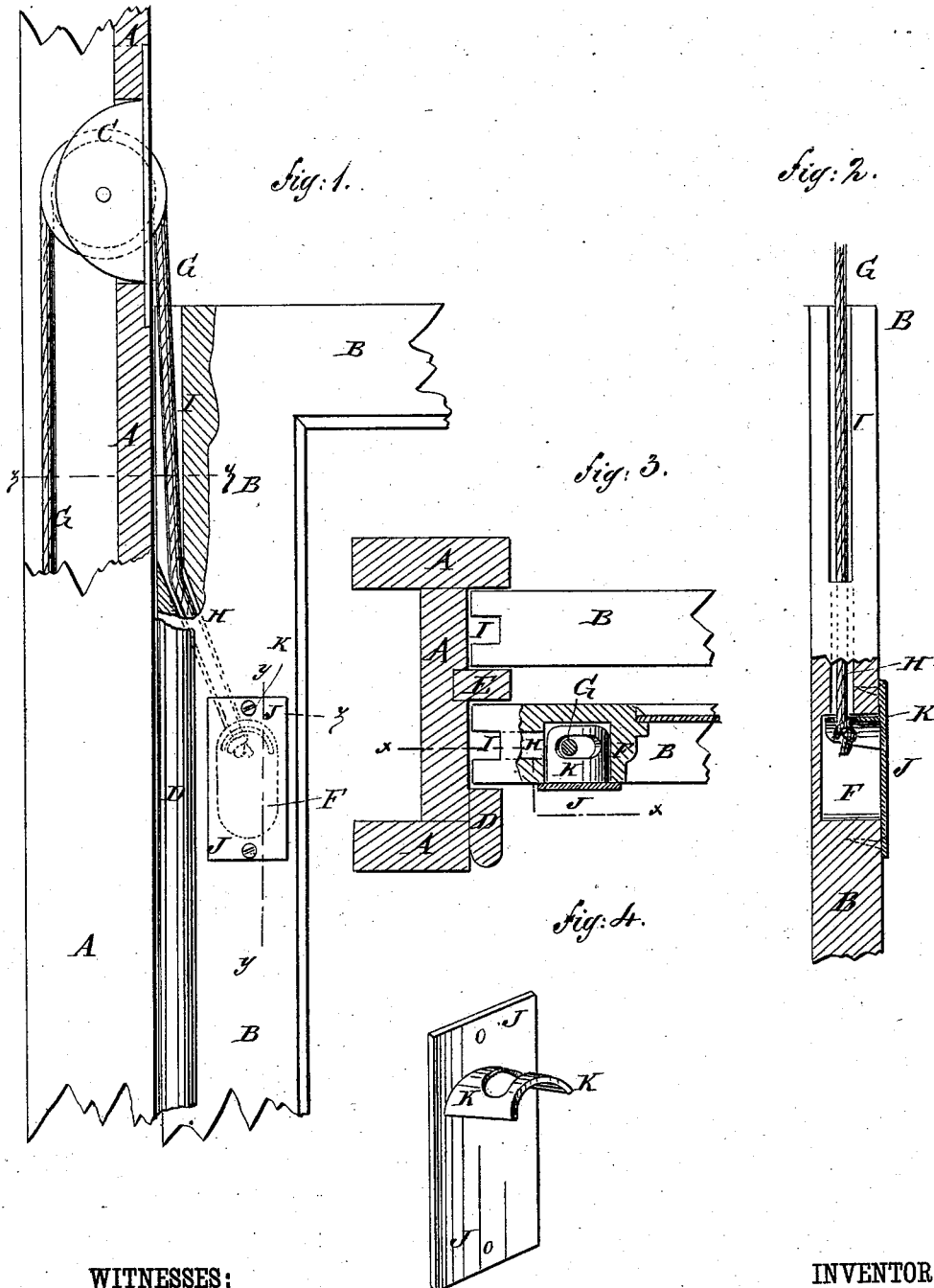


(No Model.)

C. BUSH.
SASH CORD FASTENER.

No. 260,161.

Patented June 27, 1882.



WITNESSES:

Chas. Nida
C. Seidquick

INVENTOR:

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UNITED STATES PATENT OFFICE.

CHARLES BUSH, OF NEW YORK, N. Y., ASSIGNOR TO HIMSELF AND LOTAN K. HUNT, OF SAME PLACE.

SASH-CORD FASTENER.

SPECIFICATION forming part of Letters Patent No. 260,161, dated June 27, 1882.

Application filed November 1, 1881. (No model.)

To all whom it may concern:

Be it known that I, CHARLES BUSH, of the city, county, and State of New York, have invented a new and useful Improvement in Sash-Cord Fasteners, of which the following is a specification.

Figure 1 is a side elevation of my improvement, partly in section through the line *x x*, Fig. 3. Fig. 2 is an edge view of a sash to which my improvement has been applied, partly in section through the line *y y*, Fig. 1. Fig. 3 is a plan view of the improvement, partly in section through the line *z z*, Fig. 1. Fig. 4 is a perspective view of the improvement detached.

Similar letters of reference indicate corresponding parts.

The object of this invention is to facilitate the application of sash-cords to windows and avoid the necessity of removing the sashes in making the application.

The invention consists of a knot-holder formed of a face-plate, and an eye-plate secured to the inner side of the said face-plate and having its eye elongated transversely; and, also, in the combination, with a sash having a knot-pocket and inclined passage, of a face-plate and a curved plate secured to the said face-plate and having an elongated eye, as hereinafter fully described.

A represents the casing, and B the sash, of a window. C is the cord-pulley, which is secured to the casing A in the ordinary manner. In the side of the sash-stile, at a suitable distance from the top of the sash, and at such a distance from the edge of the said stile as to clear the stop-bead D or the parting-strip E, is formed an opening, F, called by me a "knot-pocket." The knot-pocket F is made of such a size as to readily receive the knot of the sash-cord G and the knot-holder hereinafter described.

From the upper part of the knot-pocket F is formed a passage, H, leading in an upwardly-inclined direction to the lower end of the ordinary cord-channel, I, formed in the edge of the sash-stile. The knot-holder is formed of a plate, J, of sufficient size to cover the knot-pocket F, and having an eye-plate, K, formed upon or attached to the upper part of its inner

side. The eye-plate K has an aperture or eye formed through it for the passage of the sash-cord G, which eye is elongated transversely, as shown in Figs. 3 and 4, so that the same knot-holder can be used upon either stile of the sash. I prefer to arch the eye-plate K transversely, as shown in Fig. 4, as allowing the knot to bear more easily against it; but it may be made of any desired shape.

In applying sash-cords to a window provided with my improvement the cord G is passed over the pulley C and attached to the balancing-weight in the ordinary manner. The outer end of the cord G is then passed down through the channel I and passage H, is drawn out of the knot-pocket F, is passed through the eye of the eye-plate K, and a knot is tied upon it. The knot-holder J K is then inserted in the knot-pocket F, where it will be held in place by the strain upon the cord G. The knot-holder J K may be secured against any movement in the knot-pocket F by one or more small screws passed through the plate J and into the sash-stile, or by brads, or by points attached to or formed upon the said plate J and entering the said stile.

If desired, the operation of applying the cord may be reversed by passing the cord up or down through the passage H and channel I before passing it over the pulley C, and attaching it to the balancing-weight.

With this construction a cord can be applied without removing the sash from the window.

In case a cord should stretch, the knot-holder can be detached from the sash-stile, the cord drawn out, a new knot tied upon its end, and the knot-holder replaced in a few minutes.

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

As an improved article of manufacture, the herein-described knot-holder, consisting of the face-plate J and the curved eye-plate K, secured to the said face-plate, and having its eye elongated transversely, substantially as and for the purpose set forth.

CHARLES BUSH.

Witnesses:

JAMES T. GRAHAM,
C. SEDGWICK.