(No Model.)

J. S. FISHER.

FASTENER FOR MEETING RAILS OF SASHES.

No. 395,321 Patented Jan. 1, 1889.

Fig. 1.

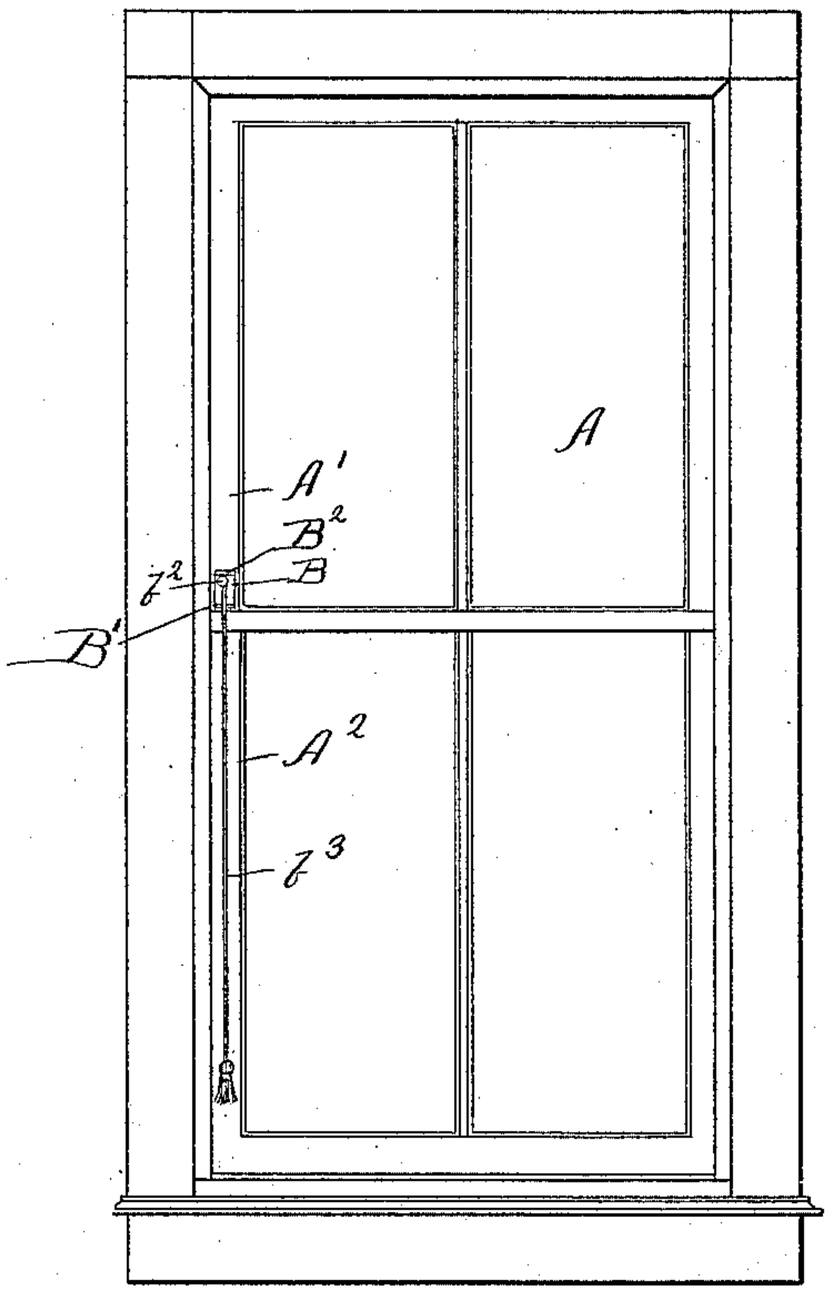
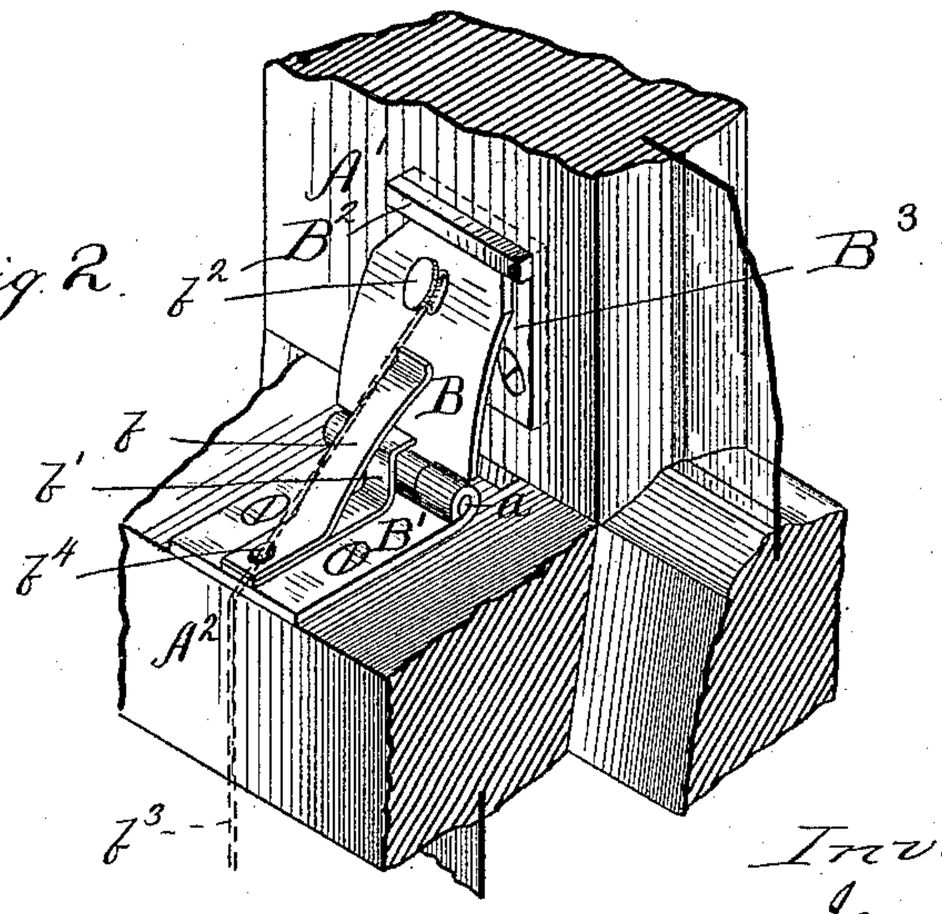


Fig. 2.



Witnesses:
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UNITED STATES PATENT OFFICE.

JAMES S. FISHER, OF CHICAGO, ILLINOIS.

FASTENER FOR MEETING-RAILS OF SASHES.

SPECIFICATION forming part of Letters Patent No. 395,321, dated January 1, 1889.

Application filed October 10, 1888. Serial No. 287,705. (No model.)

To all whom it may concern:

Be it known that I, JAMES S. FISHER, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Window-Sash Fasteners, of which the following is a specification.

The object of my invention is to provide windows with means whereby they may be secured automatically against attempts to open them from the outside, and held motionless in their frames.

The invention consists in the combination of a metal stop and self-adjusting catch, so constructed that when respectively attached, as hereinafter indicated, to the upper and lower sashes of a window they will when the window is closed press tightly against each other and hold the respective sashes immovable.

The accompanying drawings explain the mechanism of my invention and permit its operation to be defined, as follows:

Figure 1 represents a window-frame and my invention attached to the closed sashes. Fig. 2 is a detailed sectional view of the upper and lower sashes of a window when closed, showing my invention attached.

In both figures similar letters indicate similar parts.

A′ represents the upper sash; A², the lower.

B is a metallic plate provided with a knob, b^2, hinged at *a* to B′, another metallic plate firmly screwed, as represented in Fig. 2, to the top of the lower sash and at its side. A tongue projecting from the plate B′ and turned upward around the hinge *a* prevents the plate B from touching the side of the upper sash, A′.

b is a flat metallic spring riveted at b^4 to B′ and holding the two hinged plates B and B′ apart, pressing with its free end against the plate B.

b′ is a narrow strip of metal riveted at b^4 between the spring *b* and the plate B′, and at its free end so turned as to clear the hinge *a* and act as a guard against the plate B being drawn back too far against the spring *b*.

b^3 is a cord which may be attached at one end to the knob b^2, and provided for ornament with a tassel at its other end, and affording a means of drawing back the plate B in the case of a high window-sash.

B^2 B^3 is a metal plate to be sunk into the upper sash and screwed thereto in such a position as to bring its upper end, which is provided with a raised ledge, closely against the free end of the plate B when the window is closed.

B^2 B^3, in combination with the plates B and B′, hinged at *a*, with the spring *b*, riveted to the plate B′, all constructed as hereinbefore stated, constitute my invention. When the sashes are closed, the ledge B^2 tightly engages the upper end of the plate B and the spring *b* presses said plate B against the ledge. In order to open the sashes, the plate B is drawn back, when the sashes may be respectively raised or lowered. When the sashes fit closely, I cut away from the outside of the lower sash a small groove, in which the ledge B^2 runs.

The peculiar advantage and utility of my invention are its strength, ease of operation and of attachment to window-sashes, and the security by it automatically afforded to windows, together with its ornamental design.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination of a metallic plate with raised ledge B^2 B^3, being secured to the side of an upper window-sash with a metallic hinge, B *a* B′, the arm B having its upper end free and being provided with a projecting knob, b^2, the arm B′ being secured to the upper frame of the lower window-sash beneath the ledge B^2, and being provided with a flat metal spring, *b*, which presses the free end of B against the ledge B^2, substantially as set forth.

JAMES S. FISHER.

Witnesses:
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