

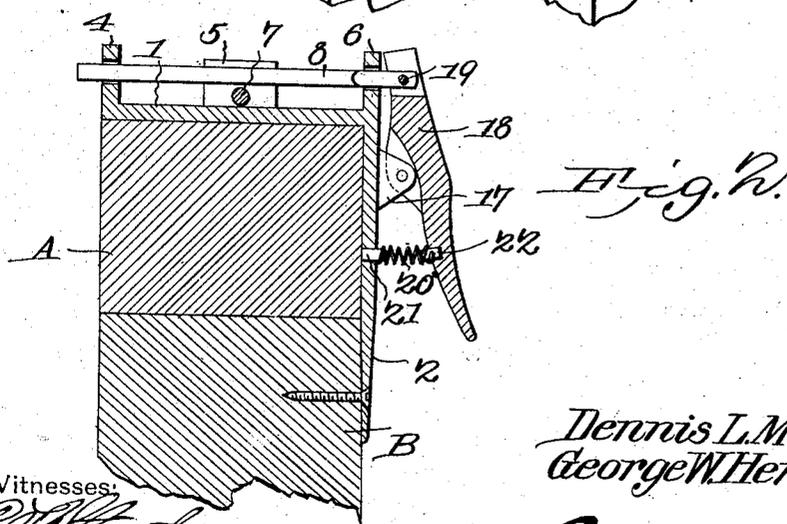
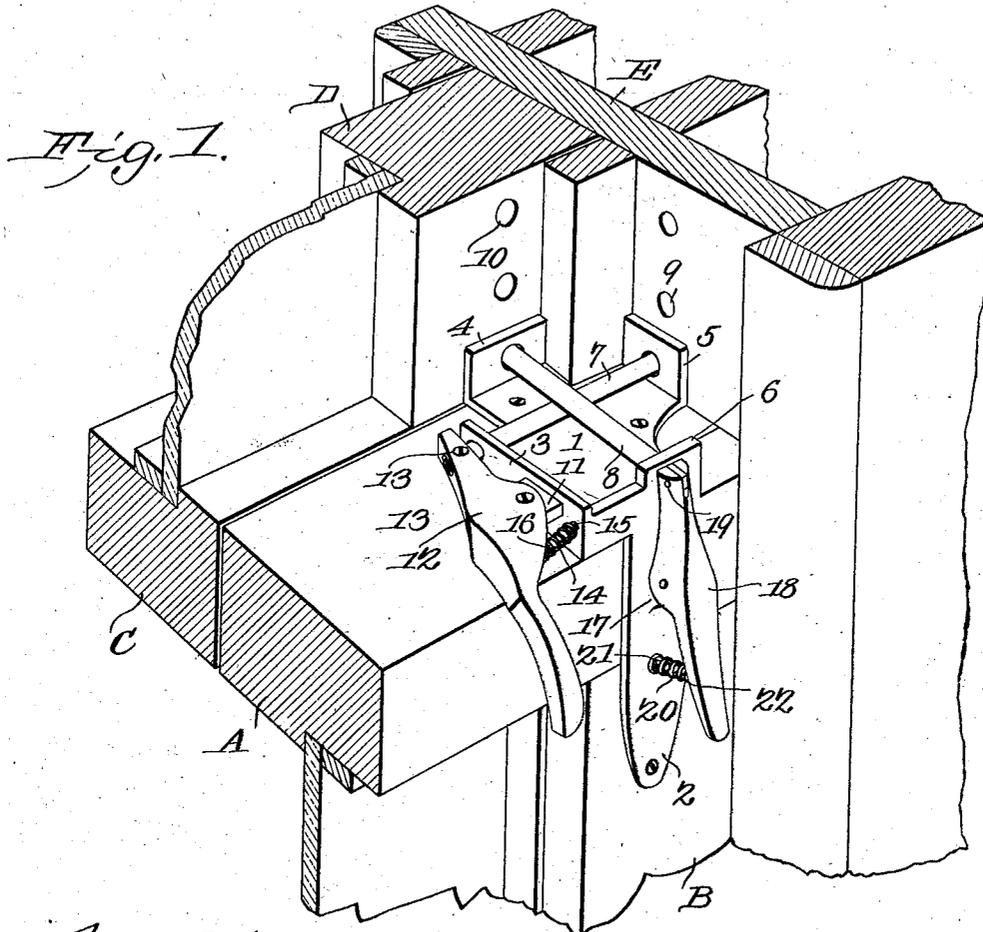
No. 816,116.

PATENTED MAR. 27, 1906.

D. L. MCKINNEY & G. W. HENDERSON.

WINDOW SASH FASTENER.

APPLICATION FILED JULY 28, 1905.



Witnesses:
E. J. Stewart
R. M. Elliott

Dennis L. McKinney
George W. Henderson
Inventors
by *C. A. Snow & Co.*
Attorneys.

UNITED STATES PATENT OFFICE.

DENNIS L. MCKINNEY AND GEORGE W. HENDERSON, OF FAIRMONT,
WEST VIRGINIA.

WINDOW-SASH FASTENER.

No. 816,116.

Specification of Letters Patent.

Patented March 27, 1906.

Application filed July 26, 1905. Serial No. 271,332.

To all whom it may concern:

Be it known that we, DENNIS L. MCKINNEY and GEORGE W. HENDERSON, citizens of the United States, residing at Fairmont, in the county of Marion and State of West Virginia, have invented a new and useful Window-Sash Fastener, of which the following is a specification.

This invention relates to window-sash fasteners.

The object of the invention is to provide a novel, cheap, and efficient form of window-sash fastener which will operate positively to lock the two sashes together against movement relatively to each other or both sashes to the jamb, whereby when a predetermined adjustment of either or both of the window-sashes has been secured it cannot be changed from the outside of the window.

With the above and other objects in view, as will appear as the nature of the invention is better understood, the same consists in the novel construction and combination of parts of a window-sash, as will be hereinafter fully described and claimed.

In the accompanying drawings, forming a part of this specification, and in which like characters of reference indicate corresponding parts, Figure 1 is a view in perspective of a portion of a window-frame and the sashes, exhibiting the fastener of the present invention combined therewith. Fig. 2 is a view in vertical transverse section through one of the meeting-rails of the sash and through the attachment.

Referring to the drawings, A designates the meeting-rail of the lower-sash; B, one of its stiles; C, the meeting-rail of the upper sash; D, one of its stiles, and E one of the jambs of the frame. These parts may be of the usual or any preferred construction, and therefore need no further description.

Secured to the right-hand portion of the upper side of the meeting-rail A and to the face of the stile B is the window-fastener constituting the subject-matter of the present invention. This fastener embodies a plate 1, which is secured to the meeting-rail and is provided with a tongue or extension 2, disposed at right angles thereto and secured to the stile B. The plate is provided with four upstanding marginal ears 3, 4, 5, and 6, which are orificed for the reception of a pair of bolts 7 and 8, which, as shown in Fig. 1, are dis-

posed at right angles to each other, the bolts 7 being designed to engage seats or sockets 9 in the jamb E and the bolt 8 to engage seats or sockets 10 in the stile D. Pivotally connected with a lug 11 on the ear 3 is a lever 12, with the shorter end of which is connected, by a screw or rivet 13, the bolt 7, the longer end of the lever being curved downward over the edge of the meeting-rail, thus to be within convenient reaching distance of the operator. In order to cause the bolt 7 normally to engage the seats 9, there is a coiled spring 14 provided, which is held in position by teats 15 and 16, carried, respectively, by the ear 3 and the lever 4.

Pivotally connected with a lug 17, projecting from the extension 2, is a lever 18, the upper end of which is connected, by a pin or rivet 19, with the bolt 8, a coiled spring 20, engaging the inner side of the lever, operating to cause the bolt 8 always to engage with the seats 10, the said spring being held in place by engaging a teat 21 on the extension and a like teat 22 on the lever.

When the lower sash is to be raised or lowered, the two levers are actuated to move the bolts 7 and 8 out of engagement with the seats 9 and 10, whereupon the said sash may be moved to the desired position, and upon the levers being released the bolts will again engage with the seats and the jamb and the stile D. Should it be desired to raise or lower the upper sash, it will only be necessary to move the bolt 8 out of engagement with the seat 10, whereupon the sash may be adjusted as desired and locked in such adjustment by releasing the lever 18 and permitting the bolt 8 again to engage with one of the seats 10.

It will be seen from the foregoing description that although the improvements herein defined are simple in character that they will be thoroughly efficient for the purposes designed and may be readily applied to windows already constructed without requiring any change in their structural arrangement other than the provision of the seats 9 and 10, which may readily be made with an ordinary drill.

Having thus described the invention, what is claimed is—

A window-sash fastener comprising a one-piece supporting-plate embodying two pairs of oppositely-aligned upstanding orificed ears

and a tongue or extension disposed at right
 angles to the body portion of the plate, one
 of the ears and the tongue being provided
 with a pintle and with a lug, a pair of bolts
 5 supported in the respective ears, a pair of le-
 vers pivotally connected with the lugs and
 with the bolts and projecting downward,
 when the fastener is positioned upon a win-
 dow, thereby to be within convenient reach
 10 of the operator, and springs engaging the
 pintles on the ear and tongue and similar pin-

cles on the levers to cause the bolts automat-
 ally to assume locking position.

In testimony that we claim the foregoing
 as our own we have hereto affixed our signa- 15
 tures in the presence of two witnesses.

DENNIS L. MCKINNEY.
 GEORGE W. HENDERSON.

Witnesses:

THOS. WALDO,
 W. H. GARLON.