C. PURNELL.

Improvement in Window-Sash Strip-Fasteners.

No. 128,507. Patented July 2, 1872.

Fig. 1

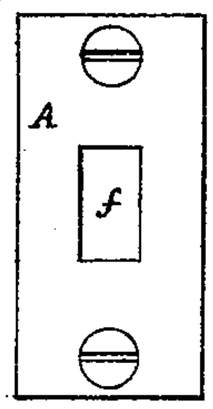


Fig. 2

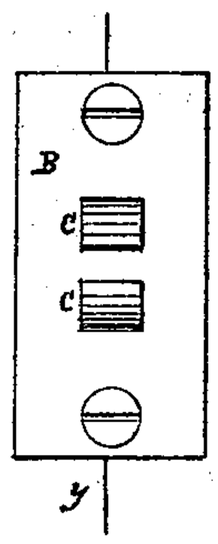
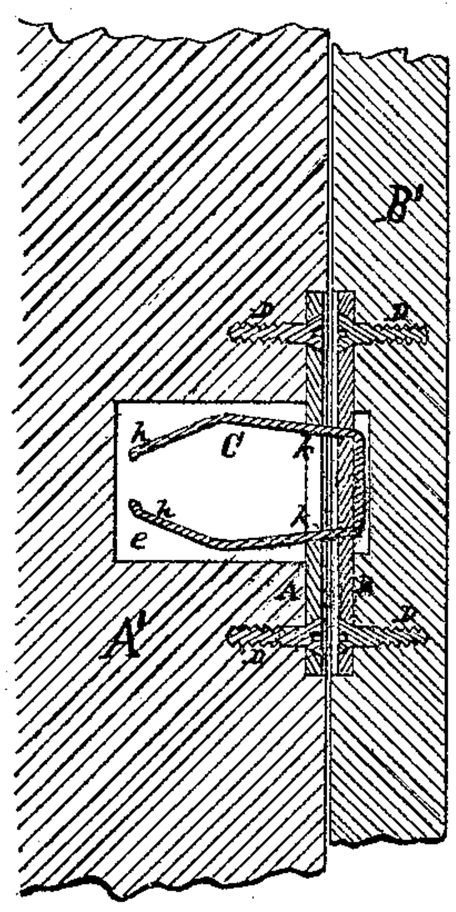


Fig. 3



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UNITED STATES PATENT OFFICE.

CHARLES PURNELL, OF ALLEGHENY CITY, PENNSYLVANIA.

IMPROVEMENT IN WINDOW-SASH-STRIP FASTENERS.

Specification forming part of Letters Patent No. 128,507, dated July 2, 1872.

To all whom it may concern:

Be it known that I, CHARLES PURNELL, of the city and county of Allegheny and State of Pennsylvania, have invented a new and useful Improvement in Fastening for "Sash-Strips;" and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon.

The nature of my invention consists in the combination and arrangement of two plates and a spring, which, when secured to the window-frame and sash-strip, will firmly hold the latter to the former, and be susceptible of easy removal, the one from the other.

To enable others skilled in the art to make and use my invention, I will proceed to describe more fully its construction and operation.

In the accompanying drawing, which forms part of my specification, Figure 1 is a face view of the plate, which is secured to the window-frame. Fig. 2 is a face view of the plate and spring, which is secured to the sash-strip. Fig. 3 is a vertical section of a part of a window-frame and sash-strip, cutting through the plates and spring at line *y* of Fig. 2.

In the accompanying drawing, A′ represents a section of a window-frame; B′ represents a section of a sash-strip; A represents the plate, secured in the window-frame; B represents the plate, which is secured in and to the sash-strip. The plates A and B are secured in the desired position by means of screws D. In the frame A′ is made a recess, *e*, somewhat larger than the opening *f* in plate A, for the reception of the spring C, the peculiar form of which is clearly shown in Fig. 3, the projecting arms of which pass through openings in the plate B. The bent ends *h* of the projecting arms of the spring C facilitate the entering of the arms through the opening *f* in plate A, and the diverging angles at *k* cause the strip B′ to hug close to the frame A′. The width of the recess *e* should be exactly that of the spring C to prevent lateral motion of the strip B′—otherwise the sash would rattle in its frame.

I wish it clearly understood that I do not claim, broadly, the use of a spring for the purpose of holding the sash-strip to the frame; nor do I claim a slotted pin in combination with a tube for such purpose.

Having thus described the nature of my invention and its construction, what I claim as new, is—

A fastener for window-sash strip or stop, consisting of the plates A and B, in combination with the spring C, constructed and arranged with relation to each other substantially as herein described, and for the purpose set forth.

CHARLES PURNELL.

Witnesses:

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