(No Model.)

H. STAIB.

SASH HOLDER.

No. 323,603. Patented Aug. 4, 1885.

Fig: 1.

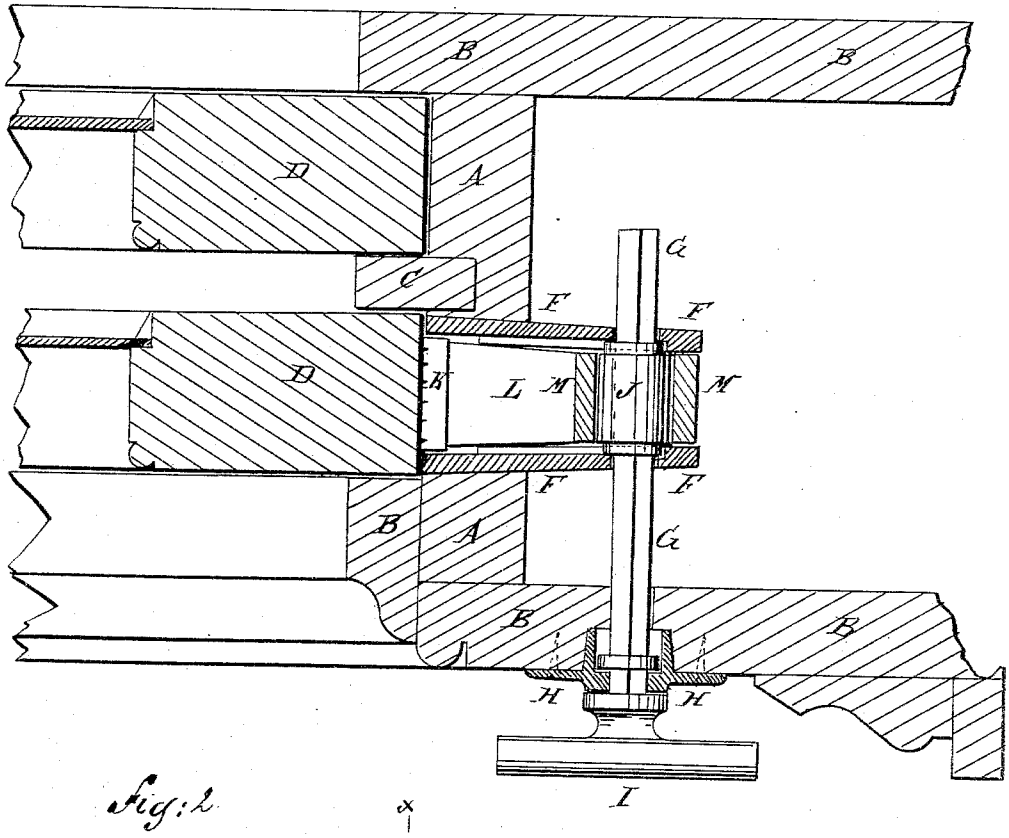


Fig: 2.

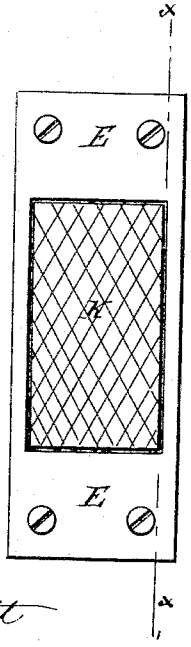
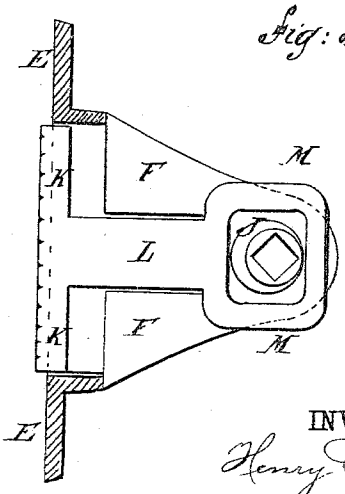


Fig: 3.



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UNITED STATES PATENT OFFICE.

HENRY STAIB, OF JEFFERSONVILLE, NEW YORK.

SASH-HOLDER.

SPECIFICATION forming part of Letters Patent No. 323,603, dated August 4, 1885.

Application filed September 15, 1884. (No model.)

To all whom it may concern:

Be it known that I, HENRY STAIB, of Jeffersonville, in the county of Sullivan and State of New York, have invented certain new and useful Improvements in Window-Sash Supporters and Locks, of which the following is a full, clear, and exact description.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a sectional plan view of my improvement shown as applied to the frame and sash of a window. Fig. 2 is a face view of the same. Fig. 3 is a sectional side elevation of the same taken through the line *x x*, Fig. 2.

The object of this invention is to provide a simple, inexpensive, convenient, and reliable mechanism for supporting and locking window-sashes in any desired position.

The invention consists in the construction and arrangement of parts, as will be hereinafter described and claimed.

A represents the frame, B the casing, C the parting bead, and D the sashes, of a window.

E is a plate, upon the rear side of which, along its side edges, are formed flanges F. The ends of the flanges F are perforated to receive the spindle G, which also passes through and is swiveled to an escutcheon, H, attached to the front casing, B, and has a cross-head or other handle, attached to its outer end. The spindle G also passes through the hub of an eccentric, J, placed between the ends of the flanges F. The inner sides of the flanges F are recessed from the plate E to the perforations in the end parts of the said flanges to allow the eccentric J to be readily passed in and out, and to form bearings for the ends of the hub of the said eccentric. The face-plate E and flanges F form the casing of the supporter and lock. The middle part of the face-plate E is cut away, and into the opening thus formed is fitted the face-plate K of the bolt L, which passes back between the flanges F of the casing, and its inner end rests against the eccentric J. With this construction, by turning the eccentric J the face-plate K of the bolt L will be forced against the edge of the sash D, and will force the said sash against the frame A at the other side of the window, so that the sash will be securely supported and locked in any position into which it may be adjusted. By turning the eccentric J in the other direction the pressure will be withdrawn from the bolt L, and the sash D left free to be moved up or down.

If desired, the inner end of the bolt L can be widened and slotted to form a frame, M, to receive the eccentric J, so that the said bolt can be moved both forward and back by turning the said eccentric.

The face of the bolt L can be made smooth or can be roughened, as shown in Figs. 1, 2, and 3, to cause it to take a firmer hold upon the sash D.

Supporters and locks can be connected with both the upper and lower sashes of windows.

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

In a sash-holder, the face plate E, formed with side flanges, F, having spindle perforations and recesses on their inner faces extending from the face-plate to the perforations, the eccentric J, having a central opening and resting in the rear ends of said recesses, the bolt L, formed with a face-plate, K, and a frame, M, surrounding the eccentric, and the removable spindle G, passing through the flanges F and eccentric J, substantially as set forth, whereby the eccentric may be introduced into position through the face-plate, as described.

HENRY STAIB.

Witnesses:
JAMES T. GRAHAM,
EDGAR TATE.