot G in the case D. When the bolt is not in engagement with the recess H it offers no impediment to the raising of the sash, but slips up in its recess if the sash bears against it; but when the sash descends the teeth of the bolt E come in contact with it and become partially embedded, the sash bearing down the bolt until the latter becomes jammed in its wedge-shaped recess, and its further downward progress prevented.

To lower the sash the bolt is raised by means of the knob F, when the sash will be permitted to descend. It may then be locked by a partial revolution of the knob F, which throws the lower end of the wedge E into the recess H in the sash, the lower end of the bolt catching against the shoulder of the recess and the upper edge I of the case B.

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

1. The wedge-shaped serrated bolt E, occupying a recess of similar shape in the case D, and operating, as described, by impingement on the sash, to restrain its downward movement.

2. The arrangement of the locking-wedge E, in its combination with the shoulder of the recess H in the sash, and the projection I of the case D.

To the above specification I sign my hand this 21st day of September, 1865.

J. B. MASSER.

Witnesses:

ALEXR. A. C. KLAUCKE,
W. F. HALL.