

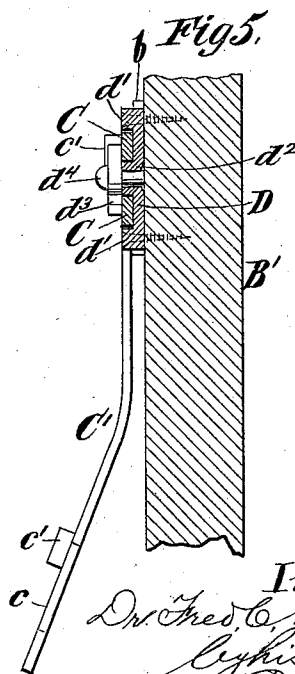
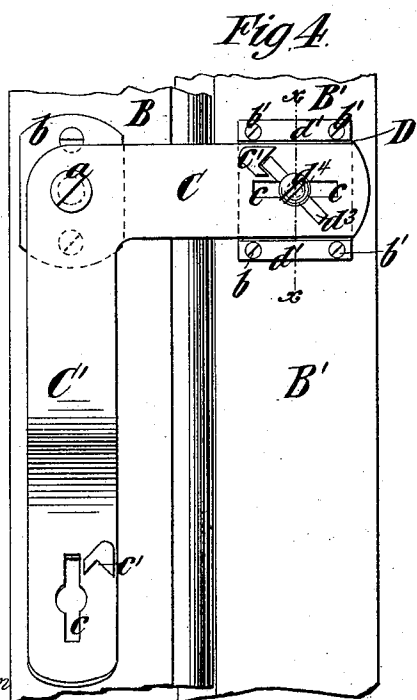
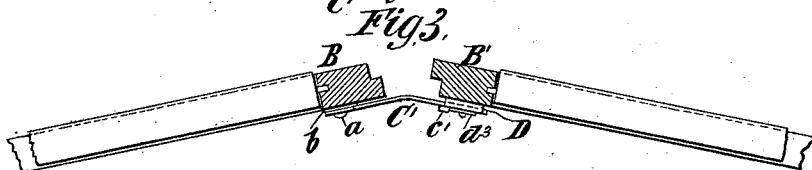
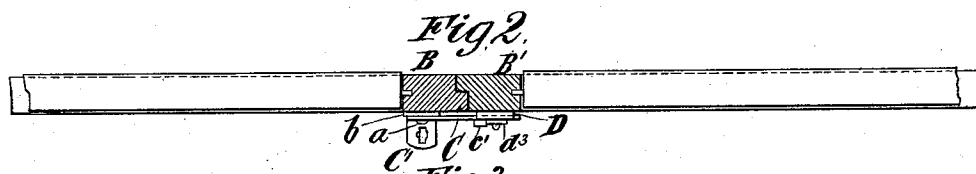
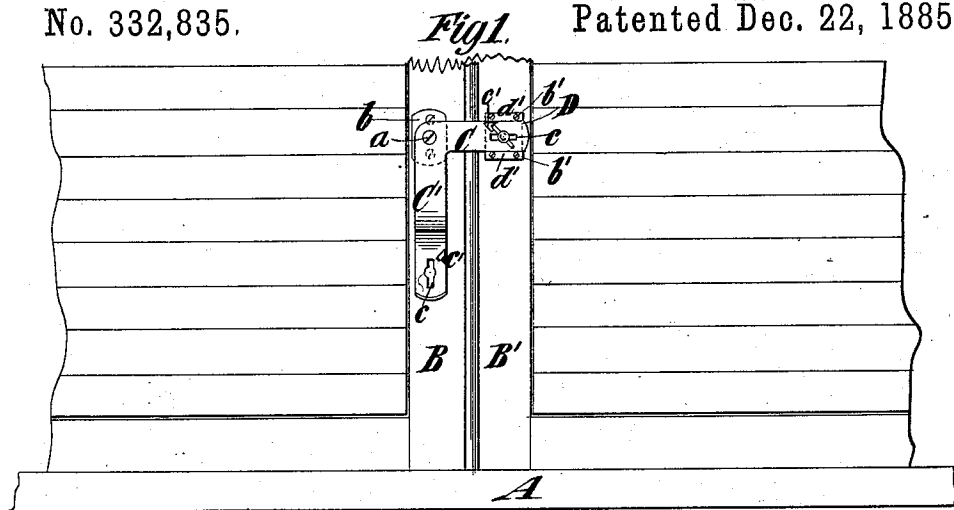
(No Model.)

F. C. ROBINSON.

COMBINED SHUTTER FASTENER AND SHUTTER BOWER.

No. 332,835.

Patented Dec. 22, 1885.



Witnesses.
Emil Hunter
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UNITED STATES PATENT OFFICE.

FRED. C. ROBINSON, OF NEW YORK, N. Y.

COMBINED SHUTTER-FASTENER AND SHUTTER-BOWER.

SPECIFICATION forming part of Letters Patent No. 332,835, dated December 22, 1885.

Application filed November 2, 1885. Serial No. 181,555. (No model.)

To all whom it may concern:

Be it known that I, FRED. C. ROBINSON, M. D., of the city and county of New York, in the State of New York, have invented a new and useful Improvement in Shutter Locks and Bowing Devices, of which the following is a specification.

My invention relates to devices which may be applied to window blinds or shutters for holding them locked either in a closed position or in a bowed or slightly-opened position; and the object of my invention is to provide an attachment for window blinds or shutters which cannot be readily manipulated by sneak-thieves or burglars from the outside of the building to gain entrance thereto, nor by young children who would be likely to fall from the window to which the blinds or shutters are applied.

The nature of my invention will be herein-after described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is an elevation of the lower portion of two window-blinds and a part of the window-frame to which they are applied. Fig. 2 is a horizontal section of the blinds, showing them locked in their closed position. Fig. 3 is a similar section showing them locked in their bowed position. Fig. 4 is an elevation of the meeting stiles of the two blinds upon a larger scale, showing my locking device applied thereto; and Fig. 5 is a vertical section upon the plane of the dotted line *xx*, Fig. 4, and upon the same scale.

Similar letters of reference designate corresponding parts in all the figures.

A designates the sill portion of the window-frame. B B' designate the meeting stiles of two blinds or shutters applied thereto.

The construction of my improved locking device or fastener and bowing device will be best understood from Figs. 4 and 5.

To the stile B, I attach a hasp device or plate comprising two hasps, C C', which project at right angles relatively to each other, the hasp-plate being secured to the stile B by a pivot or screw, *a*, which is inserted through the same and into the stile. The hasp-plate will be countersunk upon its outer surface to receive the screw-head *a*, and it may be thus pivoted upon the plate *b*, secured to the stile B, and

which serves to prevent the wearing away of the wood of the stile by the swinging of the hasp-plate C C'. One of the hasps, C, is comparatively short and straight, while the other hasp, C', is longer and is bent in a direction transverse to its width, as best shown in Fig. 5. Each of the hasps C C' has formed in it a slot, *c*, and has adjacent to the slot an angular projection or shoulder, *c'*, which is best shown in Fig. 4.

In order to secure one or other of the hasps C C' to the opposite stile, B', or blind, I attach thereto a bed-plate or receiving-plate, D, which may be secured by screws *b'* to the stile B', and which has at its upper and lower margins raised ribs or flanges *d'*, receiving between them the hasp C or C'. Projecting from the front of the plate D is a hub, *d*², which has a projection about equal to the thickness of the hasp C or C', and pivoted to this hub is a button, *d*³, which is adapted to pass through the slot *c* in either of the hasps. This button may be pivoted by means of a screw, *d*⁴, which passes directly through the hub *d*² and into the stile B', or it may be pivoted by means of a rivet secured fast in the hub *d*². The raised ribs or flanges *d'*, which receive the hasp C or C' between them, hold the hasp against a rising or falling motion relatively to the plate D, and the button *d*³ holds the hasp in engagement with the plate, and thus locks the two blinds relatively to each other. When the button *d*³ is turned to a horizontal position, the slot in either hasp C or C' may be passed over it, and the button *d*³ may then be turned until its end bears against the shoulder or projection *c'*, which will sustain it in that position and prevent it from assuming such horizontal position as will enable the slot to pass outward over it.

When it is desired to secure the blinds closely together, as shown in Fig. 2, the hasp C is to be engaged with the plate D, and the button *d*³ turned to lock the hasp thereon, and when it is desired to secure the blinds in a bowed position, as shown in Fig. 3, the hasp C' is to be engaged with the plate D, and secured thereon by the button *d*³.

It will be seen that by my invention I provide a locking device which cannot be manipulated by burglars in order to gain access to

the building from the outside thereof, and which is not likely to be so manipulated by young children as to release the blinds and allow them to fall from the window.

5 What I claim as my invention, and desire to secure by Letters Patent, is—

1. The combination, with a hasp for attachment to a blind-stile and provided at the end with a slot, of a plate for attachment to the
10 opposite stile, provided with raised flanges or ribs receiving the hasp between them, and a button pivoted on said plate, over which the slot in the hasp may be passed, and which may be turned to lock the hasp to the plate, substantially as herein described.
15

2. The combination, with a hasp provided with a slot, *c*, of the plate D, having raised flanges or ribs *d'*, receiving the hasp between them, and a hub, *d*², which is received in the
20 slot of the hasp, and a button, *d*³, pivoted to the plate D, and adapted to engage the hasp, substantially as herein described.

3. The combination, with a hasp provided with a slot, *c*, and a shoulder or projection, *c'*, from its face, of the plate D, provided with
25 ribs or flanges receiving the hasp between them, and a button adapted to pass through the slot in the hasp, and when turned to engage the shoulder or projection *c'*, substantially as herein described.
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4. The combination, with a hasp-plate comprising a straight and a bowing hasp extending at an angle to each other and each provided with a slot, *c*, of a plate, D, provided with
35 raised ribs or flanges for receiving the hasp between them, and a button pivoted to the plate, over which the slot in either hasp may be passed, and which may be turned to secure the hasp to the plate, substantially as herein described.

FRED. C. ROBINSON.

Witnesses:

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FREDK. HAYNES.