

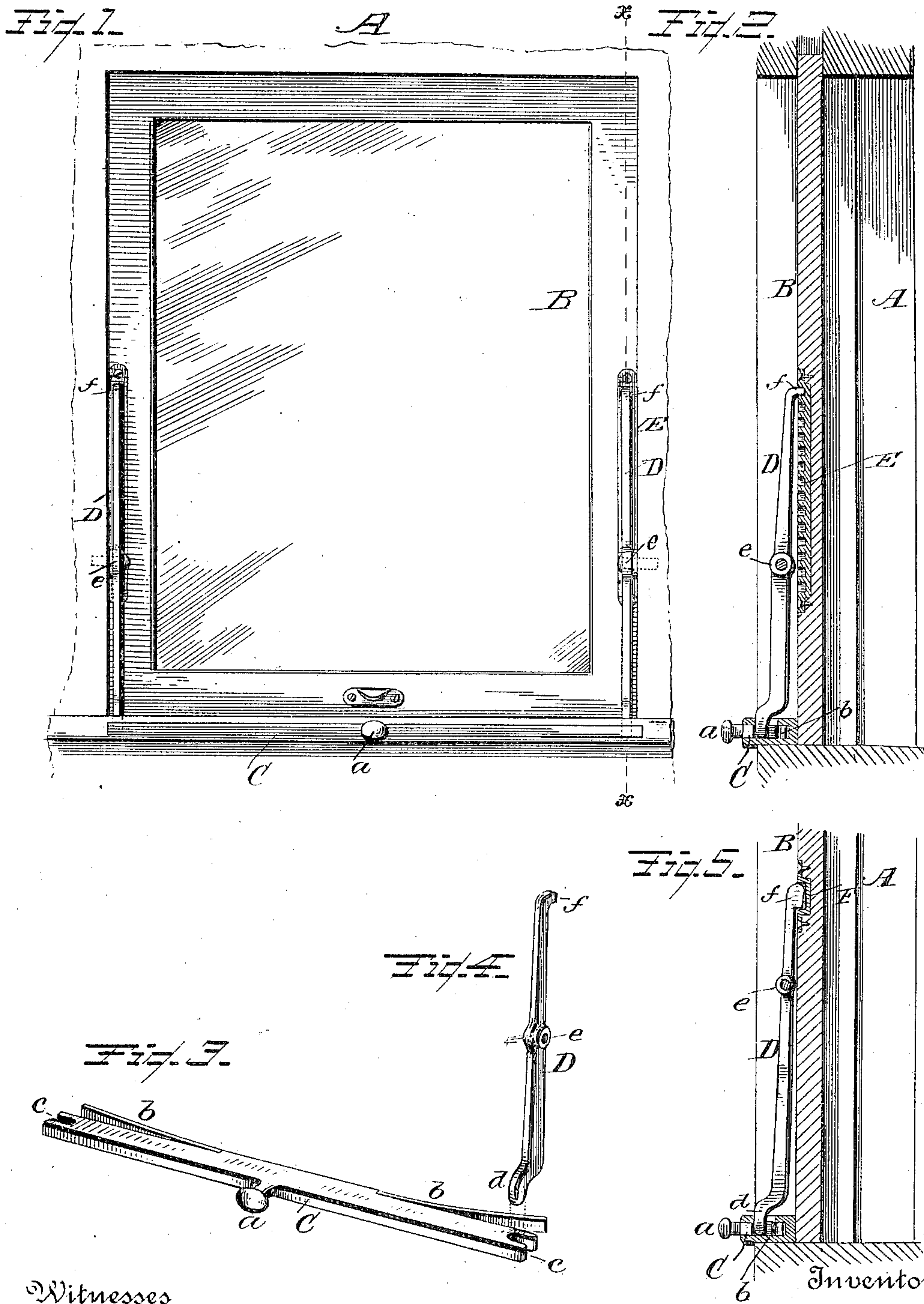
No. 680,749.

Patented Aug. 20, 1901.

O. WILLIAMS.
SASH FASTENER.

(Application filed June 3, 1901.)

(No Model.)



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UNITED STATES PATENT OFFICE.

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SASH-FASTENER.

SPECIFICATION forming part of Letters Patent No. 680,749, dated August 20, 1901.

Application filed June 3, 1901. Serial No. 62,927. (No model.)

To all whom it may concern:

Be it known that I, OTIS WILLIAMS, a citizen of the United States, residing at St. Johnsville, in the county of Montgomery and State of New York, have invented certain new and useful Improvements in Window-Sash Holders and Fasteners; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters of reference marked thereon.

The present invention has for its object to provide a simple and effective device for holding a window-sash in an opened position or fastening it closed, as desired; and it consists in a sash holder and fastener constructed substantially as shown in the drawings and hereinafter described and claimed.

Figure 1 of the drawings is a front elevation of a portion of a window-frame and the sash thereof, showing the application of my sash holder and fastener thereto; Fig. 2, a sectional elevation thereof on line *xx* of Fig. 1; Fig. 3, a detail perspective view of the spring-actuated bar; Fig. 4, a similar view of the locking-lever which is operated by the bar; Fig. 5, a detail sectional view showing a modification of the invention.

In the accompanying drawings, A represents a portion of a window-frame, and B the sash secured thereto in the ordinary manner, said frame and sash being of the ordinary construction.

Connected to the window frame or sill in any suitable manner is a horizontally-slidable bar C, provided upon its outer side with a suitable knob *a* for operating it and upon its inner side flat bearing-springs *b*, by which the bar is kept pressed outward when in its normal position. Any suitable spring or springs may be used so long as the bar is rendered spring-actuated or automatic in its action when pressure is removed from the knob *a*, the bar always moving in a horizontal direction either in or out in contradistinction to an up-and-down or vertical movement. Suitable locking-levers D are provided with fingers *d* at their lower ends to en-

gage the bifurcated ends *c* of the spring-actuated bar C to form a connection between the ends of the locking-levers and the bar, whereby the levers may be operated by the bar. Any suitable means may be employed for forming a connection between the levers and the bar, whereby the two will be operated conjointly, that shown being considered the most simple and practical.

The locking-levers D are formed with an eye *e* for convenience in pivoting the levers to the sides of the window-frame, the upper ends of the levers terminating in pawls *f*, adapted to engage notched plates E, secured to the window-sash. The plate may have a plurality of notches or sockets, as shown in Fig. 2 of the drawings, or a plate F may be used having only one notch or socket, as shown in Fig. 5 of the drawings, the latter simply locking the sash in a closed position, the pivotal connection of the lever with the window-frame in such case being nearer the upper end thereof, the form of the locking-lever and the manner of pivoting it being subject to various modifications or changes.

When the bar C is pressed inward or in a direction toward the sash, the connection between the bar and the levers D will cause the upper and pawl end of the lever to release itself from the notch or socket of the plate and admit of the sash being raised or lowered, as desired, and upon removing pressure from the bar the levers at their upper ends will be forced in engagement with the notch or socket of the plate to hold it in a closed or an open position, as the case may be.

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

1. A sash holder and fastener comprising a horizontal movable and spring-actuated bar located upon the window sill or frame and extending across the same, and upright pivoted locking-levers engaging with the ends of the bar and adapted to engage notches or sockets upon the sash, substantially as and for the purpose set forth.

2. A sash holder and fastener, comprising a horizontally-movable and spring-actuated

bar located upon the window sill or frame and
having slotted or bifurcated ends, and piv-
oted locking-levers engaging the slotted or
bifurcated ends of the bar and provided at
5 their upper ends with pawls to engage notches
or sockets on the window-sash, substantially
as and for the purpose described.

In testimony that I claim the above I have
hereunto subscribed my name in the presence
of two witnesses.

OTIS WILLIAMS.

Witnesses:

CHARLES ERGENBROATT,
CHARLES MUNK.