

E. M. DEVER.
SASH-HOLDERS.

No. 194,512.

Patented Aug. 28, 1877.

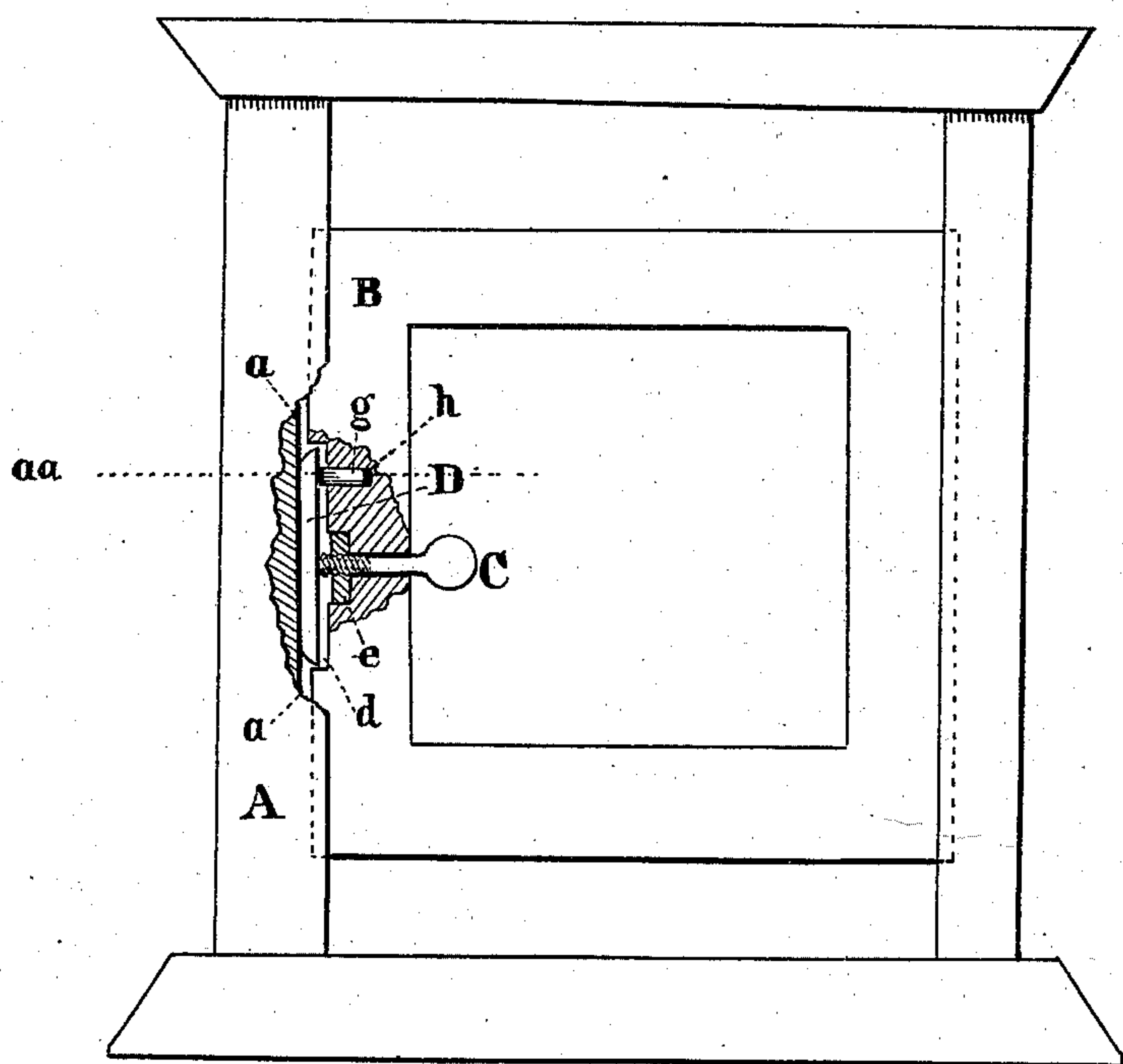


Fig. 1.

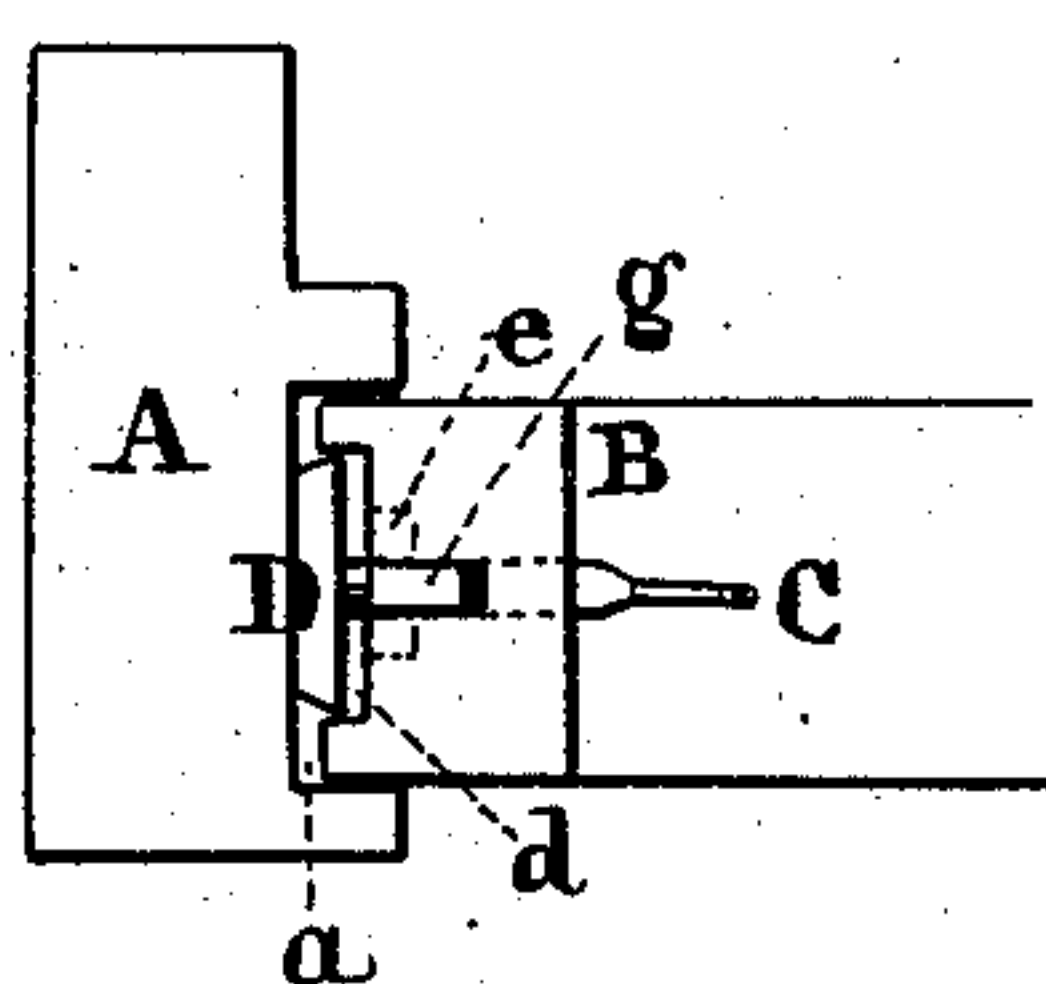


Fig. 2.



Fig. 3.

Witnesses.
John Alexander,
Clarence Thirlow.

Edward M. Dever
by E. Thirlow, Atty in fact

UNITED STATES PATENT OFFICE.

EDWARD M. DEVER, OF PEORIA, ILLINOIS.

IMPROVEMENT IN SASH-HOLDERS.

Specification forming part of Letters Patent No. **194,512**, dated August 28, 1877; application filed June 25, 1877.

To all whom it may concern:

Be it known that I, EDWARD M. DEVER, of Peoria, in the county of Peoria, in the State of Illinois, have invented an Improvement in Sash-Fastenings for Windows; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the annexed drawings, making a part of this specification, in which like letters of reference refer to like parts, and in which—

Figure 1 represents a sectional elevation; Fig. 2, a horizontal section on line *a a*, Fig. 1; Fig. 3, a perspective view of bolt.

The object of this invention is to furnish an effective and simple window-sash stop or lock, which shall not mar or notch the sash-channel or any other part of the window-frame.

It consists of a screw-bolt set horizontally in the side of the sash-frame, with its axis in the plane of the sash, so as to be capable of projection into the sash groove or channel of the window-frame by means of its thread and of its stem or handle, which projects from the sash in the opposite direction.

The head of the screw is armed with or abuts against a shield or plate of sufficient size to confer a broad bearing upon said bolt against the bottom of the sash-channel, for the double purpose of obtaining a good hold when the bolt is screwed tight, and to prevent the defacement or abrasion of the paint in said channel.

The screw or bolt is provided with a nut or threaded socket let into the outer edge of sash—that is to say, that part which travels in the channel mentioned.

The plate or armature of the bolt is provided with a pin or pins projecting from that surface next to the sash, which enter a corresponding socket in the sash-edge above or on

either side of the bolt, and parallel with the latter, in such a manner that the plate, if not otherwise attached to head of the bolt, may hang vertically over and cover the head of the same in such a manner as to move outward with the bolt, and in front of the latter when impelled, all as hereinafter more fully described and claimed.

The operation of the whole is to jam the sash against the opposite side of the frame of the window to that at which the fastening is projected or applied.

The plate may, when very nice work is required, or when the windows and frames fit closely in the channels, be provided with a corresponding recess for it to retire into the edge of the sash behind it.

The usual form in which I construct this fastening is as follows: In the drawings, A is the window-frame; *a*, the sash-channel; B, the sash; C, the fastening-bolt; *e*, its retaining-nut let into a recess in the sash-edge, which faces the channel *a*; D, the plate; *g*, its socket-pin; *d*, recess to receive the plate, (though this feature is not always necessary;) *h*, the plate-pin socket.

What I claim as my invention is—

The combination, with the screw-bolt and nut C *e*, of the plate D, having pin *g* arranged in connection with socket *h*, with or without plate-socket *d*, substantially as and for the purpose described.

In testimony that I claim the foregoing sash-fastener I have hereunto set my hand this 18th day of June, A. D. 1877.

EDWARD M. DEVER.

Witnesses:

J. M. MORSE,
H. W. WELLS.