J. Frick,

Shutter Fastener.

No. 30,571. Patented Nov. 6, 1860.

Fig: 1.

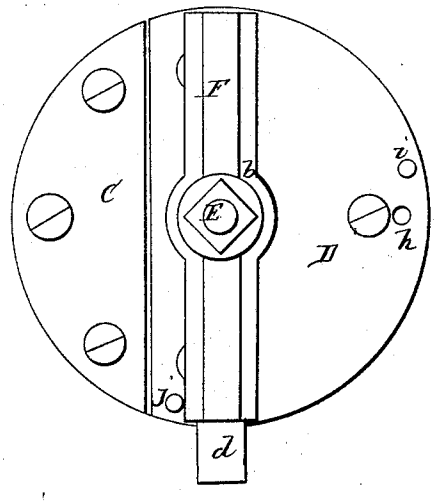


Fig: 2.

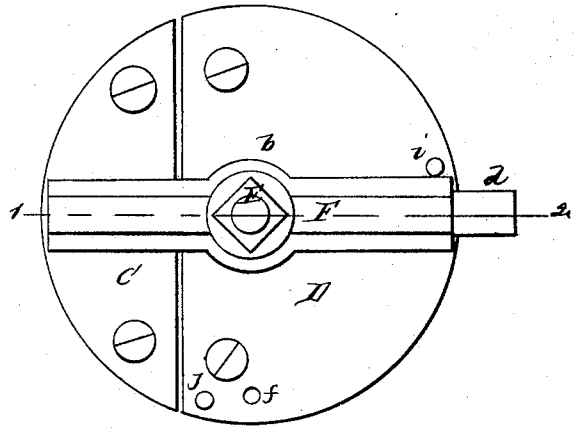


Fig: 4.

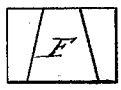
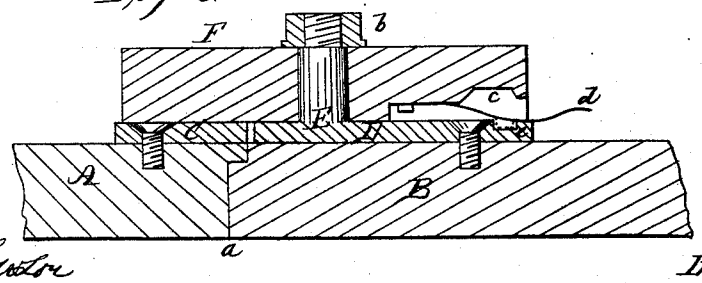


Fig: 3.



Witnesses:
Henry Howson
Charles Howson.

Inventor:
Jacob Frick

AM. PHOTO-LITHO. CO. N.Y. (OSBORNE'S PROCESS.)

UNITED STATES PATENT OFFICE.

JACOB FRICK, OF PHILADELPHIA, PENNSYLVANIA.

SHUTTER-FASTENER.

Specification of Letters Patent No. 30,571, dated November 6, 1860.

To all whom it may concern:

Be it known that I, JACOB FRICK, of the city and county of Philadelphia and State of Pennsylvania, have invented a new and Improved Fastener for Window-Shutters, &c.; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing and to the letters of reference marked thereon.

My invention consists of a turn buckle or bar having a spring with a projection in combination with certain plates one of which has recesses for receiving the projection of the spring, and projections for limiting the movement of the bar, the whole being arranged, and applied to the shutters, in the manner described hereafter and forming a simple effective and easily managed fastening.

In order to enable others to make and use my invention I will now proceed to describe its construction and operation.

On reference to the accompanying drawing which forms a part of this specification, Figures 1 and 2 illustrate my improved fastener as viewed from the inside of the shutters; Fig. 3 a sectional plan on the line Fig. 2 and Fig. 4 an end view of the turn buckle.

Similar letters refer to similar parts throughout the several views.

A represents a portion of one shutter and B a portion of the adjacent shutter, the two when closed meeting each other at the line *a*. To the shutter A is secured a plate C and to the shutter B a plate D from which projects the pin E for receiving the turn buckle or bar F which is confined to the pin by the nut *b*. One arm of this bar has on the underside a recess *c* for receiving a spring *d* one end of which is secured within the said recess, the opposite end projecting beyond the end of the bar as best observed on reference to Fig. 3. On the underside of this spring is a projection *e* adapted to the two recesses *f* and *h* in the plate B the projection fitting into the recess *f* (Fig. 2) when the bar is in the position shown in Fig. 1 and fitting into the recess *h* (Fig. 1) when the bar is in the position shown by Fig. 2. The plate B is also furnished with two projecting pins *i* and *j* for limiting the movement of the bar F and preventing it from being turned in the wrong direction.

Supposing the shutters to be open and the bar F to be in the position shown in Fig. 1 and that the shutters have to be closed and fastened, after moving them until their edges meet as seen in Fig. 3, the operator places a finger underneath the projecting end of the spring *d* elevates the same and withdraws its projection *e* from the recess *f* in the plate D when the bar is easily turned on the pin E until it arrives at a position at right angles to that which it previously occupied when the projection *e* of the spring will drop into the recess *h*. The shutters are now securely fastened by one arm of the bar projecting over and bearing against the plate C of the shutter A.

In the winter months the snow and ice collecting on the above-described fastening would tend to interfere with the movements of the bar but for its peculiar shape seen in Fig. 4, on reference to which it will be observed that the sides of the bar are beveled so that each lower corner may present a sharp edge which tends to scrape away the snow and ice adhering to that portion of the plates over which the bar has to move.

I do not desire to claim broadly a turn buckle or bar for the purpose of securing shutters nor do I claim any of the within described parts viewed separately, but

I claim as my invention and desire to secure by Letters Patent—

The bar F^2 the spring *d* with its projection *e* in combination with the plates C and D the latter having the recesses *h* and *f* and the projections *i* and *j* or their equivalents and the whole being arranged and applied to the shutters as and for the purpose set forth.

In testimony whereof, I have signed my name to this specification, in the presence of two subscribing witnesses.

JACOB FRICK.

Witnesses:

HENRY HOWSON,

JOHN WHITE.