

A. J. LOVEJOY.

Storm Window-Fastenings.

No. 144,684.

Patented Nov. 18, 1873.

Fig. 1.

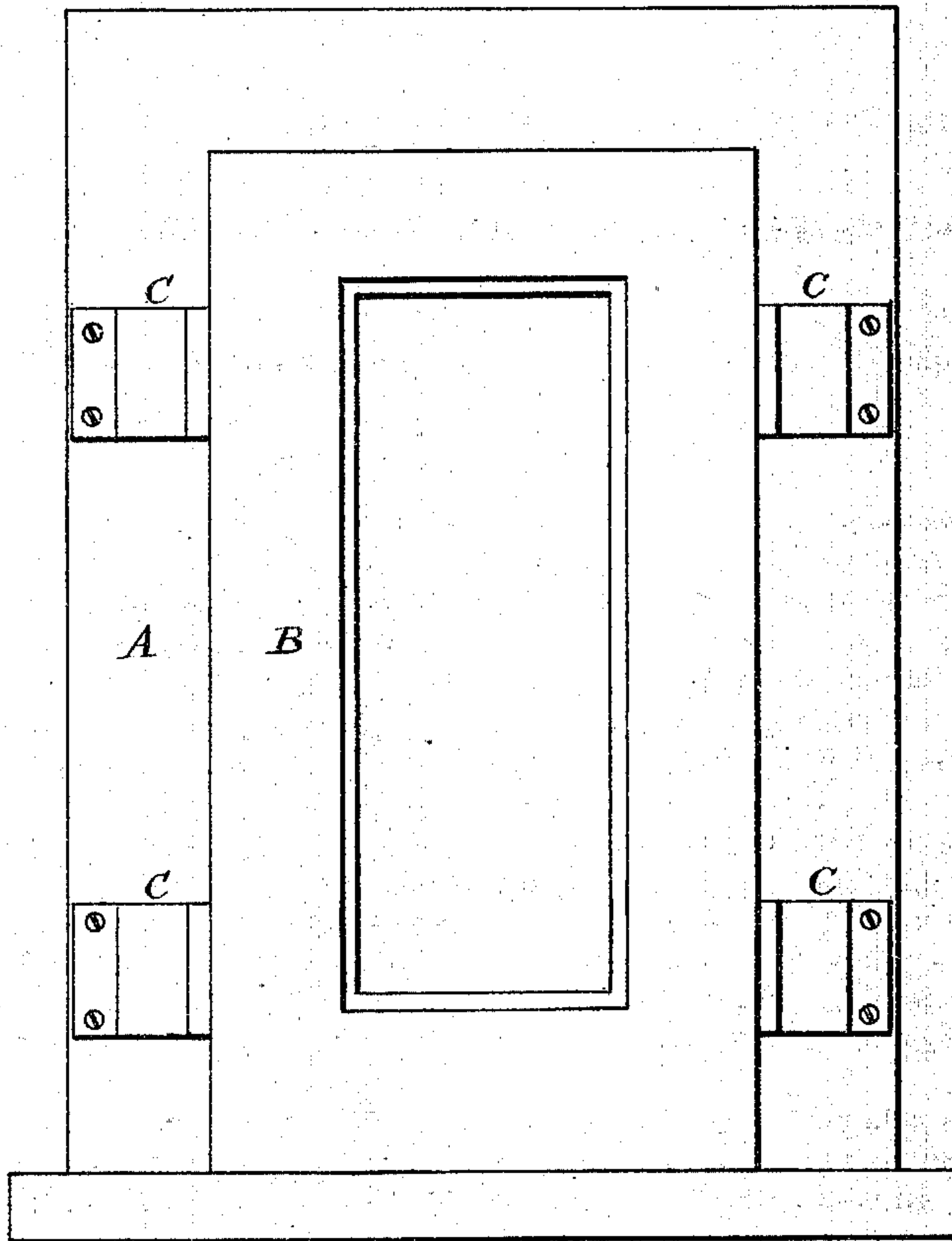


Fig. 2.

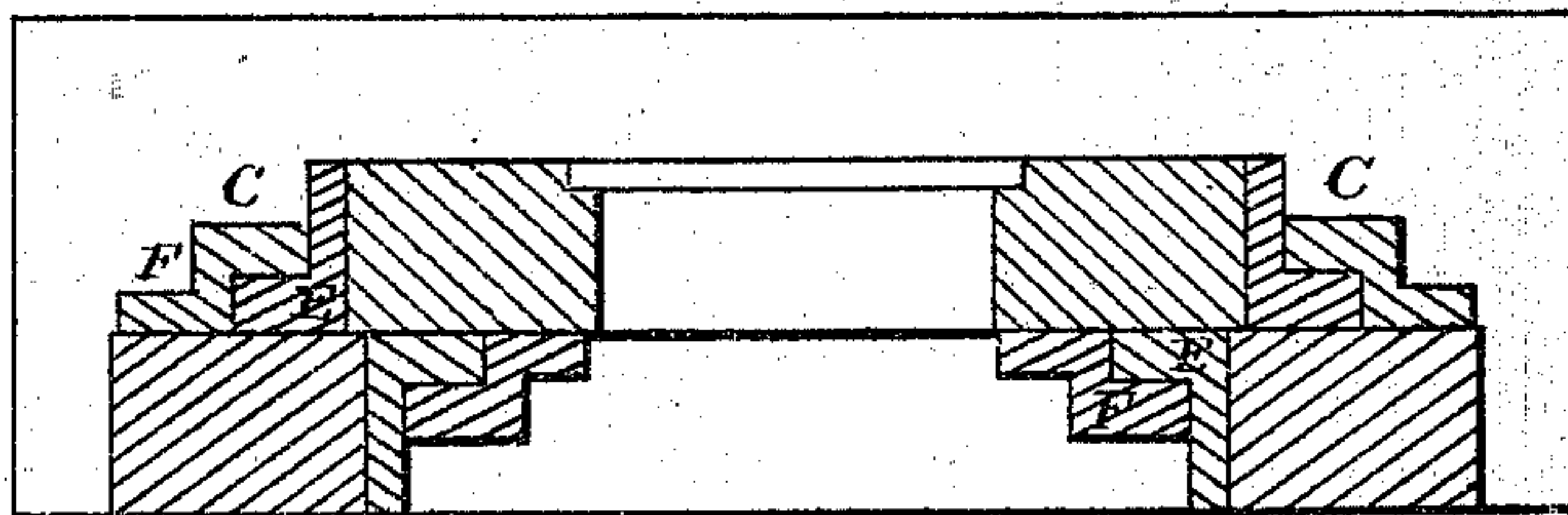


Fig. 3.

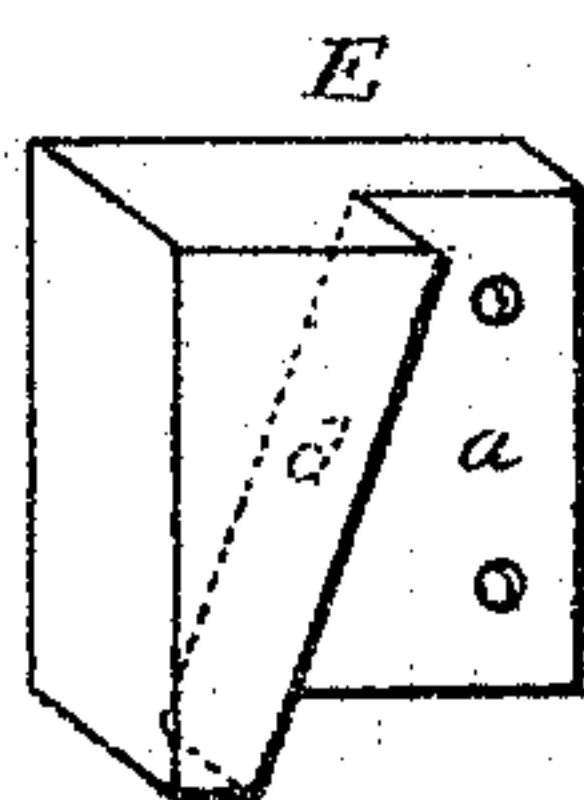


Fig. 4.

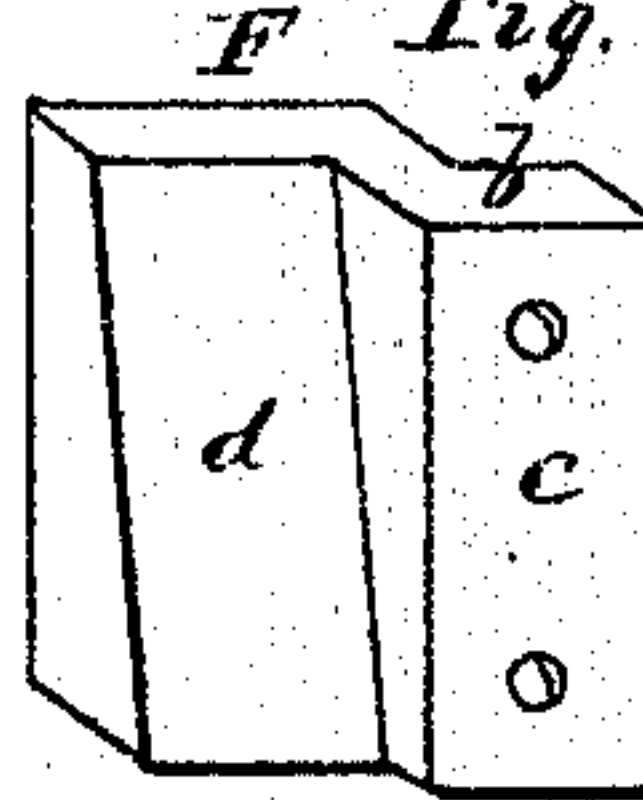


Fig. 5.



Witnesses.
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UNITED STATES PATENT OFFICE.

ADONIRAM J. LOVEJOY, OF AUGUSTA, MAINE, ASSIGNOR OF ONE-HALF
HIS RIGHT TO MARSHALL WHITHED, OF SAME PLACE.

IMPROVEMENT IN STORM-WINDOW FASTENINGS.

Specification forming part of Letters Patent No. **144,684**, dated November 18, 1873; application filed
April 26, 1873.

To all whom it may concern:

Be it known that I, A. J. LOVEJOY, of Augusta, in the county of Kennebec and State of Maine, have invented a new and valuable Improvement in Storm-Window Fastening; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a front view of my storm-window fastening. Fig. 2 is a cross-section of same. Figs. 3, 4, and 5 are detail views.

This invention has relation to means for securing auxiliary or storm windows, such as are used in northern or exposed localities; and it consists in the construction and novel arrangement of the reciprocally-beveled catches hereinafter described. The object of this invention is to provide fastenings for these storm-windows of such a nature that, while they will be thoroughly secure, but little time will be occupied either in the adjustment of the storm-windows or in their removal.

In the accompanying drawings, the letter A designates the fixed or ordinary window-frame of the house. B represents the auxiliary or storm window, usually smaller in size, and provided with a very limited amount of glazing. C indicates the set of keys or catch-plates, having the reciprocally-beveled faces *d d*. Of the set, one key or catch, E, is usually provided with a single flange, *a*, which is perforated, and serves as a means whereby the catch is secured to the outside edge of the storm-win-

dow; or it may be fastened to the inside edge of the frame of the fixed window. Both of these arrangements are illustrated in the drawings, but it is hardly ever necessary to fasten the storm-window in the double way indicated. F indicates the fellow key. This is provided with the angular attaching-flange *b*, suitably perforated through its outer wing *c* for the passage of the fastening-screws. The beveled face *d* of this catch is reversed in position with reference to that of the catch E. The catch F is designed to be secured to the inside face of the frame of the storm-window, or to the outside face of the frame of the main window.

After the catches or keys are secured in their proper places, four pairs being ordinarily used for one window, the storm-window may be adjusted in place in a moment by dropping its keys into the catches of the main frame. It will then slip home on the bevels of the catches by its own gravity, thus becoming firmly seated in its bearings, and in close contact with the frame of the main window.

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

The storm-window fastenings E and F, having the reciprocally-beveled bearing-faces *d*, substantially as specified.

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

ADONIRAM J. LOVEJOY.

Witnesses:

WM. P. WHITEHOUSE,
HERBERT BLAKE.