

No. 687,052.

Patented Nov. 19, 1901.

J. J. McCORMICK.
WINDOW FASTENER.

(Application filed Nov. 5, 1900.)

(No Model.)

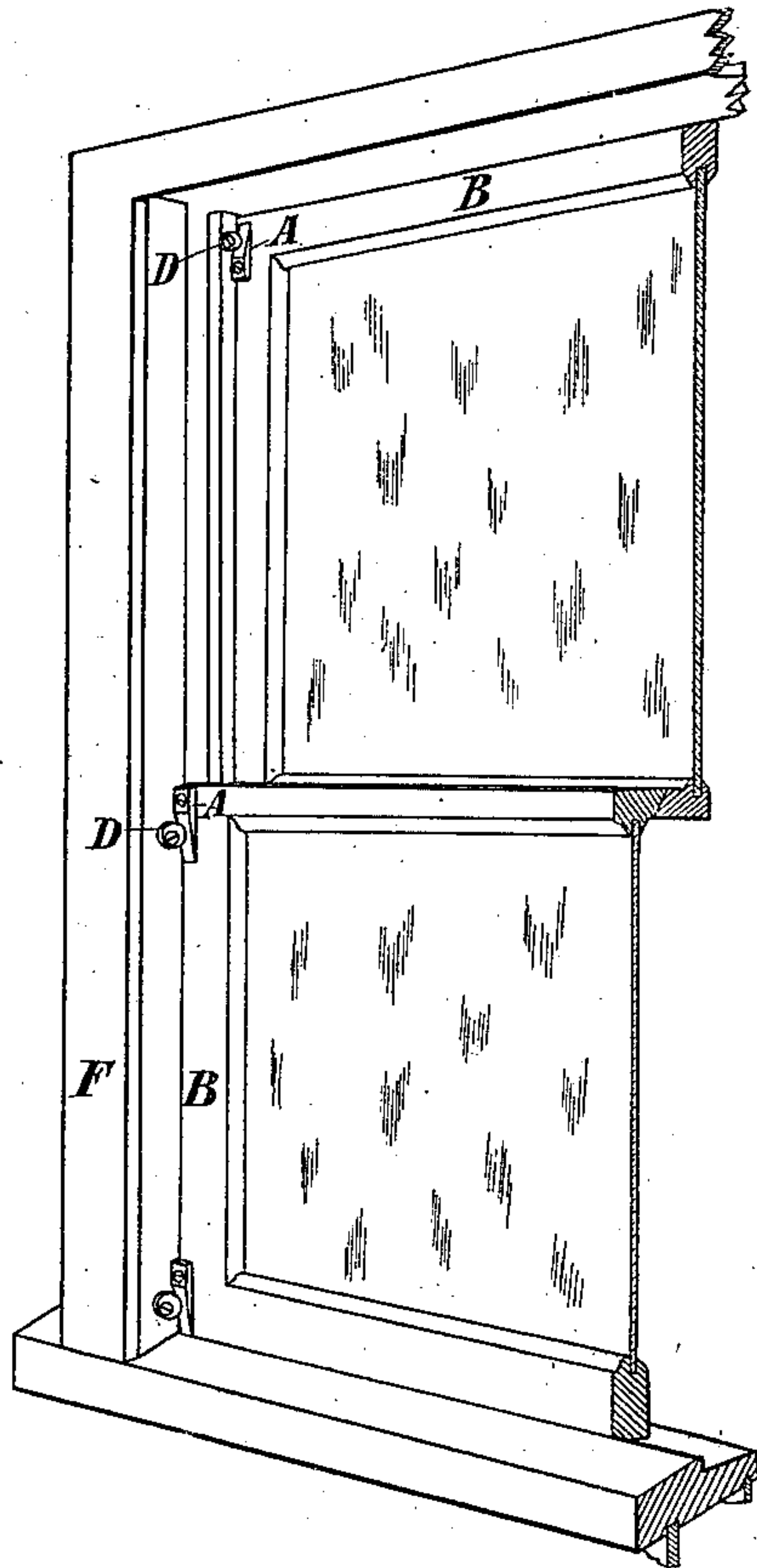


Fig. I.

Fig. II.

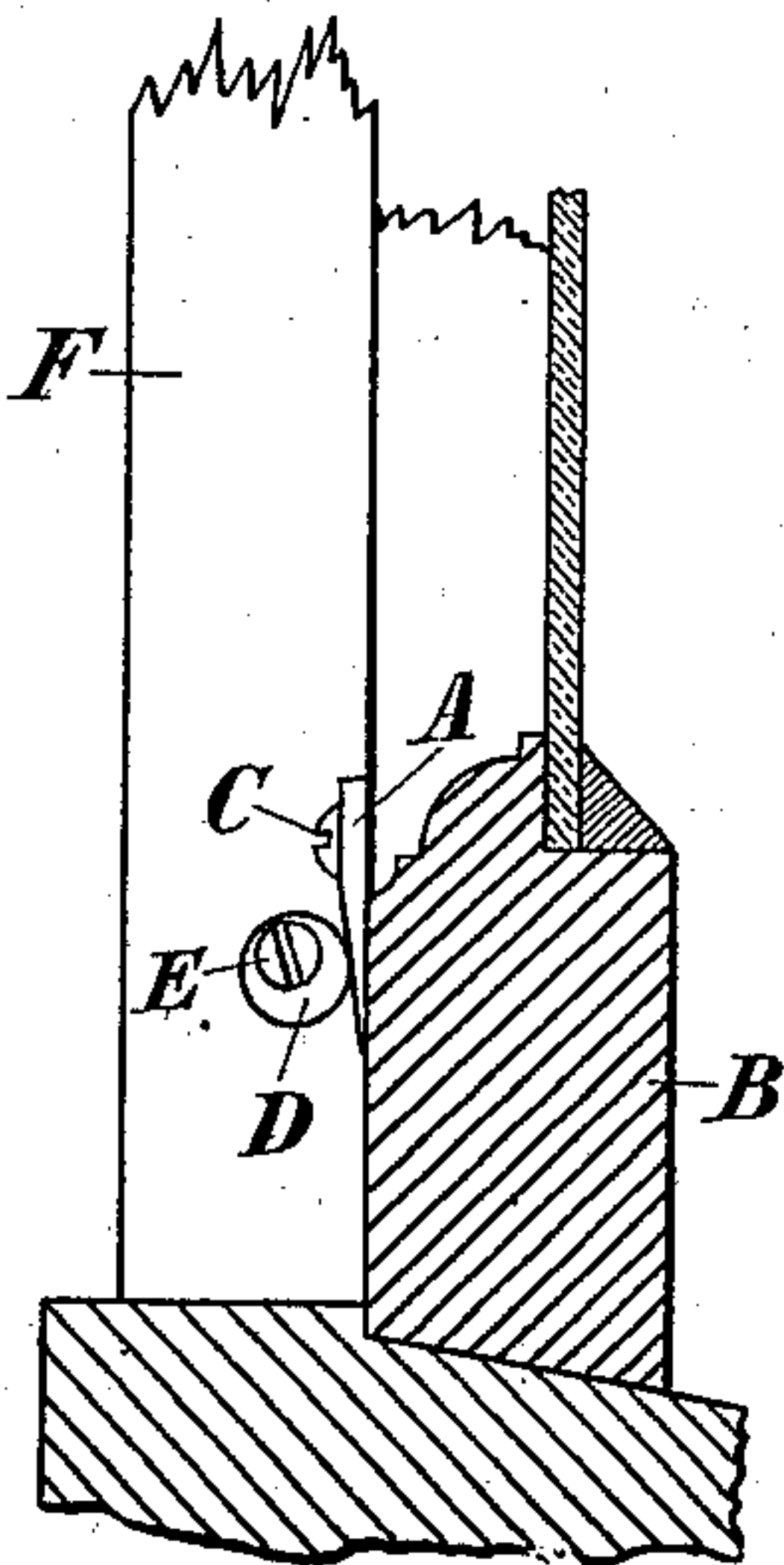
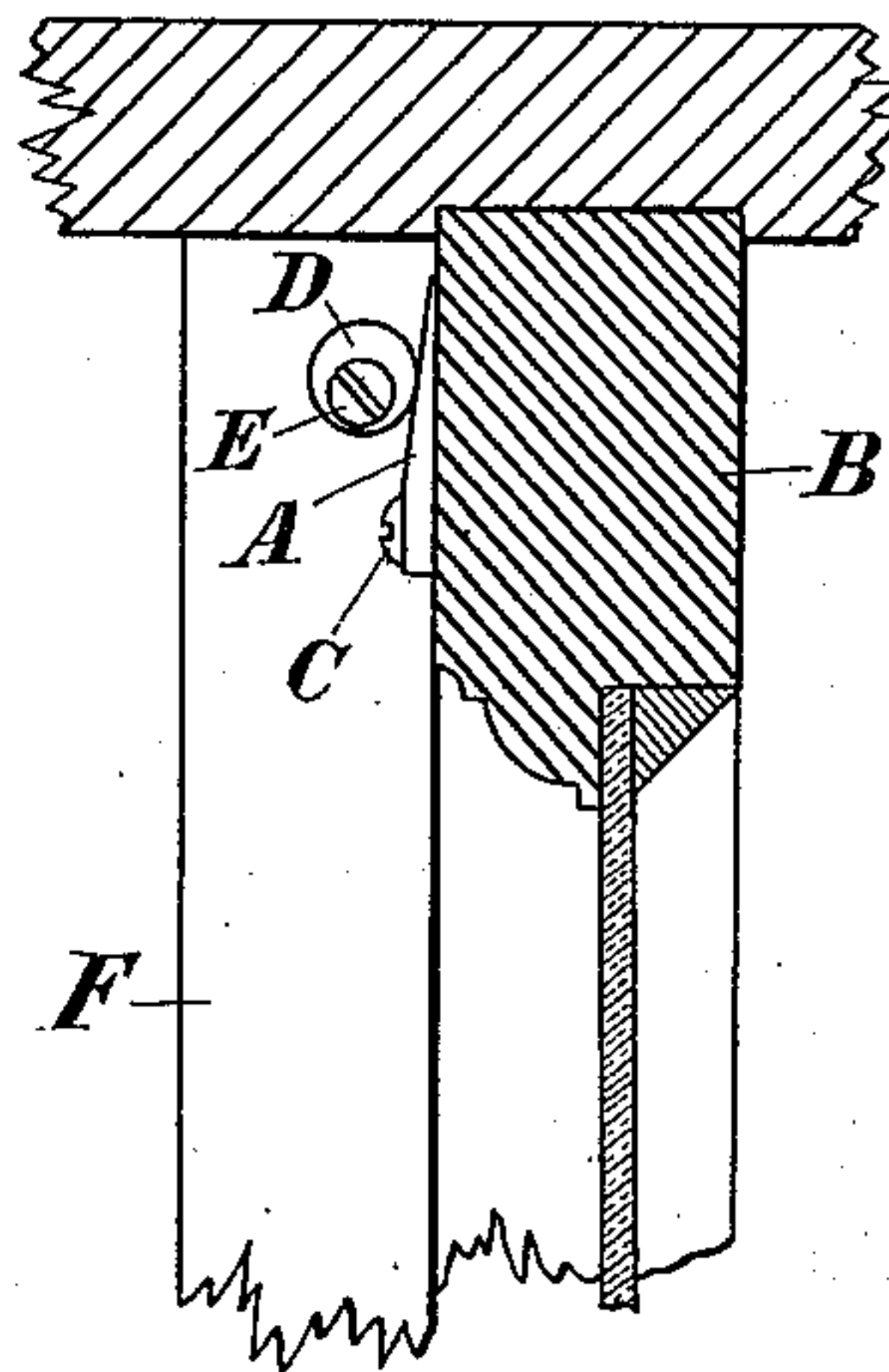


Fig. III.



Witnesses
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UNITED STATES PATENT OFFICE.

JOHN JOSEPH McCORMICK, OF SAN FRANCISCO, CALIFORNIA.

WINDOW-FASTENER.

SPECIFICATION forming part of Letters Patent No. 687,052, dated November 19, 1901.

Application filed November 5, 1900. Serial No. 35,518. (No model.)

To all whom it may concern:

Be it known that I, JOHN JOSEPH MCCORMICK, a citizen of the United States, residing at San Francisco, county of San Francisco, and State of California, have invented certain new and useful Improvements in Window-Fasteners; and I hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification.

My invention relates to devices to prevent the rattling of windows and to certain improvements therein whereby such devices are made adjustable, inexpensive, and are easily attached.

My improvement consists in an inclined wedge adapted to be fastened to a window-sash and an adjustable eccentric stop attached to the casing, as hereinafter particularly described in connection with the accompanying drawings, forming a part of this specification. The said improvement has several objects, one being to produce after the fastener is properly adjusted a uniform pressure upon the sash when closed without special attention; another to provide for simple readjustment in case of wear or shrinkage or other change in relative position of parts, but especially to provide a fastener that can be speedily and readily applied by the mechanic without the need for exact measurements and which will be automatic in its action, requiring no manipulation or special attention when properly adjusted.

Referring to the drawings, Figure I is a broken view in perspective of a window provided with my improved devices. Fig. II is a section through the sill and lower sash-rail of a common window, showing my improved fastening devices in elevation. Fig. III shows the same devices as applied to the upper sash of a window.

Similar letters of reference apply to like parts throughout.

My devices consist of a plain wedge A, that is attached to the sash B, preferably by a single screw C, two of these wedges at the bottom and two at the top, as indicated in Fig. I. To engage these wedges A, I employ circular disks D, drilled eccentrically to receive the screws E and attached to the sash-frame F, so as to constitute these disk cams, that can be set to produce the required pressure against a sash when the latter is raised or lowered to its extreme range. In this manner it will be seen that the fittings consisting of the two members A and D, each held by a single screw, are both mounted on the plane surfaces without cutting or marring the wood. To set the devices so as to gently press the sash outward and hold it from rattling, the cam-disks D are loosened and turned to the required position and again fastened.

I am aware that wedges and movable cams have been employed to fasten window-sashes and do not claim such devices as my invention; but

What I do claim, and desire to secure by Letters Patent, is—

In a window-fastener, the plain wedge A secured to the sash, in combination with the disk D, the latter secured rigidly to the sash-frame by a single eccentric fastening, whereby it is adjustable as and for the purpose specified.

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

JOHN JOSEPH McCORMICK.

Witnesses:

ALFRED A. ENQUIST,
A. BORCHARD.