I. COGSWELL.
Sash-Fastener.

No. 199,265. Patented Jan. 15, 1878.

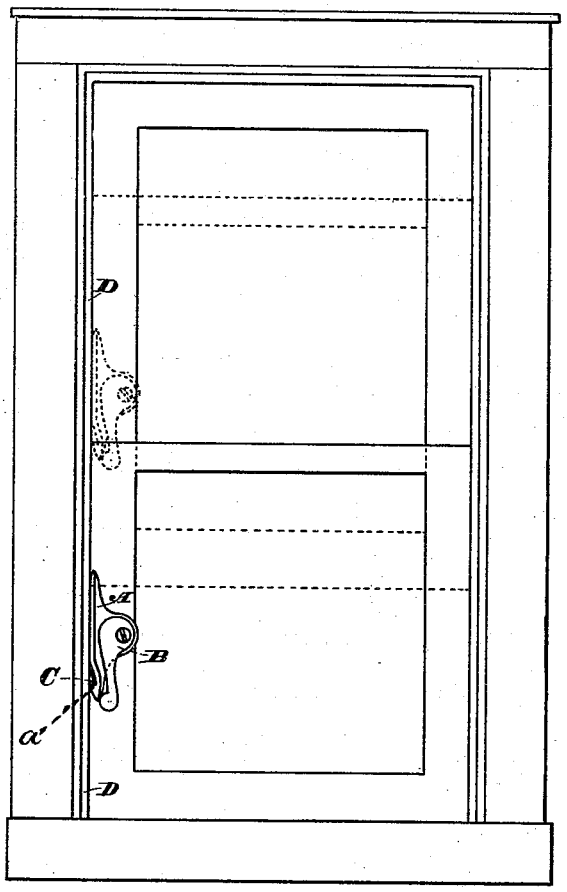

Fig. 1

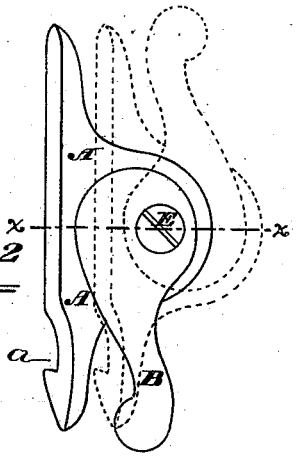

Fig. 2

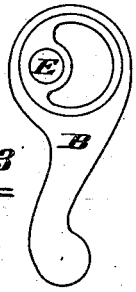

Fig. 3

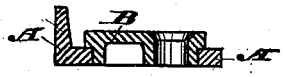

Fig. 4

Attest:

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INVENTOR:

Ira Cogswell

By S. Harry Hammer
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UNITED STATES PATENT OFFICE.

IRA COGSWELL, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN SASH-FASTENERS.

Specification forming part of Letters Patent No. **199,265**, dated January 15, 1878; application filed October 15, 1877.

To all whom it may concern:

Be it known that I, IRA COGSWELL, of the city of Chicago, county of Cook, and State of Illinois, have invented a certain new and useful Improvement in Sash-Fasteners; and I do hereby declare that the following is a full, clear, and exact description of the said invention, reference being had to the accompanying drawing, making a part of this specification, in which—

Figure 1 is a front view of the window, with fastener attached to lower sash; Fig. 2, a front view of the fastener; Fig. 3, a back view of the lever; and Fig. 4 shows a sectional view, taken on line *x x* of Fig. 2.

Similar letters of reference indicate corresponding parts in all the figures.

My invention consists in a friction-plate, having a bearing-flange along one edge and a locking-notch therein, and a circular opening to receive an eccentric flange or hub on the operating-lever, and a locking-catch fixed to the window-stop to engage with said locking-notch, whereby said plate may be forced against the window-stop with a positive action by said lever with such force as may be required to hold the sash or to lock it, all as hereinafter more fully described and claimed.

To enable others skilled in the art to make and use my invention, I will proceed to describe the same.

A represents a friction-plate, having the locking-notch *a*. B represents a lever or cam, and C is a stop. The friction-plate A is made with a lateral flange, having a smooth surface, so that in the operation of the sash, with the fastener attached, it will not mar or injure the sash-stop. A round hole is made in the friction-plate, within which a circular flange or hub on the lever B works. The screw E is placed eccentric to the center of said hub and nearest the outer edge of the plate through the lever, thus affording sufficient leverage to force the plate A against the window-stop, and hold the sash firm at any point by pressing down the lever. The flange of the plate A is provided with a notch, *a*, which is preferably placed near one end; and when the sash is down the said notch in the fastener locks upon catch C, which is fixed upon the window-stop, and thereby the window is securely locked, and can not be opened until the lever is raised.

In the use of a fastener of this kind the sash is firmly held, and all rattle is prevented.

This sash-lock can be made of iron, brass, or any metallic substance.

The ends of the friction-plate are beveled, so that in its movement the wood will not be marred.

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

The sash-fastener described, consisting of the plate A, constructed with a locking-notch, *a*, in the friction-surface, and with a circular hole fitted to receive an eccentric flange or hub on the lever B, which is pivoted upon and attached to the sash by a center screw, E, all constructed as described, and combined with a catch, C, rigidly fixed to the window-stop, whereby the window-sash may be held or locked without rattle or injury to the window-stop.

IRA COGSWELL.

Witnesses:
A. D. SHEPERD,
M. D. FLAHERTY.