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PATENTED SEPT. 8, 1908.

S. S. BROWN.

FASTENING DEVICE FOR OUTSIDE WINDOWS.

APPLICATION FILED JUNE 1, 1908.

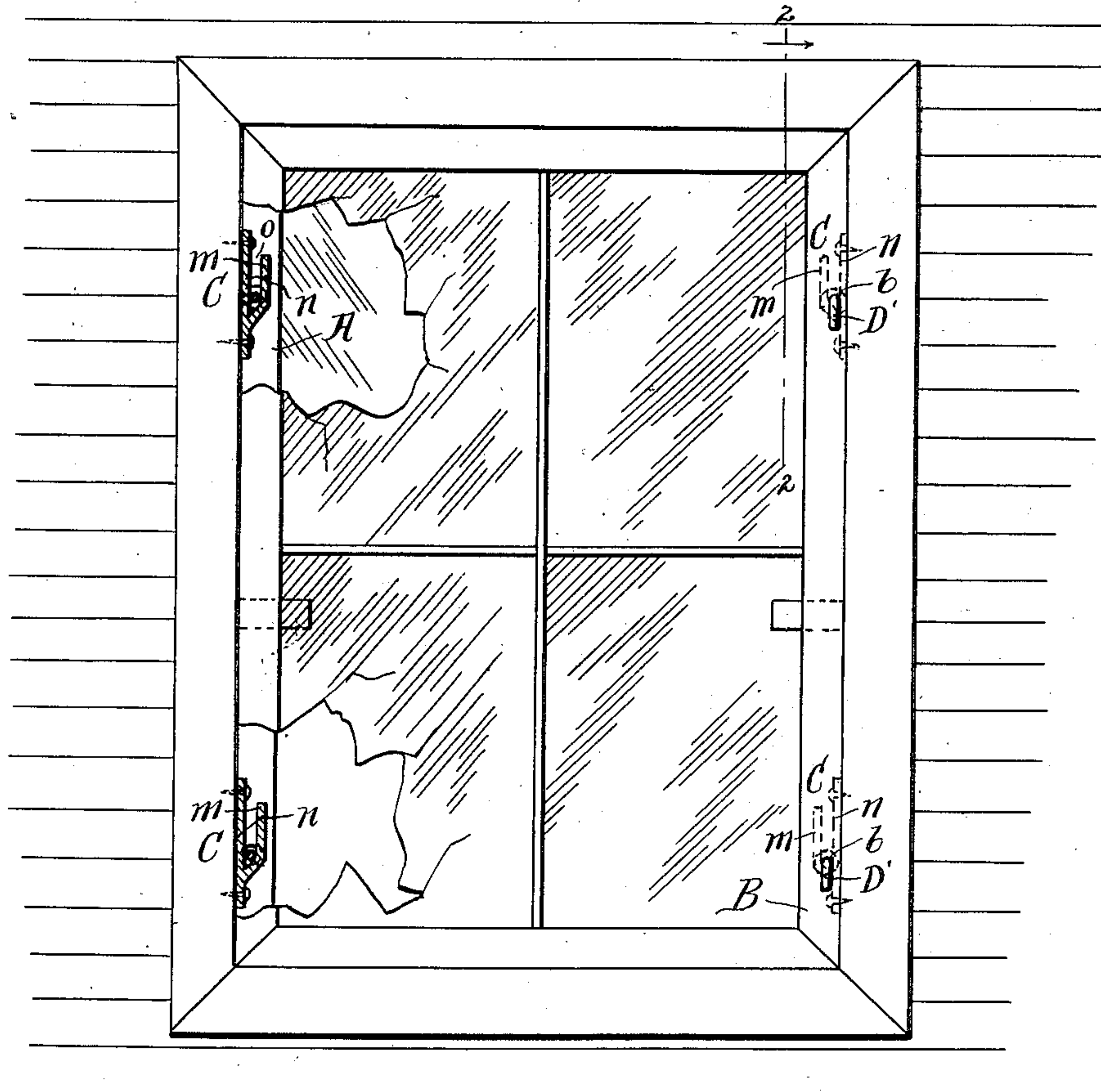


Fig. 1.

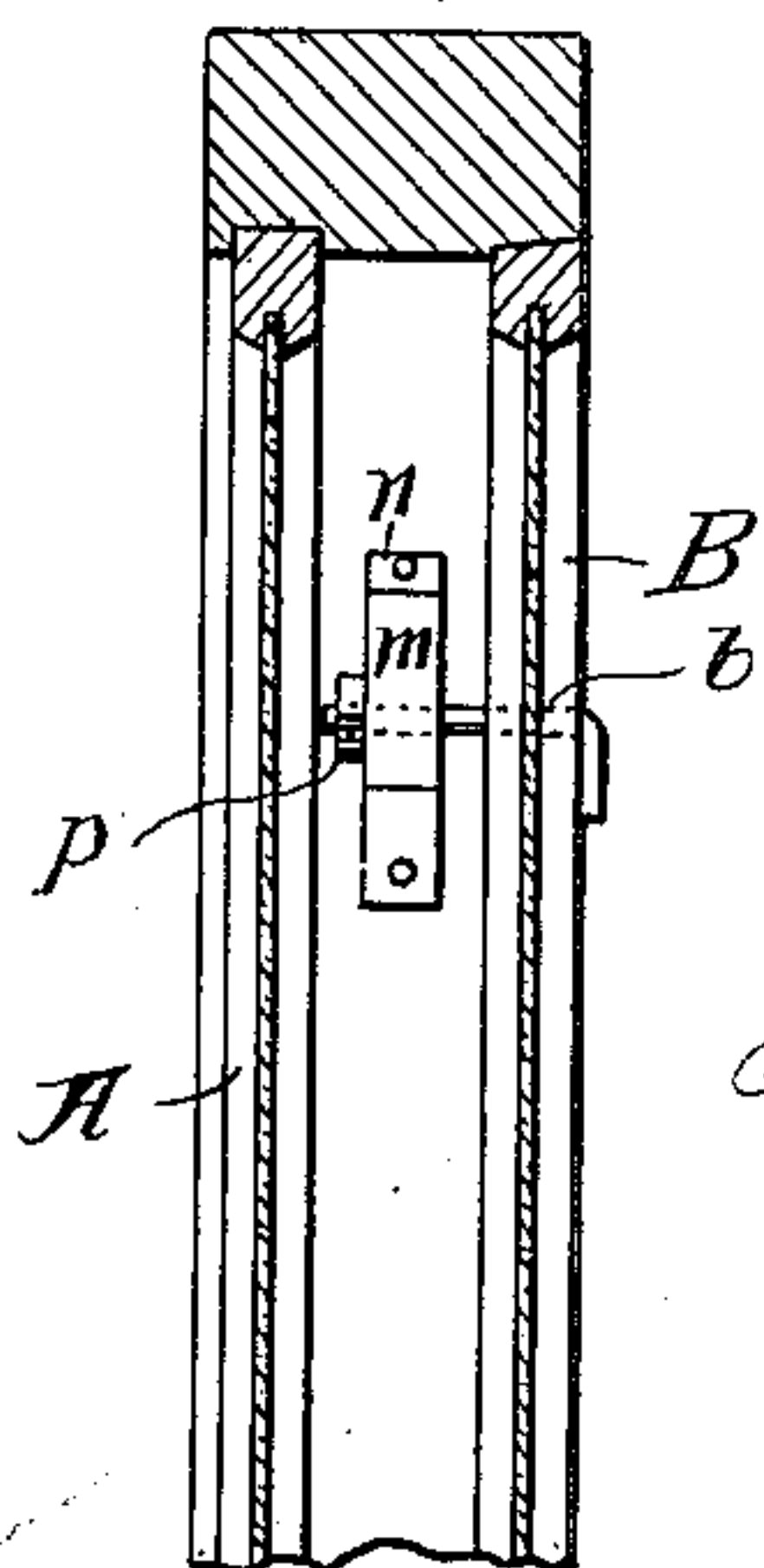


Fig. 2.

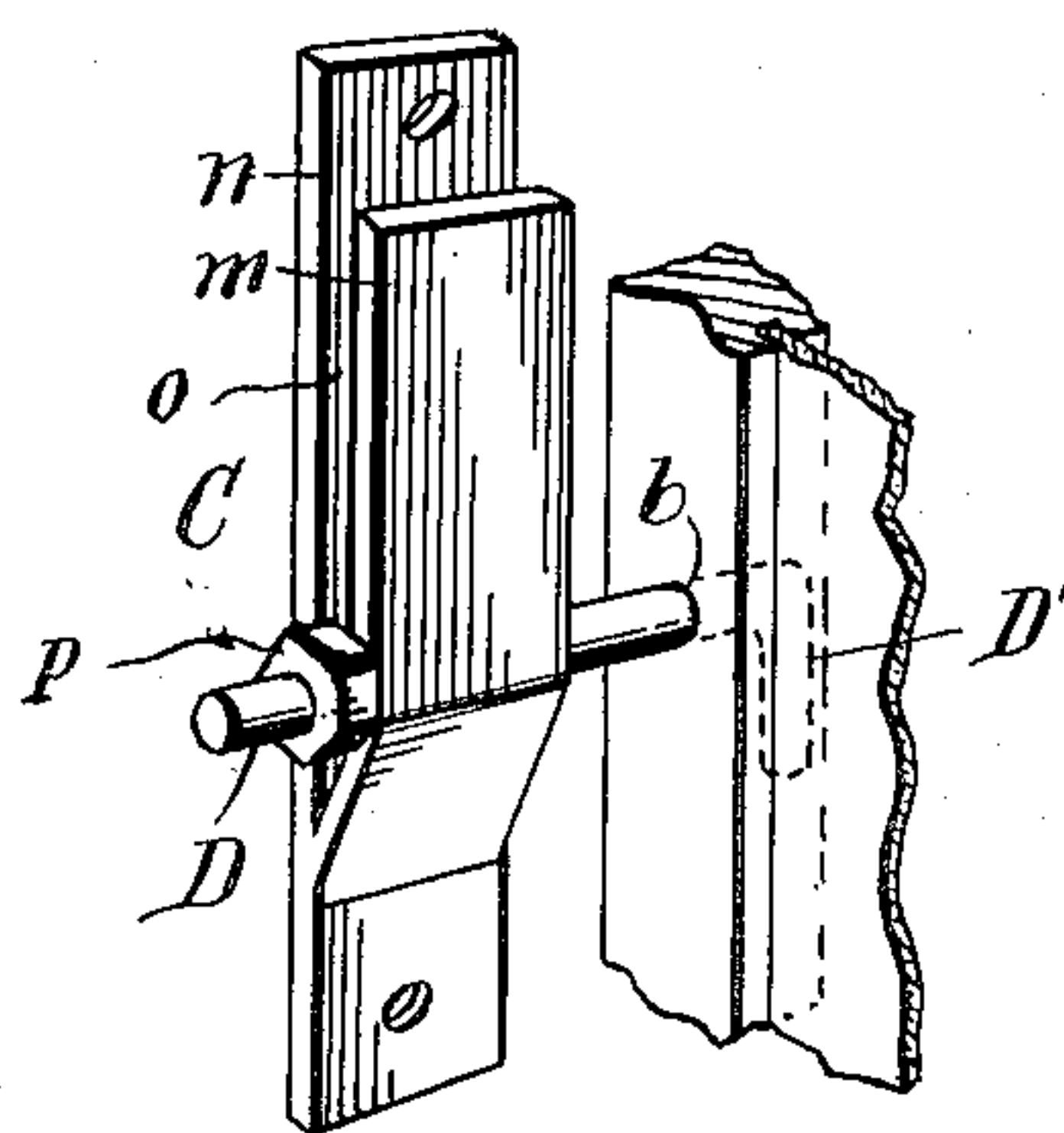


Fig. 3.

Witnesses

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UNITED STATES PATENT OFFICE.

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FASTENING DEVICE FOR OUTSIDE WINDOWS.

No. 897,871.

Specification of Letters Patent.

Patented Sept. 8, 1908.

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To all whom it may concern:

Be it known that I, SIMON S. BROWN, a citizen of the United States, residing at Waterville, in the county of Kennebec and State of Maine, have invented certain new and useful Improvements in Fastening Devices for Outside Windows; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to additional or outside windows for protection against cold weather and storms and to means for holding the same close to the casing of the ordinary window-frame; and it has more especial relation to devices of this kind which do not require the use of a ladder but permit the outside window to be set in place from within the room after opening the ordinary window.

To this end my invention consists in the construction and combination of parts hereinafter more particularly set forth and claimed.

In the accompanying drawings Figure 1 represents a front elevation of an outside window in place; Fig. 2, a vertical section of the same on the line 2—2 of Fig. 1; Fig. 3, a detail view of the bolt and the bracket which it engages.

A designates an ordinary window; B designates the outer window provided below the center with small handles to facilitate raising and placing it; and at a lower point with holes *b* from front to rear.

C designates a pair of brackets attached to the fixed window casing at points approximately corresponding to the holes *b*. Each of these has a pair of upwardly presented bifurcations *m* and *n* having a narrow space or slot *o* between them. The bifurcation *m* is shorter than the other, *n*, and is presented inwardly in a plane parallel to that of the window-panes, thus bringing said space *o* behind the hole *b* in each instance. A bolt D passes through each hole *b* being provided with a bent end D' which comes in contact with the exterior of the

said outside window, also with a nut *p* for its other end, which in use binds against the inner face of the proximate bracket C.

The operator, having raised the lower sash of the ordinary window A, passes the outside window B out through the opening thus made, brings it into vertical position with the two bolts D over the open ends of the slots *p*, lowers said outside window B slightly, bringing the bolts to the bottoms of said slots; then tightening the nuts *p* so that they will bear against the rear or inner faces of the bifurcations *m*, *n* and thus draw the outside window tightly against the window-casing, effectually covering the inside or ordinary window. Whenever said outside window works loose or is loosened by changes of temperature these nuts may be tightened to compensate therefor. Of course, when the outside window is to be taken in on the approach of warm weather, or for cleaning or repair, these nuts are loosened and the above described procedure reversed. There is no need in either case for a ladder or other means of access to the front of the building, since the removal of the outside window, as well as setting it in place, may easily be effected by reaching through the inner opening from within the room. Every part used is rigid, and will not weaken with time as would happen to resilient or flexible window-holding devices. The cooperating bolts and brackets are simple, strong and easily manufactured; and no other parts are used beside the two windows, the finger holds and the window-casing.

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

1. The combination of a pair of bifurcated brackets fixed to a window casing with an outside or additional window and bolts passed through the latter, to enter the spaces between the bifurcations of said brackets, the said bolts being provided with nuts, which bear against said brackets and with parts bearing against the exterior of said outside window substantially as set forth.

2. A removable outside window provided

with a pair of holes *b* in combination with a pair of bolts extending through said window and fixed slotted devices receiving said bolts, the nuts of the latter bearing against said devices behind the slots substantially as set forth.

In testimony whereof, I have signed my

name to this specification in the presence of two subscribing witnesses.

SIMON S. BROWN.

Witnesses:

FRANK E. BROWN,
HARRY H. DUNBAR.