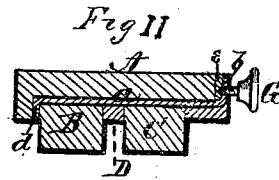
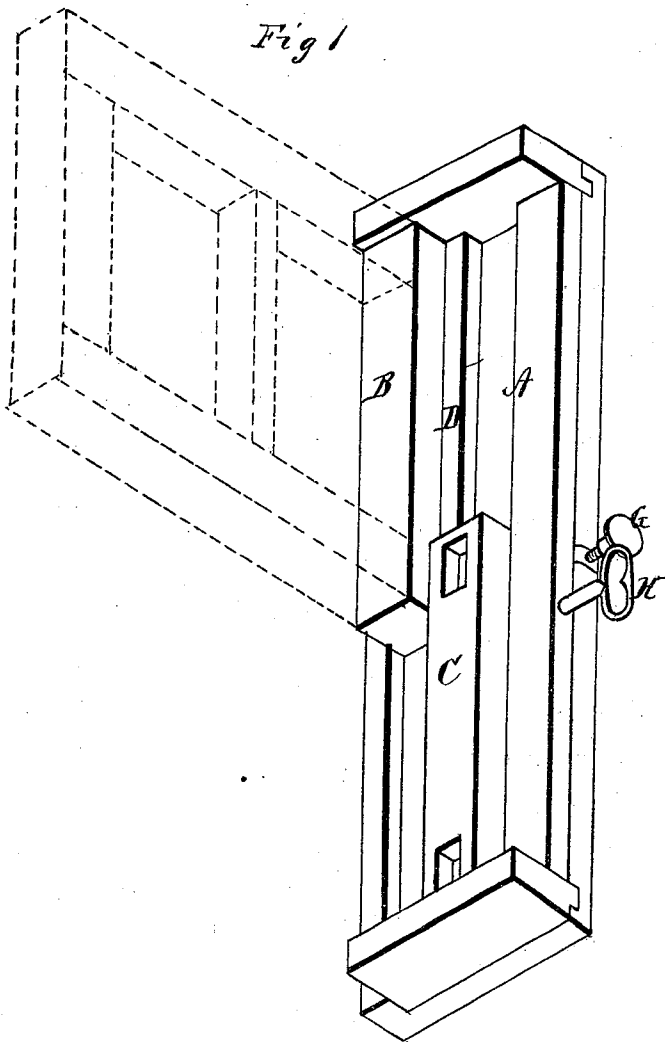


C. WILSON.
Sash-Holders.

No. 148,342.

Patented March 10, 1874.



Witnesses
P. L. Osband
C. L. Everett

Inventor
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UNITED STATES PATENT OFFICE.

CHARLES WILSON, OF BRIDGEPORT, CONNECTICUT.

IMPROVEMENT IN SASH-HOLDERS.

Specification forming part of Letters Patent No. **148,342**, dated March 10, 1874; application filed July 2, 1873.

To all whom it may concern:

Be it known that I, CHARLES WILSON, of Bridgeport, in the county of Fairfield and in the State of Connecticut, have invented certain new and useful Improvements in Sash-Fasteners; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists of a bar of flat metal, with one end turned inward and the other end turned outward, arranged in a window-frame, behind the edges of the sash and parting-strip, and operated by means of a set-screw pressing upon a metal plate arranged in the head of the window-frame, as will be more fully hereinafter set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a perspective view of a window-frame with sash and my fasteners on the same. Fig. 2 is a section of the fastener.

A represents a window-frame; B, the upper, and C the lower, sash, with parting-strip D between them, said parts being constructed and arranged in any of the known and usual ways. The sash is fastened by means of the following device: *a* represents a flat bar, let horizontally into the casing, and extending from the front of the frame or casing along the edge of the lower sash C, under the parting-strip D, and along and beyond the upper

sash B. The outer end *b* of the bar *a* is bent outward, and has a set-screw, G, passing through it, which bears against a plate, *e*, inserted in the head of the window frame or casing A. The inner end *d* of the bar *a* is bent inward, so as to come on the outside of the side rail of the upper sash, as shown in Fig. 2.

By tightening the set-screw G, the bar *a* is drawn outward, so that the end *d* thereof will draw the sash B tightly against the parting-strip D, and hold it in any position. By loosening the set-screw G, the sash B can readily be raised or lowered, as desired.

Two bars, constructed as bar *a* is, can be used—one for the upper and one for the lower sash—if desired; or one bar can be made to operate both windows by using an elastic or thin parting-strip, so that when the screw is tightened the two sashes will press against the strip.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The bar *a*, having its ends *b* and *d* turned in opposite directions, in combination with the set-screw G and plate *e*, all arranged in a window-frame, as described, and operating substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 14th day of June, 1873.

CHARLES WILSON.

Witnesses:

F. HURD,
A. R. LACEY.