

*J. Pusey,
Shutter-Bower.*

N^o 107,720.

Patented Sep. 27. 1870.

Fig. 1

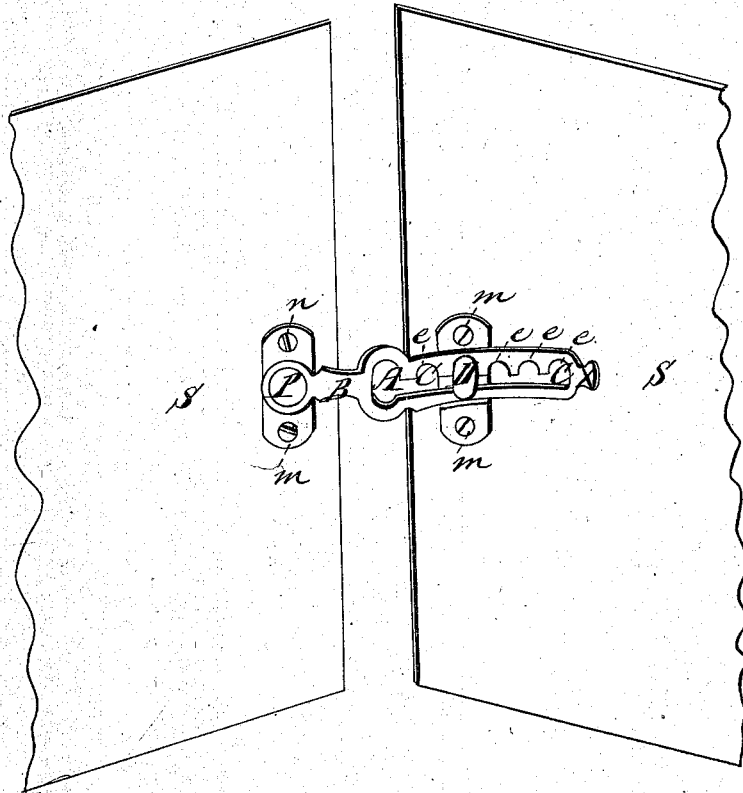


Fig. 2



Witnesses

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JOSHUA PUSEY, OF PHILADELPHIA, PENNSYLVANIA.

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IMPROVEMENT IN SHUTTER-FASTENINGS.

The Schedule referred to in these Letters Patent and making part of the same.

I, JOSHUA PUSEY, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain Improvements in Shutter-Bows, of which the following is a specification.

The object of my invention is to provide a simple device by means of which ordinary window-shutters may be securely bowed at several positions, and which, at the same time, shall prevent their being opened, except from the inside. It is frequently desirable, while the shutters are bowed, to allow the window-sash to remain raised. My device allows this to be done with safety, by preventing ingress through the windows, as is demonstrated below.

Figure 1 represents my shutter-bow as it appears attached to the shutter in actual use.

The stiff metal bar B is loosely fastened or riveted to the pin P in such manner that it may rotate freely, and is attached to the shutter S by means of the screws *n n*.

The said bar is suitably curved, obviously in order to present a parallel surface at one point to the shutters S S', as they are made to open or close.

It is also provided with a longitudinal slot, C C, closed at both extremities and widening out at A.

e e e e are lateral vertical slots, opening out only into the upper side of the slot C C.

D is a button, which is of somewhat less dimensions than the opening A, and which is secured to the shutter S' by the screws *m m*.

Figure 2 is a detached side view of the same, D being its knob or head, with its stem or shank K, which latter is not greater in diameter than the width of the slots C C *e e e e*, fig. 1, and whose length is greater than the thickness of the bar B.

The operation of my device is as follows:

The shutters S S', fig. 1, being closed, or nearly closed to, the bar B, swinging freely from the pin P, is brought around until the opening A is opposite the button D, which is now passed through the said opening.

It is readily seen that as the shutters S S' are separated, the shank K, fig. 2, of the button D, slides along the slot C C, not farther than the extremity X.

The knob of the button, which may be either concentric with or eccentric to the shank K, (the latter being preferred,) projecting over the face of the bar B, prevents its being disengaged.

To open the shutters, all that is requisite is to reverse the operation just described; that is, to close the shutters until the button again comes opposite the opening A, when the bar B may be disengaged from the button.

To hold the shutters at the required bow, it is merely necessary to allow the shank of the button to pass into any one of the lateral slots *e e e e*.

Claim.

I claim—

The combination of the button D and the bar B, provided with the slot C, and a series of notches or openings, *e*, and an opening, A, the latter opening only being of a size large enough to allow the button D to pass through it, all constructed, arranged, and operating substantially as described.

JOSHUA PUSEY.

Witnesses:

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