

C. M. BERRY.
WINDOW FASTENER.
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979,251.

Patented Dec. 20, 1910.

Fig. 2

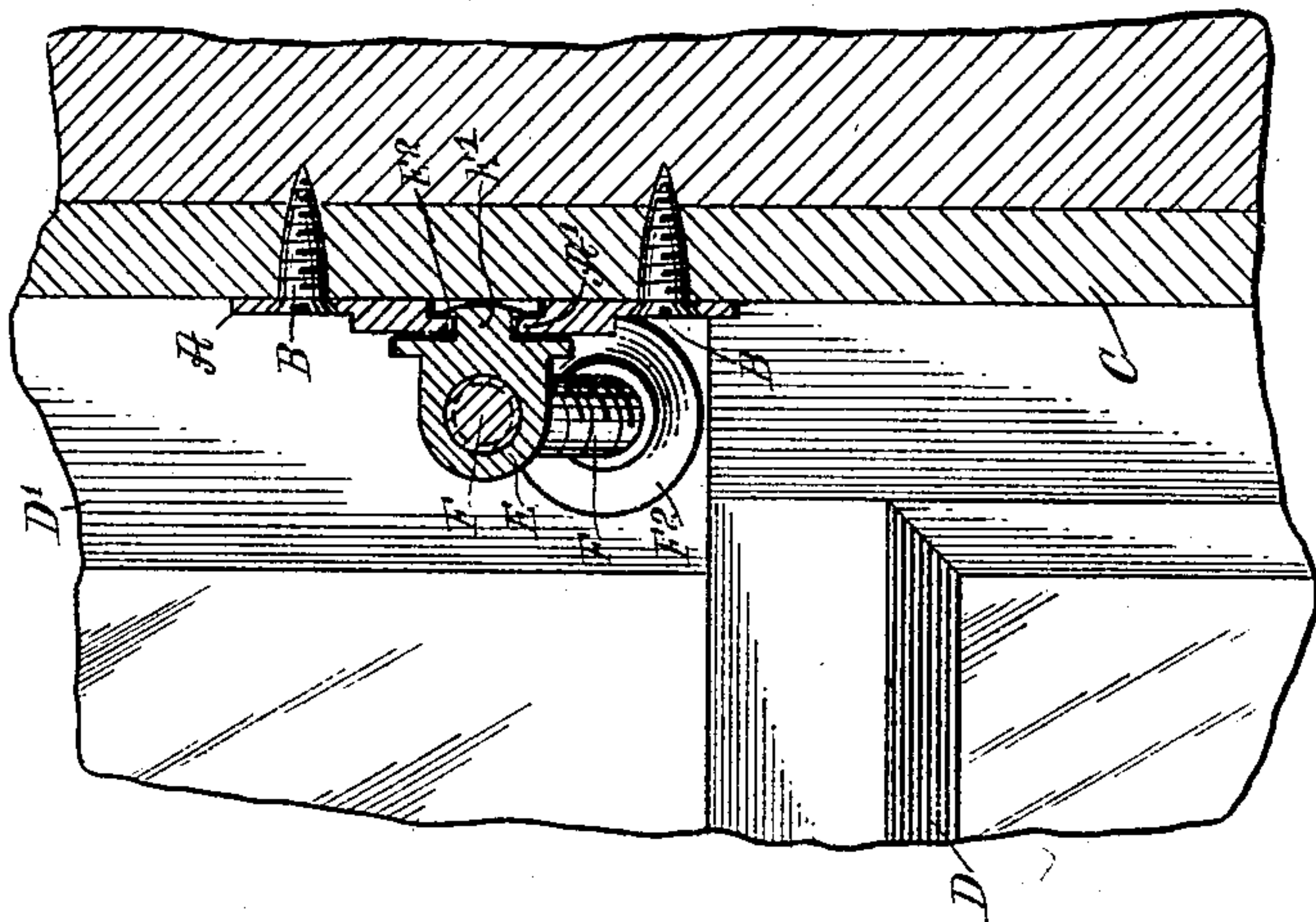
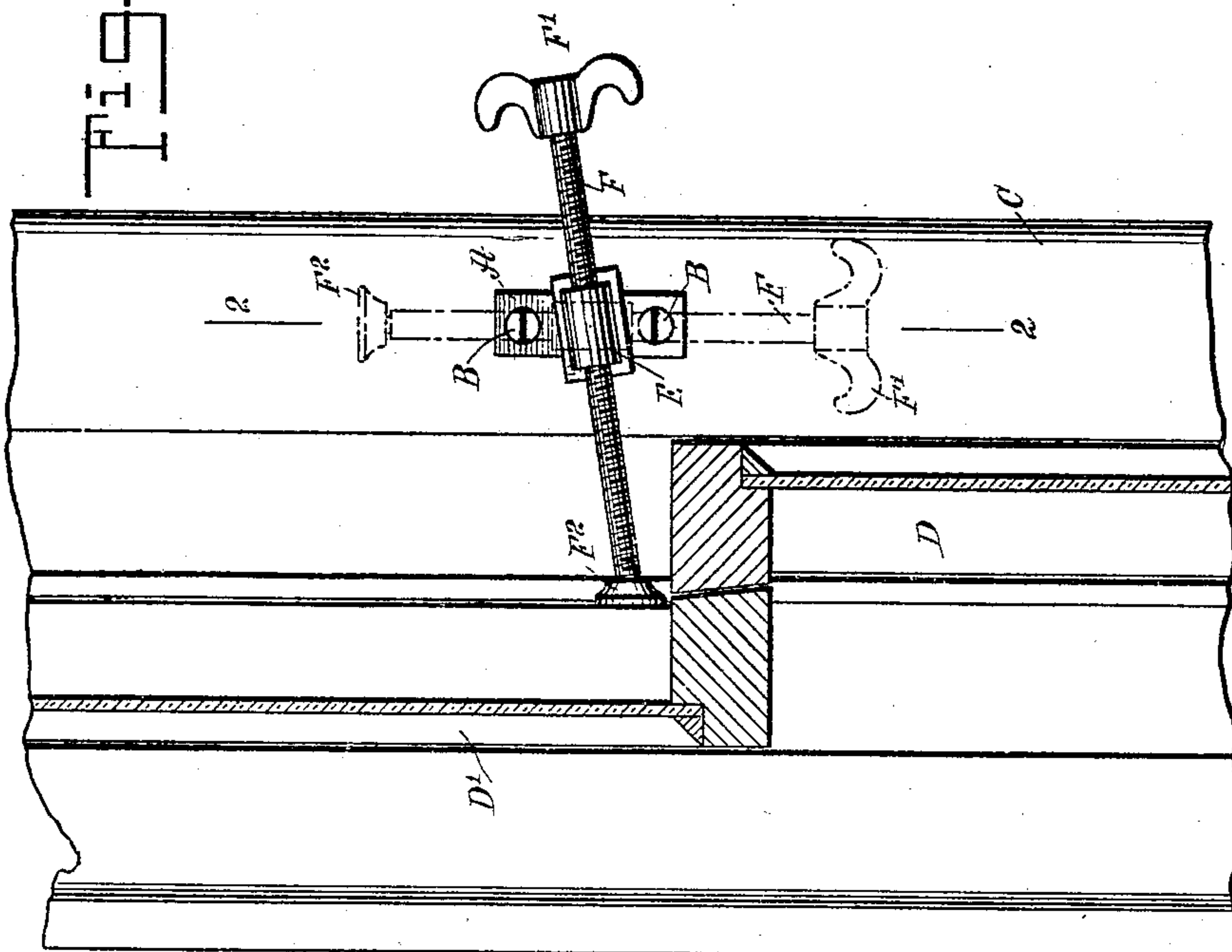


Fig. 1



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UNITED STATES PATENT OFFICE.

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WINDOW-FASTENER.

979,251.

Specification of Letters Patent. Patented Dec. 20, 1910.

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To all whom it may concern:

Be it known that I, CHARLES M. BERRY, a citizen of the United States, and a resident of the city of New York, borough of Manhattan, in the county and State of New York, have invented a new and Improved Window-Fastener, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved window fastener, arranged to securely fasten both the upper and lower sashes in closed position, and to hold the same against opening from the outside, at the same time preventing rattling.

For the purpose mentioned, use is made of a screw rod screwing in a nut mounted to swing in a bearing plate attached to the window frame, at a point immediately above the top of the lower sash at the time the latter is closed, so as to permit of extending the screw rod across the top of the lower sash, to engage the upper sash and thus lock both sashes against opening from the outside.

A practical embodiment of the invention is represented in the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in both views.

Figure 1 is a cross section of a window provided with the fastener, shown in active position for fastening the upper and lower sashes in place: and Fig. 2 is a sectional side elevation of the same on the line 2—2 of Fig. 1.

A bearing plate A is fastened by screws B to the stop bead C of the window frame, at a point somewhat above the top of the lower sash D, at the time the latter is in a closed position. On the bearing plate A is pivoted a nut E, in which screws a screw rod F, provided at its outer end with a handle F' and at its inner end with a head F², adapted to engage the upper sash D', as plainly indicated in Fig. 1. Now by the arrangement described, the nut E is mounted to swing so as to extend the forward end of the screw rod F across the top of the lower sash D, at the time the latter is in a closed position, and at the same time the head F² of the screw rod F engages the upper sash D', to lock the same against opening or downward movement. Now as the screw rod F extends across the top of the lower sash D, the latter cannot be pushed upward into an

open position, and consequently both sashes D and D' are held against opening. The bearing plate A and the nut E are so arranged that the screw rod F is slightly inclined in a downward direction, so that any upward movement of the lower sash D tightens the screw rod F relative to the upper sash D', thereby preventing opening of the sashes from the outside by unauthorized persons.

The head F² is movable on the end of the screw rod F (see for comparison full and dotted lines in Fig. 1), so that the full face of the head F² bears against the sash at the time the screw rod is inclined downwardly, as shown in Fig. 1, and hence a firm hold is had by the head F² on the upper sash D' to prevent the same from being opened. It will be noticed that the screw rod F may also be used for locking the lower sash D in a raised position, as the screw rod F is threaded its entire length and hence can be screwed inward to clear and allow of raising the lower sash D, after which the screw rod F may be screwed outward to engage and hold the lower sash D in the raised position.

When the device is not to be used for locking the sashes in place, then the operator unscrews the screw rod F, to disengage the head F² from the upper sash D', and then swings the screw rod F with its nut E into a vertical position, as indicated in dotted lines in Fig. 1, to move the screw rod F completely out of the path of the lower sash D, thus allowing an opening and closing of the sashes.

As shown in Fig. 2, the nut E is provided with a pivot E', engaging a corresponding bearing A' in the bearing plate A, and a head E² is riveted or otherwise formed on the pivot E', to engage the inner face of the bearing A', to hold the pivot E' in position in the said bearing.

By the arrangement shown and described, the pivot E and the bearing plate A can be readily assembled, and when assembled, the fastener can be quickly attached to the stop bead C by the screws B, as previously mentioned and shown in the drawings.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

A window fastener, comprising a bearing plate, a nut having a pivot engaging the said bearing plate, and a screw rod screwing

in the said nut and provided at one end
with a handle and at the other end with a
movable head, the threads of the screw rod
extending the entire length of the rod to
5 permit of engaging the said head with either
the upper or the lower sash, the said bearing
plate being arranged for attachment to the
window casing at a point above the top of
the lower sash at the time the latter is in a
10 closed position, to permit of extending the
screw rod in a downwardly-inclined direc-
tion across the top of the lower sash to en-
gage the full face of the screw rod head

with the upper sash, the screw rod when
completely retracted clearing the lower sash 15
to allow opening thereof and to engage the
head of the screw rod with the lower sash to
lock the latter in a raised position.

In testimony whereof I have signed my
name to this specification in the presence of 20
two subscribing witnesses.

CHARLES M. BERRY.

Witnesses:

THEO. G. HOSTER,
PHILIP D. ROLLHAUS.