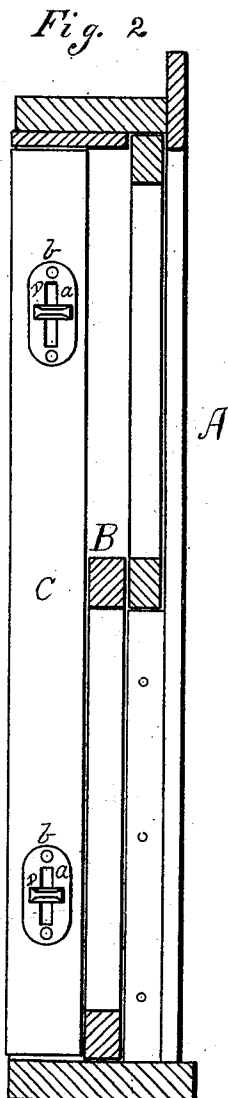
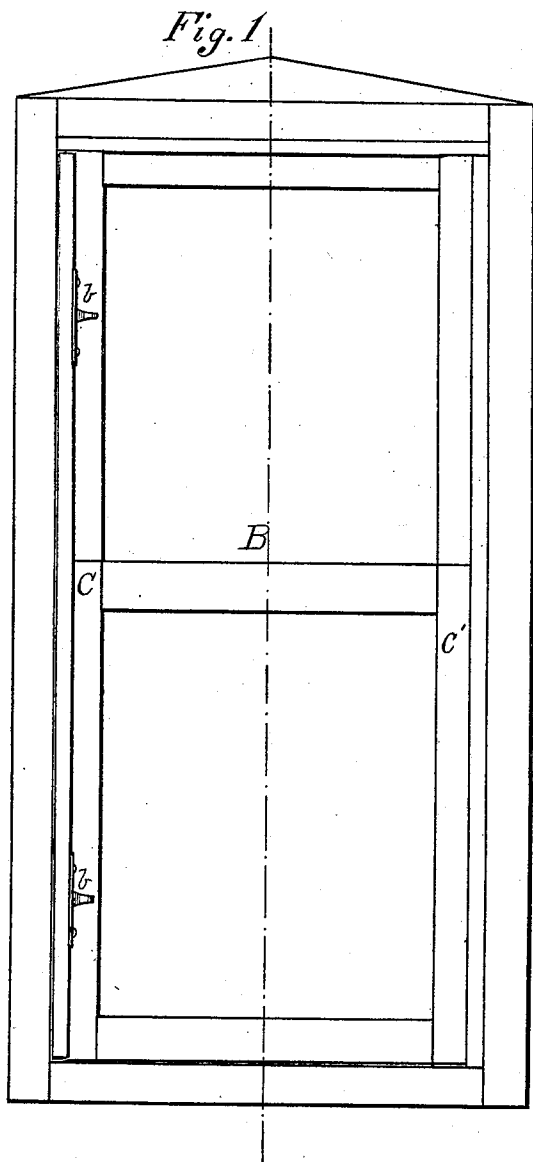


C. REICHLE & T. KRAUSS.

WINDOW-BEAD FASTENER.

No. 177,004.

Patented May 2, 1876.



WITNESSES

Thomas Bernard
George E. Upham.

INVENTOR.S.

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UNITED STATES PATENT OFFICE.

CHARLES REICHLE AND THEODORE KRAUSS, OF SAGINAW CITY, MICHIGAN.

IMPROVEMENT IN WINDOW-BEAD FASTENERS.

Specification forming part of Letters Patent No. **177,004**, dated May 2, 1876; application filed March 25, 1876.

To all whom it may concern:

Be it known that we, CHARLES REICHLE and THEODORE KRAUSS, of Saginaw City, in the county of Saginaw and State of Michigan, have invented a new and valuable Improvement in Sash-Fastener; and we do 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 drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a front elevation of our sash-fastener; and Fig. 2 is a transverse vertical sectional view of the same.

Our invention relates to window-frames; and it consists in a detachable slotted fillet for such frames, combined with slotted plates and flat-headed screws, whereby the window-sash may be taken out at any time without the aid of tools or drawing nails, as will be hereinafter more fully set forth and definitely claimed.

In the annexed drawing, A represents an ordinary window-frame with sash B. C C' represent the strips or fillets, one on each side of the frame. One of these, C', may be fastened in the usual manner, by nails or other-

wise, as desired, while the other one, C, is made detachable in the following manner: In the fillet C, near each end—or at any desired points—is made a slot, *a*, which is surrounded on the outside of the fillet by a slotted metal plate, *b*. In the side of the frame are inserted flat-headed screws DD, the heads of which pass through the slots *a* and plates *b*, and by then screwing in said screws the fillet is held firmly in its place. By this means the strip or fillet C can easily be removed at any time when, for any purpose, it may be desired to take out the sash. This can then be done without the aid of any tools or drawing any nails or screws.

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

The combination, with a window-frame, of the slotted strip or fillet C, slotted metal plates *b*, and flat-headed screws D, substantially as and for the purpose set forth.

In testimony that we claim the above we have hereunto subscribed our names in the presence of two witnesses.

CHARLES REICHLE.
THEODORE KRAUSS.

Witnesses:

ISAAC PARSONS, Jr.,
E. G. BABCOCK.