

W. ZEITER.
Shutter-Fasteners.

No. 133,514.

Patented Nov. 26, 1872.

Fig. 1.

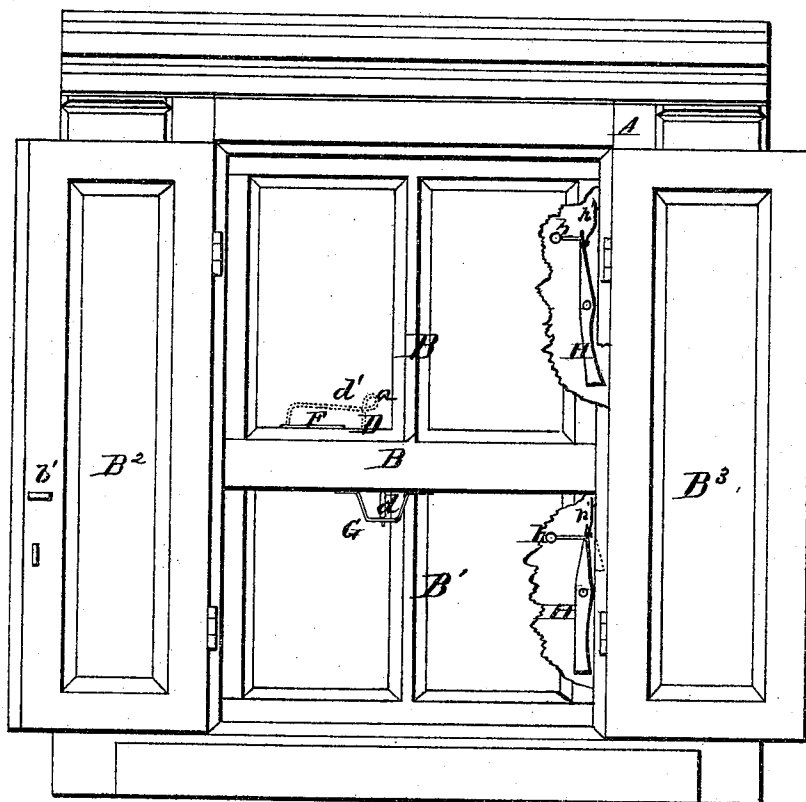
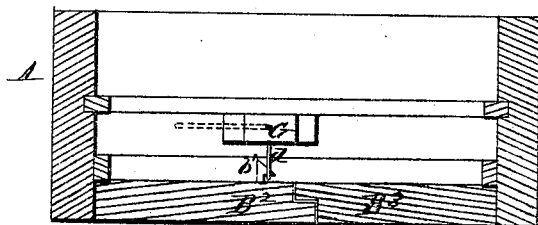


Fig. 2.



Witnesses.
C. B. Steele
G. E. Vopham,

Inventor.
W. Zeiter,
Chipman Fosmire & Co.,
Atty.

UNITED STATES PATENT OFFICE.

WILLIAM ZEITER, OF MOUNT ÆTNA, PENNSYLVANIA, ASSIGNOR OF ONE-HALF HIS RIGHT TO ISRAEL KAUTNER, OF SAME PLACE.

IMPROVEMENT IN SHUTTER-FASTENINGS.

Specification forming part of Letters Patent No. 133,514, dated November 26, 1872.

To all whom it may concern:

Be it known that I, WILLIAM ZEITER, of Mount Ætina, in the county of Berks and State of Pennsylvania, have invented a new and valuable Improvement in Window-Shutter Locks; and I hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of a front view of my invention. Fig. 2 is a horizontal sectional view of the same.

This invention has relation to shutter-locks; and it consists in the hereinafter-described construction and novel arrangement of devices, whereby the locking and unlocking of the shutters may be effected while the window-sash is closed.

Referring to the drawing, A designates the window-frame, B the upper and B¹ the lower window-sash, and B² B³, the shutters, working as usual, on hinges. Attached to the shutter B³, which has the flange *b* on the outside and which is always closed last in order to secure the other, is a barbed catch-hook, *b'*, having its shoulder turned toward the edge of the shutter. D designates a bent wire or rod having a vertical shank, which passes through and turns in the middle of the lower and inwardly-projecting bar E of the upper and outer sash B. The upper part of said wire or rod is bent to the form of the letter L, an eye or coil being formed at *a* to give the L-shaped

arm elasticity. The extremity of said arm depends so that the end may enter recesses formed at different positions in a plate, F, secured to the top of the bar B. Under the bar B the rod D is bent to the form of a staple, *d*, projecting horizontally and resting on a bent plate, G, the sides of which limit its movement, so that the glass will not be broken. The lower end of the rod D is pivoted to the plate G. The arms *d* and *d'*, it will be perceived, lie at right angles to each other. When the end of the arm *d'* is in the inner hole of the plate F the arm *d* projects outward in a direct line; hence when the shutters are closed the barbed hook *b'* will catch the arm *d* automatically, and thus secure the shutters. By raising the arm *d'* and turning it toward the shutters the hook *b'* and arm *d* will be disconnected, allowing the shutters to be opened. The holes in the plate F are designed to hold the device D in position.

What I claim as new, and desire to secure by Letters Patent, is—

The pivoted rod D having the L-shaped elastic arm *d'* and the staple arm *d*, in combination with the sash B and shutter B² having the barbed hook *b'*, substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

WM. ZEITER.

Witnesses:

ISRAEL KAUTNER,
BASSLER BOYER.