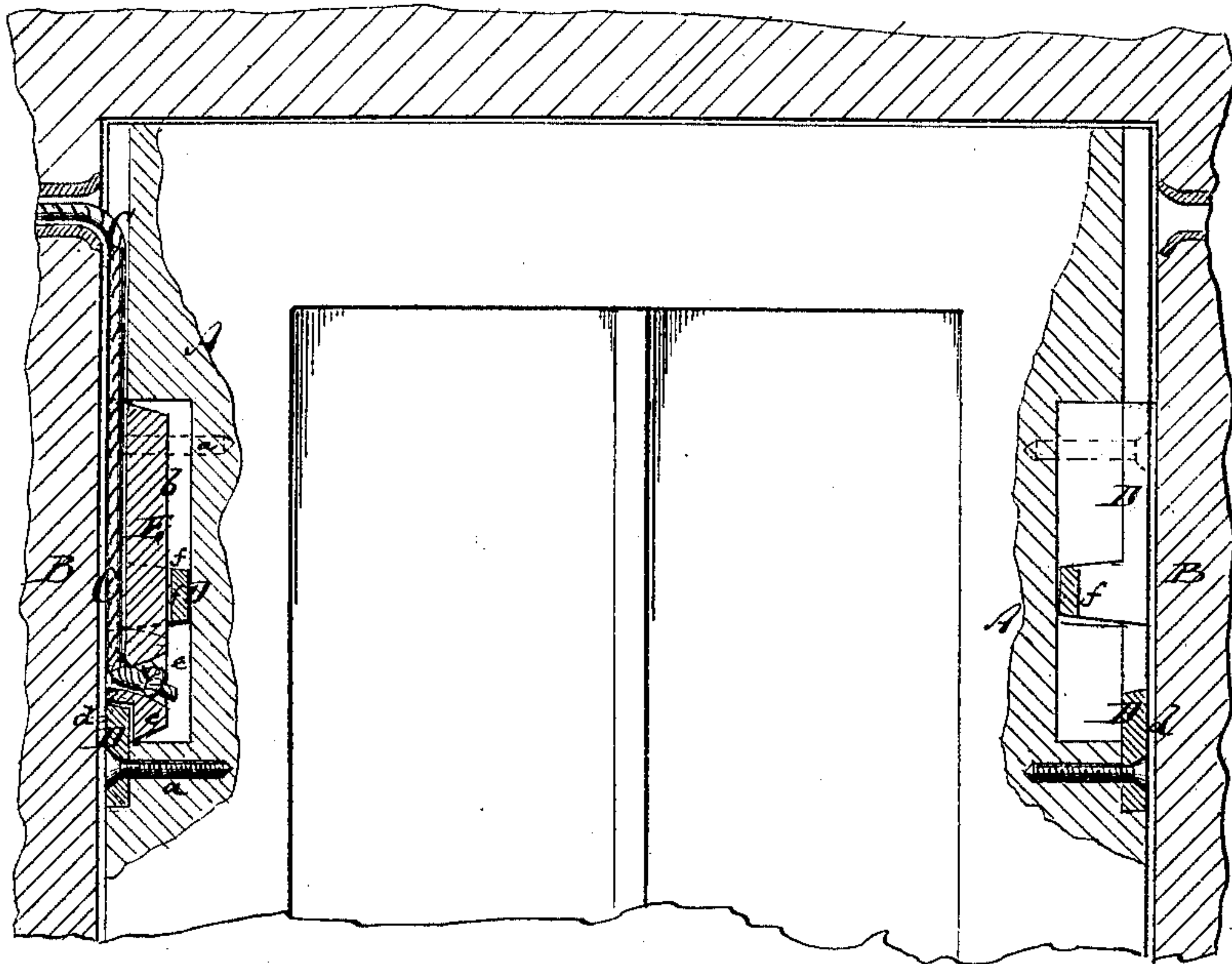
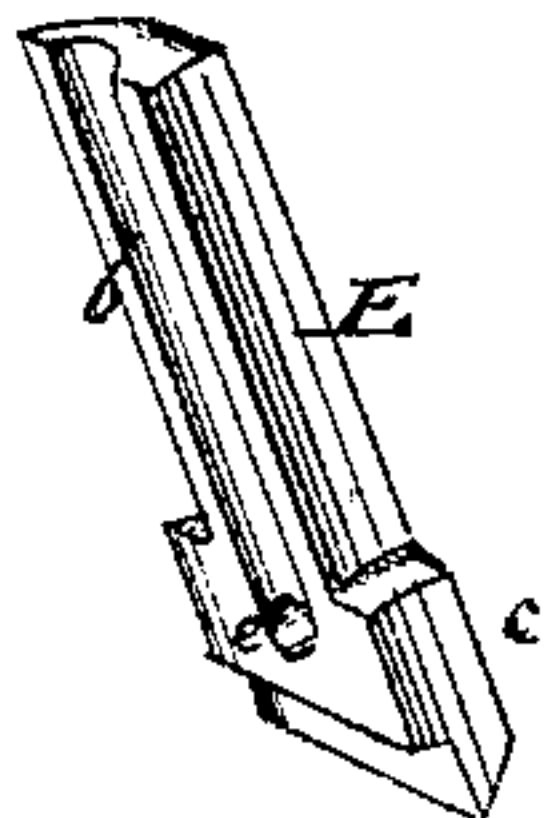


FREEMAN BRADY, Jr.  
Improvement in Attachments for Sash-Weights.  
No. 114,523. Patented May 9, 1871.

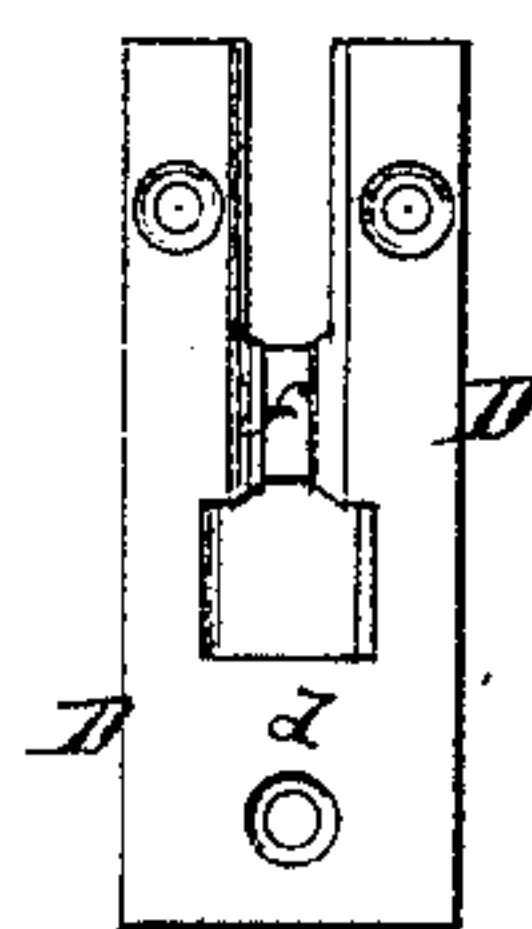
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



Witnesses:

*C. Raettig.*  
*L. S. Mabee*

Inventor:

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PER *Wm. L. D.*  
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# United States Patent Office.

FREEMAN BRADY, JR., OF WASHINGTON, PENNSYLVANIA.

Letters Patent No. 114,523, dated May 9, 1871.

## IMPROVEMENT IN ATTACHMENTS FOR SASH-WEIGHTS.

The Schedule referred to in these Letters Patent and making part of the same.

*To all whom it may concern:*

Be it known that I, FREEMAN BRADY, Jr., of Washington, in the county of Washington and State of Pennsylvania, have invented a new and improved Sash Attachment; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which—

Figure 1 represents a vertical section of a sash provided with my improved attachment.

Figure 2 is a perspective view of the cord-holder.

Figure 3 is a face view of the sash-plate for receiving the cord-holder.

Similar letters of reference indicate corresponding parts.

This invention relates to an improvement in devices for securing weight-cords to window-sashes, and consists in the peculiar construction and arrangement of parts, as hereinafter described and claimed.

A in the drawing represents a portion of a window-sash of suitable construction.

B is the frame of the same.

C is one of the sash-cords.

To each edge of the sash is secured a slotted plate, D, which is sunk into the sash so that its face is about flush with the edge of the sash, as clearly indicated in fig. 1. The slot in the plate D extends vertically from the extreme upper to near the lower end of the same, as in fig. 3.

Screws *a* or equivalent devices are used for fastening the plate D in the recess provided for it in the sash.

E is the cord-holder, made in form of a rod or plate,

of such shape that its upper part *b* will fit the slot of the plate D, while its lower part *c* will rest behind the unslotted lower portion *d* of D, as is shown on the left-hand side of fig. 1.

A shoulder is formed on the rod to rest on the top of *d*, which constitutes the lower end of the slot.

The piece E is perforated at *e* to receive the cord C, the aperture being conical, smaller at the face, so that it will hold a knot on C, as in fig. 1.

The face of the cord-holder is grooved lengthwise from the aperture to the top to receive the cord, said groove being extended upward in the upper part of the sash proper.

The cord-holder, after receiving the knotted cord, is placed into the plate D in the manner shown, its inner part resting against a cross-piece, *f*, which is provided on the plate D back of the slot, or against an equivalent stop provided on the sash.

When the sash is in the frame the piece E will be secured in place and hold the cord in proper manner. But as soon as the sash is withdrawn from the frame the cord-holders will become disengaged from their plates D, and will therefore greatly facilitate the removal of the sash, while they also prevent the cords from being drawn into the frame by the weights.

Having thus described my invention,

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

The grooved and apertured cord-holder E *b c*, and the slotted plate D provided with the cross-bar or piece *f*, connected as shown and described.

FREEMAN BRADY, JR.

Witnesses:

DAVID AIKEN,

HENRY M. DOUGAN.