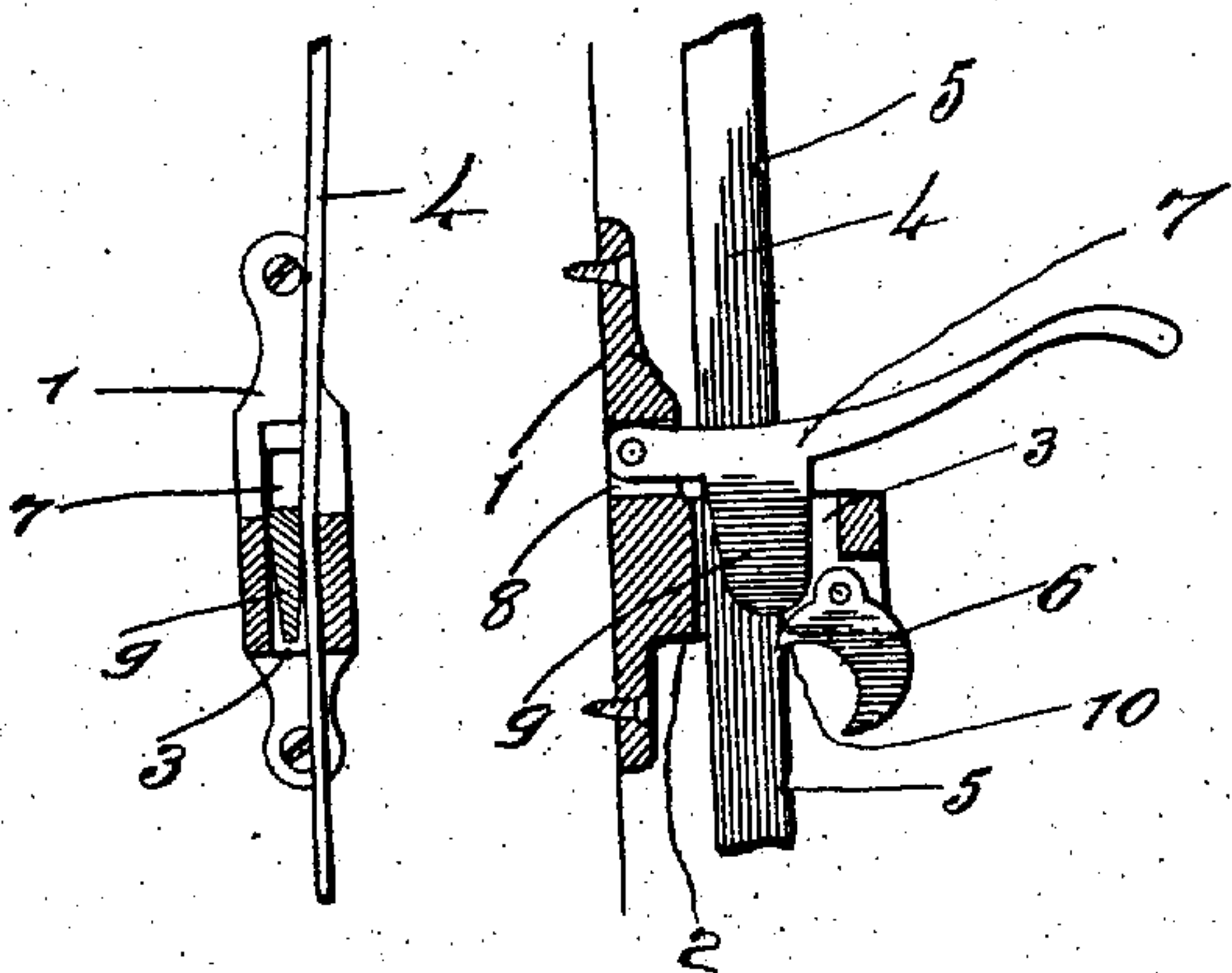
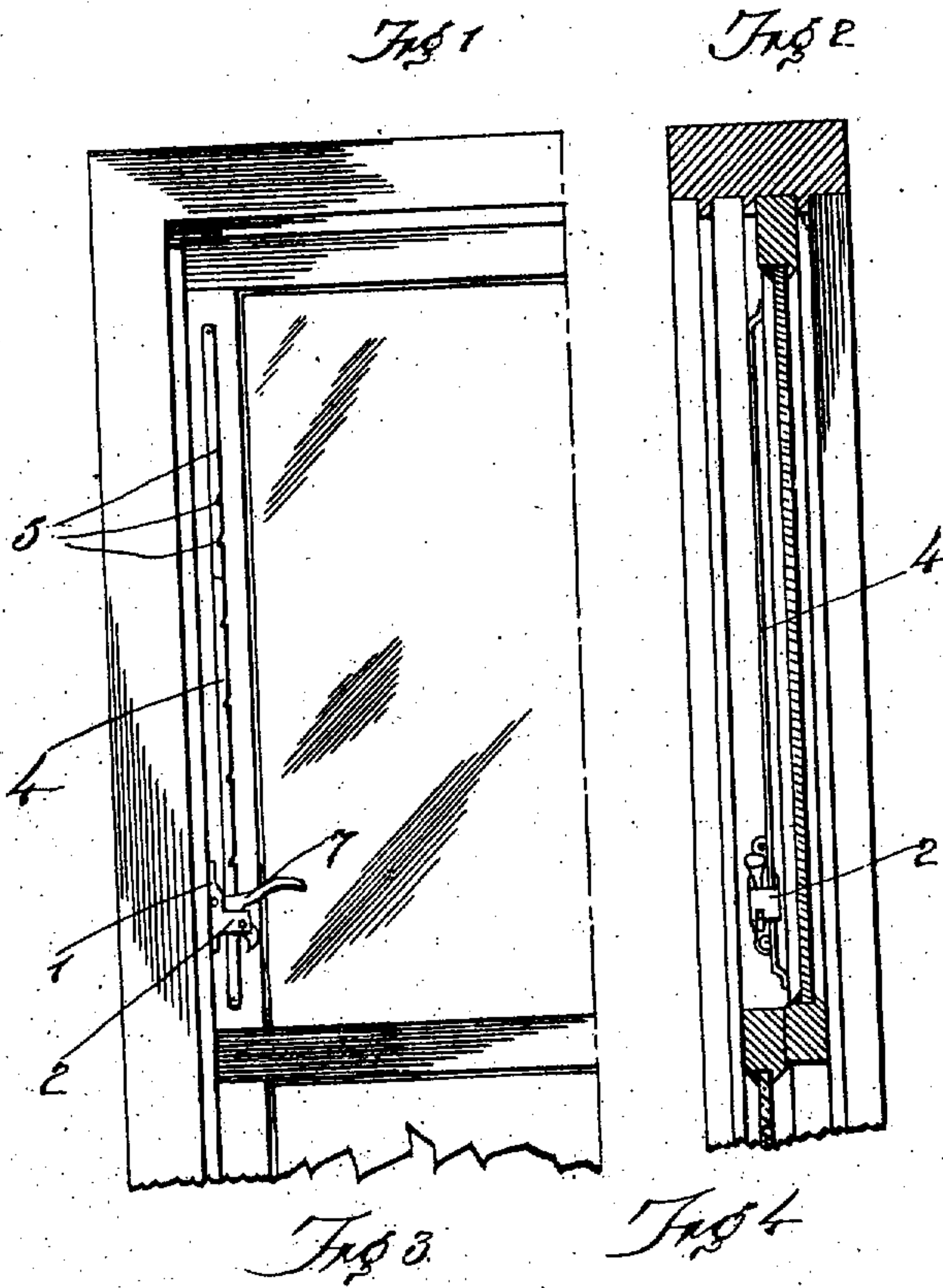


No. 850,170.

PATENTED APR. 16, 1907.

C. H. MILLER.
SASH FASTENER.
APPLICATION FILED JAN. 25, 1907.



Witnesses

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UNITED STATES PATENT OFFICE.

CHARLES H. MILLER, OF BOWIE, TEXAS.

SASH-FASTENER.

No. 850,170.

Specification of Letters Patent.

Patented April 16, 1907.

Application filed January 25, 1907. Serial No. 353,947.

To all whom it may concern:

Be it known that I, CHARLES H. MILLER, a citizen of the United States, residing at Bowie, county of Montague, State of Texas, have invented an Improved Sash-Fastener, of which the following is a specification.

My invention relates to locks or devices for holding window-sash at any desirable position, and the object is to provide an inexpensive locking device which may be attached to windows and window-sash of ordinary construction and which will hold the sash firmly against movement upward or downward and which will be easily operated.

This invention is an improvement over the patent, No. 408,920, dated August 13, 1889.

Other objects and advantages will be fully explained in the following description, and the invention will be more particularly pointed out in the claims.

Reference is had to the accompanying drawings, which form a part of this application and specification.

Figure 1 is a portion of a window-frame, showing the improved locking devices applied thereto. Fig. 2 is a vertical section of the portion of the window-frame showing the application of the improvement. Fig. 3 is a vertical section of the locking devices, taken along the line *x x* of Fig. 4, which is a vertical section of the attaching-bracket, showing also the position of the locking devices.

Similar characters of reference are used to indicate the same parts throughout the several views.

The improved locking devices are provided with a bracket 1, which is to be attached to the window-facing by means of screws or nails at the upper and lower ends, respectively. The bracket 1 has a horizontal bearing 2, which has a slot 3 therethrough for a locking-bar 4. The locking-bar 4 is attached to the window-sash. This bar may have a series of notches 5 for a catch 6. A locking-lever 7 is fulcrumed in the bracket 1 in a slot 8 in said bracket 1. The lever 7 carries a locking-wedge 9, which coöperates with the catch 6. The catch 6 is pivotally mounted in a recess in the bearing 2 and is automatic in operation by reason of the pivot-point being closer to the bar 4 than the center of gravity of the catch. The weight of the latch will press the point into a notch 5.

The wedge 9 will securely bind the locking-

bar 4 against downward movement. At the time the wedge is pressed down by the lever 7 the wedge will press the point 10 of the catch against the bar 4 to clamp the same against upward movement. It may be more practical to have the point 10 catch in one of the notches 5 of the locking-bar. Thus the bar 4 is locked against upward or downward movement while the wedge 9 is pressed down in the slot 3 with the bar 4. When the sash is to be raised, the lever is raised to release the wedge. The catch can then be released. The catch cannot be released until the wedge releases the bar. The bar cannot move upward while the catch is in engagement with the bar, because the catch would tend to press harder against the bar, and thus press the bar against the back wall of the slot, and thus wedge the bar against upward movement.

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

1. A sash-fastener comprising a bracket to be attached to the window-facing and provided with a bearing-arm intermediate the ends thereof, a locking-bar running through said bearing-arm to be attached to the window-sash, a lever fulcrumed in said bracket and carrying a wedge clamping said bar in said bearing-arm against downward movement, and pivoted catch coöperating with said wedge to engage said locking-bar and clamp the same against upward movement.

2. A sash-fastener comprising a bracket to be attached to the window-facing, a bearing-arm formed on said bracket intermediate the ends thereof and provided with a slot therethrough, a locking-bar having notches therein to be attached to the window-sash operating in said slot, a lever fulcrumed in said bracket and carrying a wedge to be inserted in said slot with said bar and to clamp said bar in said slot, and a catch pivotally mounted in a recess in the outer part of said bearing-arm and engaging said bar and pressing the same against the back wall of said slot to clamp said bar in said slot.

In testimony whereof I set my hand, in the presence of two witnesses, this 19th day of January, 1907.

CHAS. H. MILLER.

Witnesses:

JNO. B. HUNT,
T. J. CATHAN.