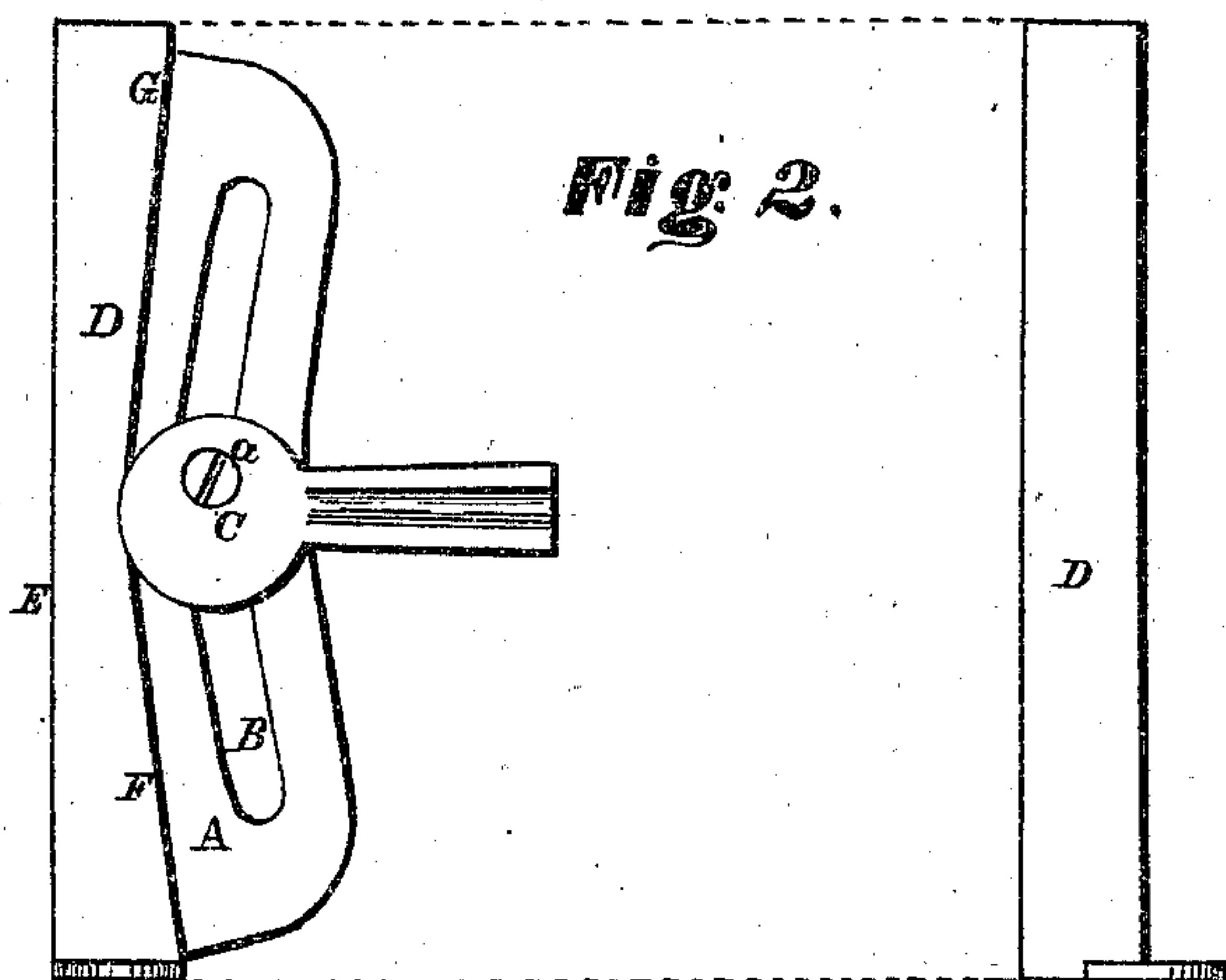
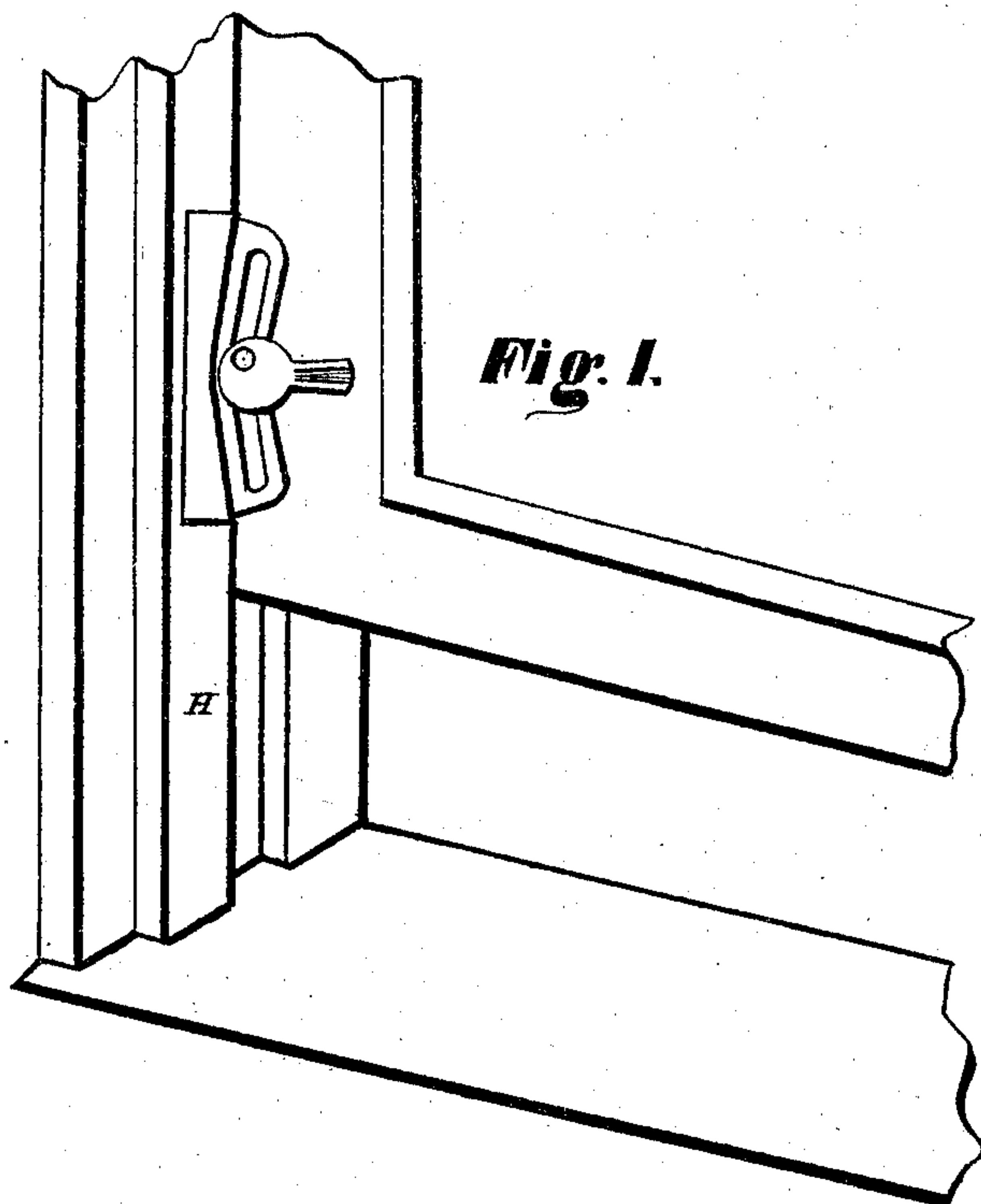


L. A. TUTTLE.
Sash-Holders.

No. 138,057.

Patented April 22, 1873.



Witnesses.

Attest.

A. G. Bigelow

Inventor.

L. A. Tuttle,
Per. Burridge & Co.
Attys.

UNITED STATES PATENT OFFICE.

LYMON A. TUTTLE, OF BEREHA, OHIO.

IMPROVEMENT IN SASH-HOLDERS.

Specification forming part of Letters Patent No. **138,057**, dated April 22, 1873; application filed March 3, 1873.

To all whom it may concern:

Be it known that I, LYMON A. TUTTLE, of Berea, in the county of Cuyahoga and State of Ohio, have invented a certain new and Improved Sash-Fastener, of which the following is a description:

Figure 1 is a side view of the window-fastener secured to the window. Fig. 2 is a view of the fastener detached therefrom.

Like letters of reference refer to like parts in the several views.

The purpose of this invention is to hold up a window-sash and to fasten the same when down so that it cannot be raised from the outside; and it consists in the peculiar construction, arrangement, and mode of operation, as follows, viz:

A in Fig. 2 represents a plate having therein a slot, B, of the shape shown. C is a cam, which is secured, in connection with the plate, by a screw, *a*, passing through it and into the slot, and thence into the side of the sash, as shown in Fig. 1. On one side of the plate referred to is formed a rib or shoulder, D, the outer edge E of which is straight and plain, whereas the inside edge or shoulder is made to consist of two incline planes, F G, the incline being from the ends toward the middle, as shown in Fig. 2.

* It will be observed that the direction of the slot coincides with that of the incline planes.

The above-described fastener is secured to the side of the sash by the screw *a*, and in such manner as to bring the side E against the face of the casing H, Fig. 1. In order to move the sash in either direction the cam is so turned

as to bring the shortest radius toward the incline planes. This will allow a free movement of the sash, so that it can be raised or lowered, and which may be retained at any one particular height by turning the cam, so as to bring the longest radius against the shoulders or incline planes, the result of which will be to crowd the rib D against the casing, and brace the sash in the window-frame, and prevent it from being moved downward, as the incline plane G will wedge against the cam in consequence of the weight of the sash and thereby hold up the window. Also when the window is down it is locked by turning the cam, so as to bring its longest radius to the lower incline plane F, which, in like manner, will wedge between the cam and casing, and prevent the window from being pushed up.

This window-fastener is simple in its construction and manner of operation, and it is also very easily attached to the sash, requiring for that purpose but little mechanical skill and labor.

Claim.

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

The plate A, slot B, and incline planes F G, as arranged, in combination with the cam C working on the screw *a*, substantially in the manner as described, and for the purpose set forth.

LYMON A. TUTTLE.

Witnesses:

J. H. BURRIDGE,
A. F. CORNELL.