

No. 658,259.

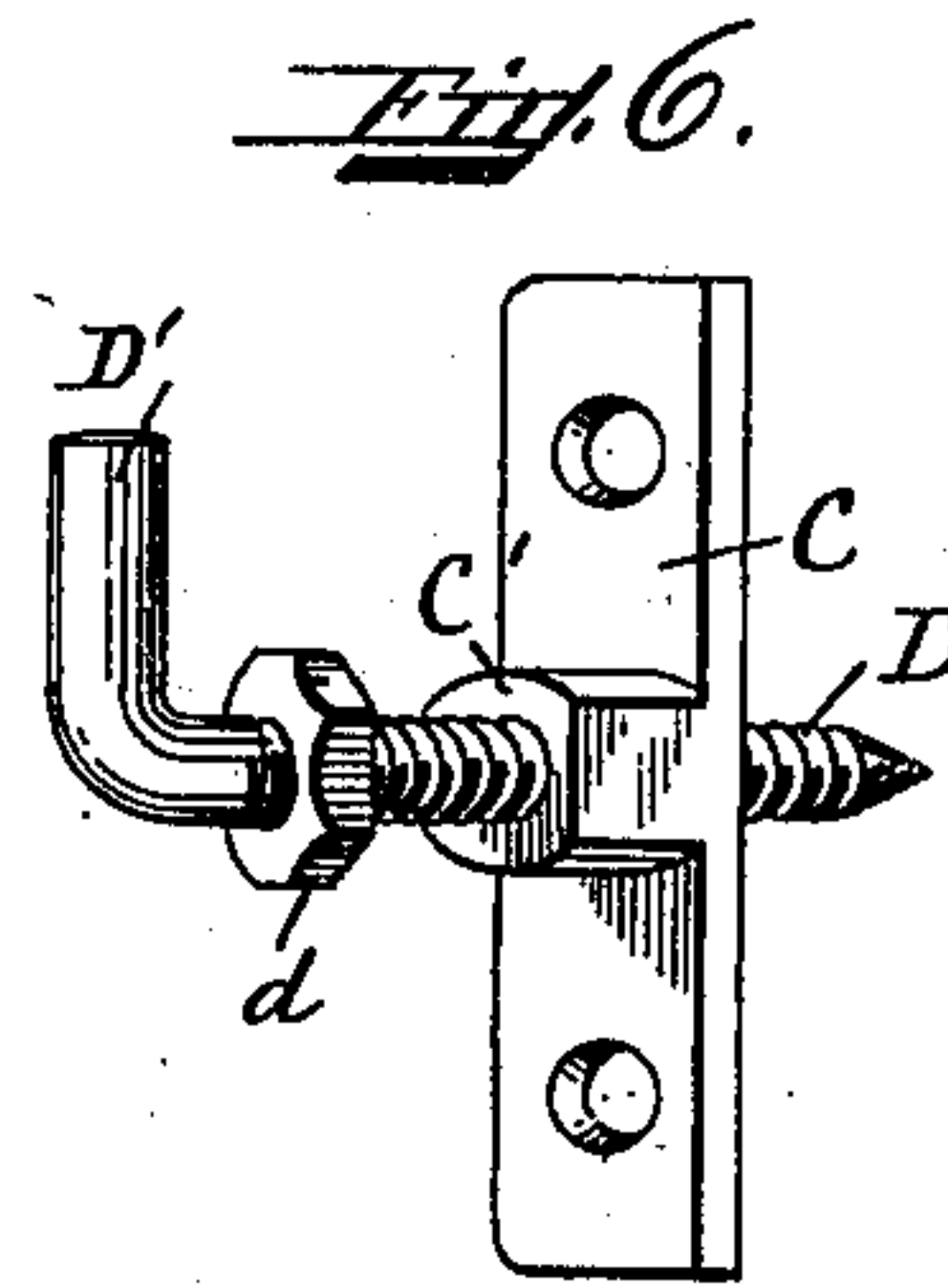
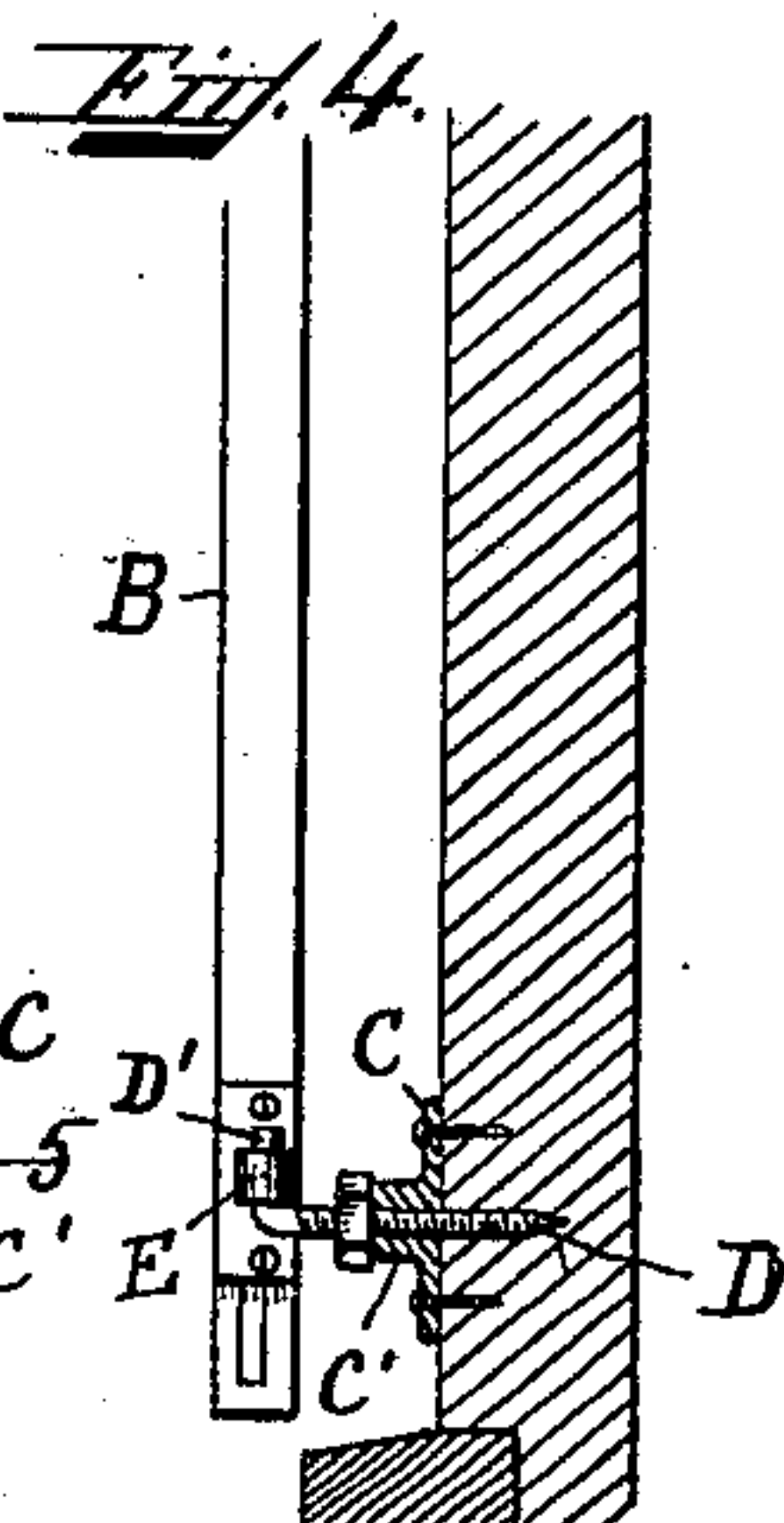
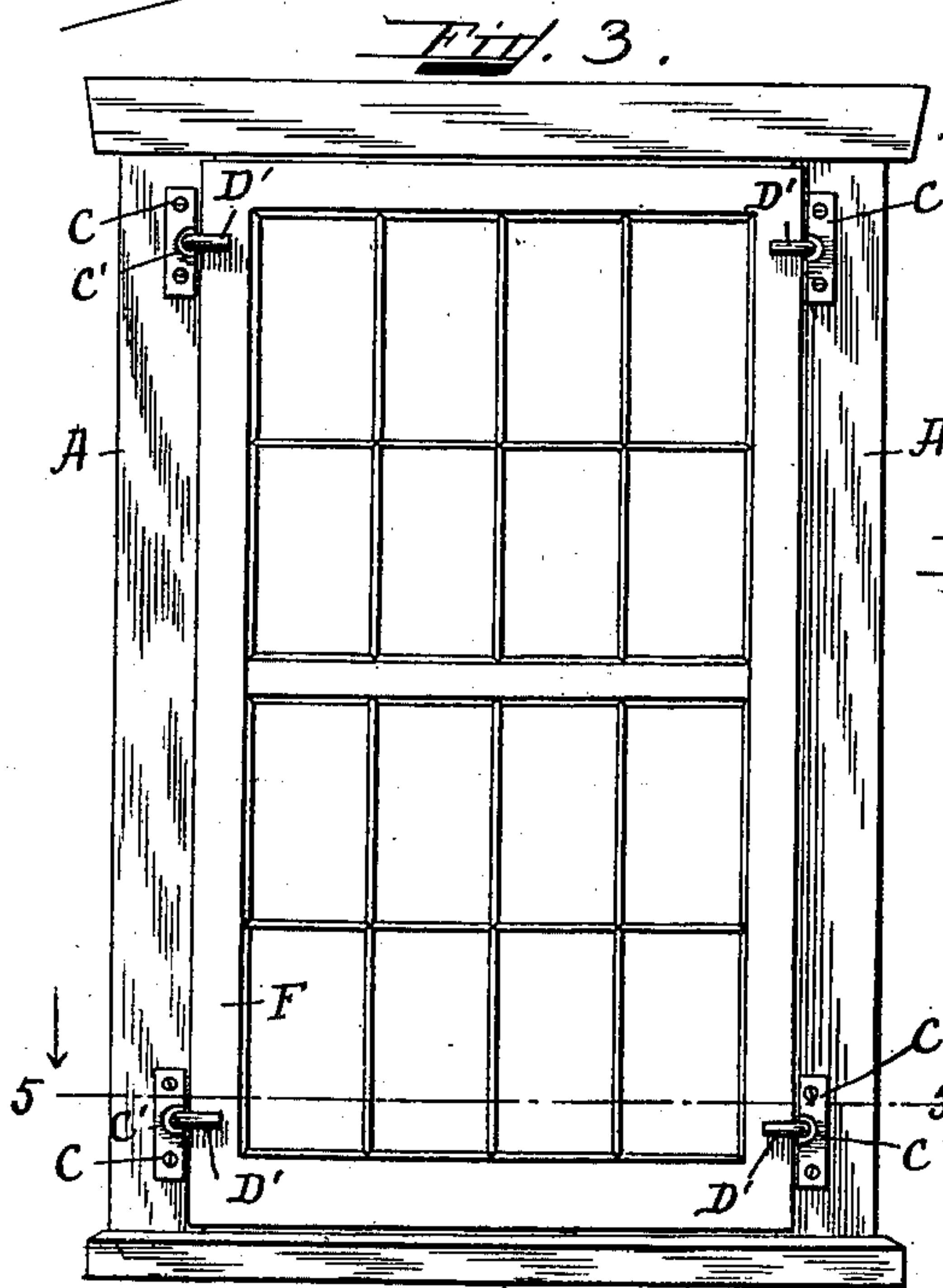
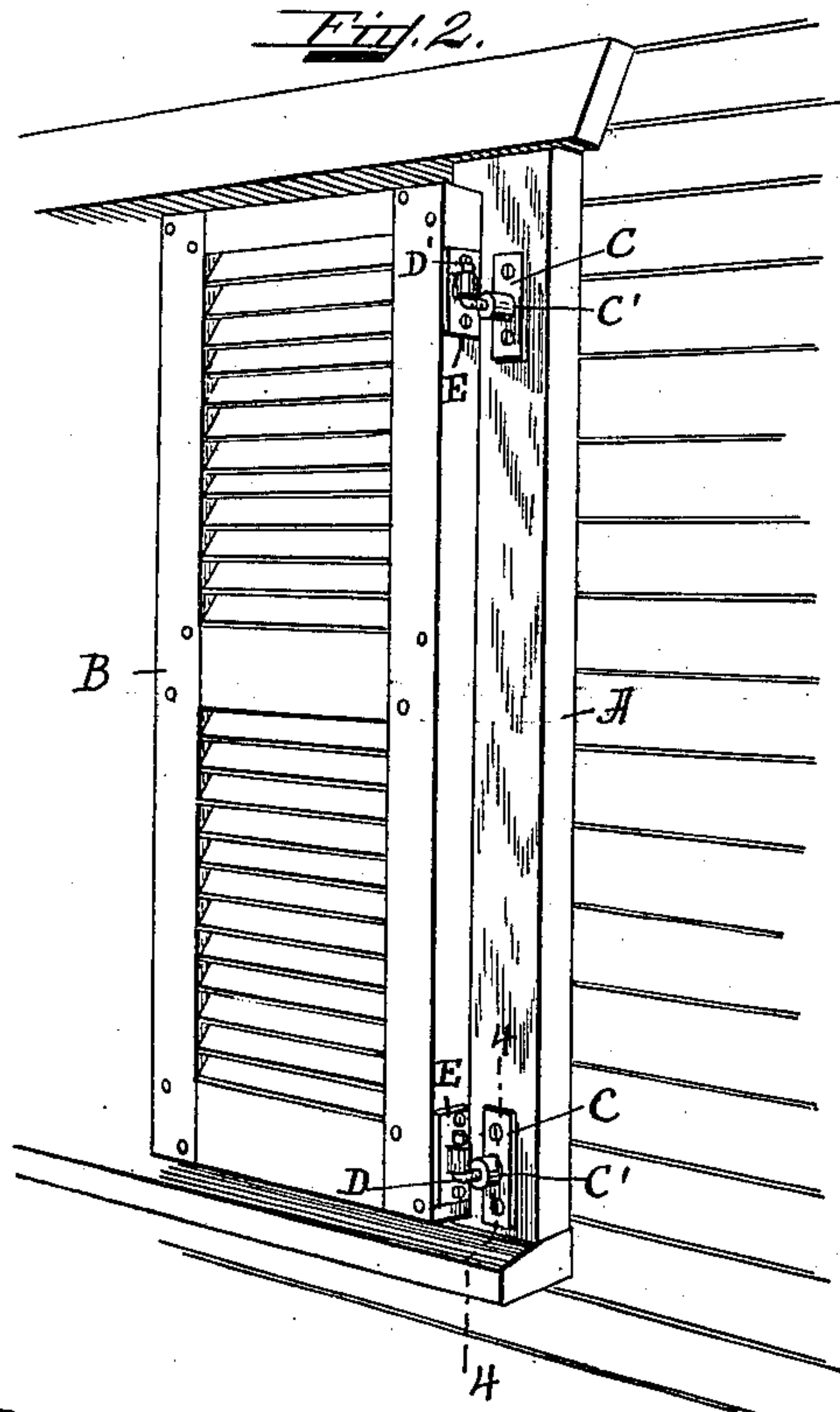
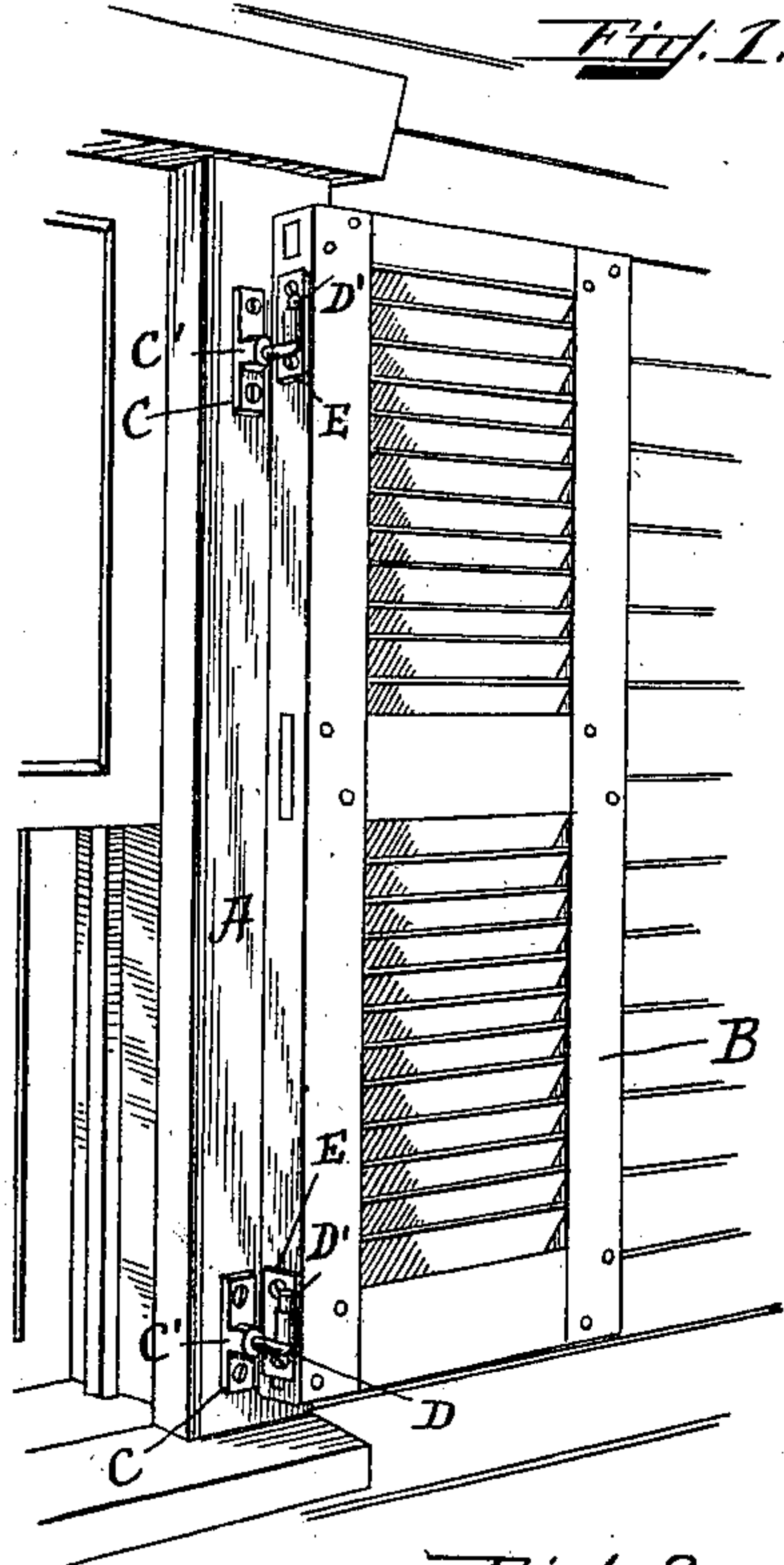
Patented Sept. 18, 1900.

R. W. HARLOW.

COMBINED BLIND HINGE AND STORM WINDOW FASTENER.

(Application filed Apr. 26, 1900.)

(No Model.)



Witnesses: Henry R. Page
Samuel J. Craddock

Robert W. Harlow
Inventor: *Wm. F. Judson*
his atty.

UNITED STATES PATENT OFFICE.

ROBERT W. HARLOW, OF BEVERLY, MASSACHUSETTS.

COMBINED BLIND-HINGE AND STORM-WINDOW FASTENER.

SPECIFICATION forming part of Letters Patent No. 658,259, dated September 18, 1900.

Application filed April 26, 1900. Serial No. 14,369. (No model.)

To all whom it may concern:

Be it known that I, ROBERT W. HARLOW, a citizen of Great Britain, residing at Beverly, in the county of Essex and State of Massachusetts, have invented new and useful Improvements in a Combined Blind-Hinge and Storm-Window Fastener, of which the following is a specification.

This invention relates to improvements in a combined blind-hinge and storm-window or storm-door fastener, and it is carried out as follows, reference being had to the accompanying drawings, wherein—

Figure 1 represents a perspective view showing the device used as a hinge applied to a blind, shown as swung open. Fig. 2 represents a similar view showing the blind closed. Fig. 3 represents a front elevation of a storm-window and showing the device used as a fastener for holding the storm-window in place. Fig. 4 represents a vertical section on the line 4 4, shown in Fig. 2. Fig. 5 represents a horizontal section on the line 5 5, shown in Fig. 3; and Fig. 6 represents a detail perspective view of the combined blind-hinge and storm-window fastener.

Similar letters refer to similar parts wherever they occur on the different parts of the drawings.

A A represent the jambs or uprights of a window-frame, as usual, and B in Figs. 1 and 2 represents one of the blinds or shutters. To the outside of each jamb are secured two or more metal plates C C, each provided with an integral laterally-projecting boss or hub C', which is internally screw-threaded, and through it is screwed the screw-threaded shank D, the inner end of which is preferably screwed into the jamb A or window-frame, as shown in Fig. 4. Each of the plates is securely fastened to the jamb by two or more screws or similar fastenings, as shown. The outer end of the screw-threaded shank D is bent at a right angle, as shown at D' in the drawings, and when used as a hinge it is turned upward to receive the hinge E, secured to edge of the blind, as shown in Figs. 1, 2, and 4. I provide the screw-threaded

shank D with a check-nut d for the purpose of rigidly securing said shank in position to the hub or socket C' after it has been adjusted in position. If it is desired to use the device as a storm-window fastener, I unhinge the blinds and place the storm-window F in position, as shown in Figs. 3 and 5, after which I turn the shanks D about a fourth of a revolution, causing the angular portion D' to project outside the storm-window, thus securing it firmly in place, as represented in said Figs. 3 and 5. By this simple arrangement it will be seen that the hinge-pin may readily be used for the purpose of firmly securing the storm-window outside the window-frame without the need of any other fastening devices.

I have described my invention as applicable to window-blinds and storm-windows; but it is equally well adapted for hinging screen-doors and securing storm-doors when so required.

What I wish to secure by Letters Patent and claim is—

The herein-described window and door attachment, comprising a metallic plate having means for attaching the same to a window or door frame and provided with an integral outwardly-projecting and internally-threaded hub or boss, a threaded shank screwed through said hub or boss and provided at its outer end with a bent portion projecting approximately at a right angle to the shank, and a lock-nut screwed on the threaded shank into engagement with the outer end of the hub or boss, said bent shank being adapted to be turned to either a vertical or horizontal position and locked in either of said positions by the lock-nut and serve as a hinge-pintle or storm-window fastener, substantially as and for the purpose specified.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

ROBERT W. HARLOW.

Witnesses:

ALBAN ANDRÉN,
KARL A. ANDRÉN,