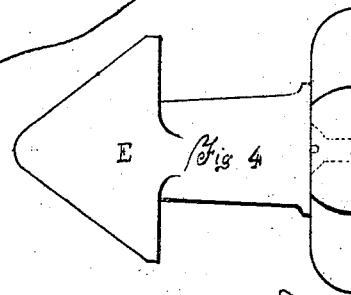
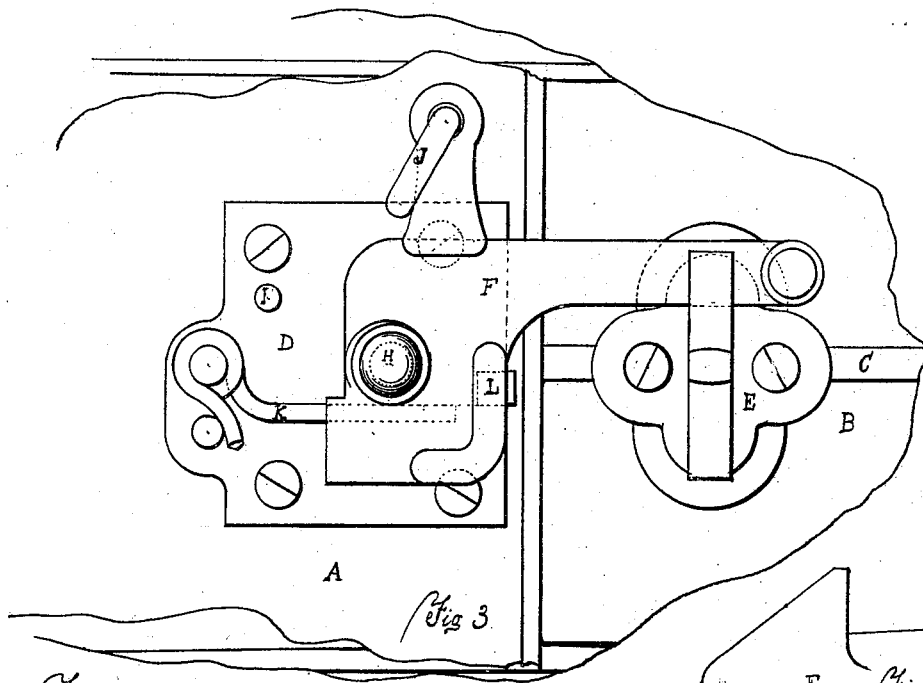


P. L. Wiener,

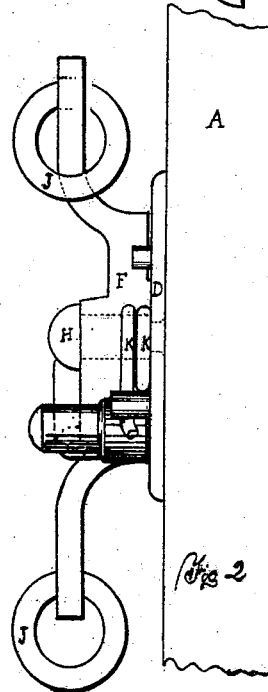
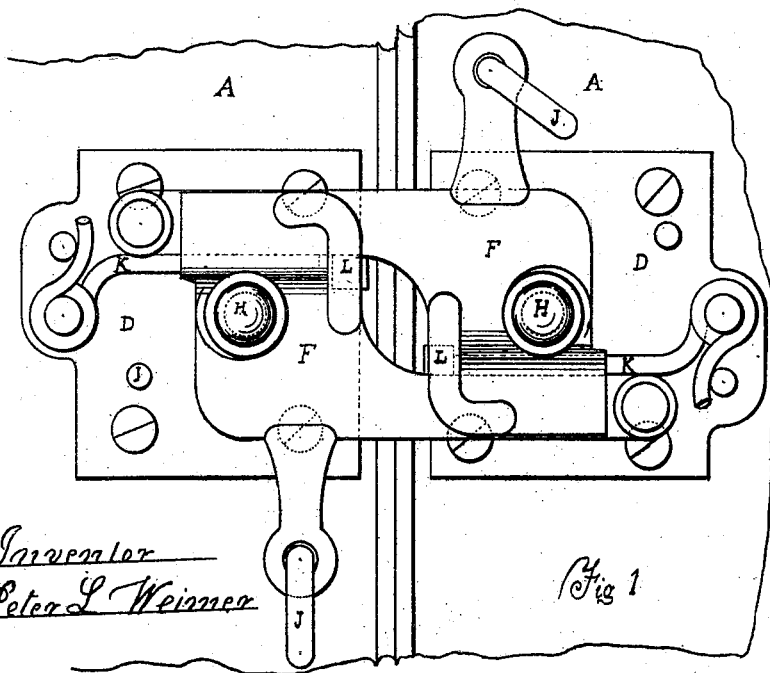
Shutter Fastener.

No. 112,750.

Patented Mar. 14, 1871.



Witnesses
John Dickinson
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Letters Patent No. 112,756, dated March 14, 1871.

IMPROVEMENT IN SHUTTER-FASTENERS.

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

I, PETER L. WEIMER, of Lebanon, in the county of Lebanon and State of Pennsylvania, have invented an Improved Device for Fastening Shutters, of which the following is a specification.

Nature and Objects of the Invention.

My invention consists of a pair of peculiarly constructed turn-buttons, so arranged that when fastened to a pair of ordinary house-shutters they will interlock with each other and make a secure fastening to hold the shutters closed. I also combine with the turn-buttons a pair of arrow-headed catches, which is fastened to the outside wall of the building, into which the turn-buttons latch when the shutters are opened, firmly holding them open against the wall.

In closing the shutter, the act of pulling on the ring attached to the turn-button raises it at a right angle to its position of rest in the arrow-head catch, and into a position to turn into its place in the notch in the turn-button on the opposite shutter when closed.

The object of the invention is to combine a device that will securely hold shutters in a closed position, and, when required, to equally hold them in an open position.

Description of the Accompanying Drawing

Figure 1 is an elevation showing the fastener holding a pair of shutters in a closed position, a portion of the shutters only being shown.

Figure 2 is an end view.

Figure 3 is a view showing the fastener holding the shutter in an open position, a portion of the wall and shutter being shown.

Figure 4 is a view of the arrow-headed catch, to secure against the wall for holding the shutter in an open position.

General Description.

A represents a portion of a pair of ordinary house-shutters.

B is a section of the wall of a building, to which the arrow-head E is secured by wood screws.

In a brick house the mortar in the joint C is removed and the place plugged with hard wood to receive the wood screws. In a stone building, two holes

are drilled in the stone and plugged with wood for the same purpose.

D is a plate to which the turn-button F is fastened, turning on the pin H.

The turn-button F is of a peculiar construction, having but one arm. A projection at right angle to this arm is furnished with a ring, J.

Opposite to this projection a recess is formed between the plate D and the turn-button F, into which the arm of the turn-button of the opposite shutter passes when the shutters are to be closed and locked.

K is a wire spring secured to the plate D, and is used for retaining the turn-button in its different positions.

L are stops cast on the plate D, to prevent the turn-button F moving beyond a certain distance; and

I are similar stops, to prevent it going too far in an opposite direction.

Fig. 1 shows my device full size, in its closed or locked state. By taking hold of the rings J and pulling in opposite directions, the arms of the turn-buttons will detach themselves and assume a position at right angles to that shown on the drawing. Before the shutter is pushed back against the wall the turn-button is turned down into a horizontal position, when, as the shutter goes back, the spring under the turn-button yields, and the arm engages with the arrow-headed stop H, holding it firmly in an open position.

Should it be desired, the arms of both turn-buttons may interlock with each other from above, in place of from opposite directions, as shown in the drawing.

In this case, when the shutters are opened back against the wall the arrow-head catch is not required to hold them open, as both turn-buttons, springing from above, will catch or lock into any ordinary wall-catch in which the notch is placed upward.

I claim as my invention—

The combination of the interlocking turn-buttons F, with recesses in their shanks to receive the projecting arms of the respective buttons, the plates D, pins H, and springs K, the arms serving also to hold the shutters open by engaging in a catch in the wall, all arranged as and for the purpose set forth.

Witnesses:

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S. P. RABER.