T. E. KING.

CURTAIN-FASTENER.

No. 170,674. Patented Dec. 7, 1875.

Fig. 1.

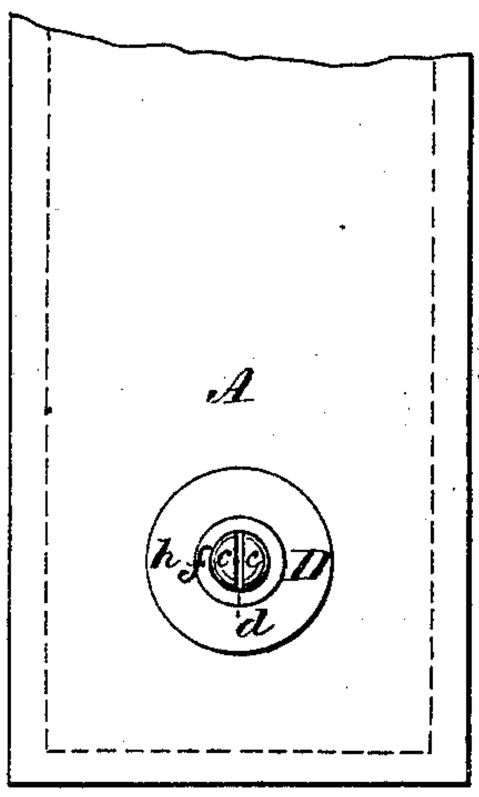


Fig. 2.

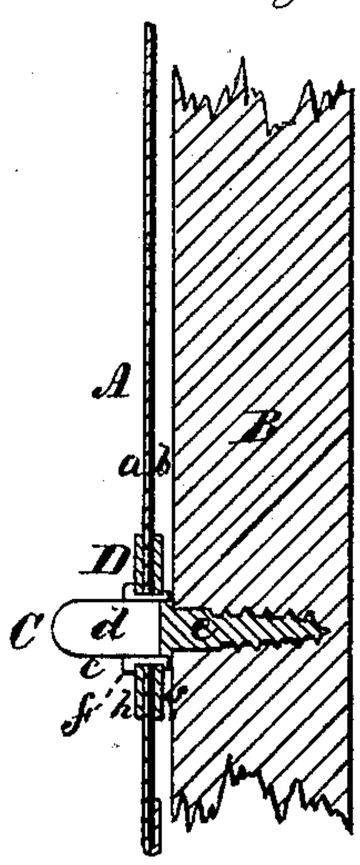
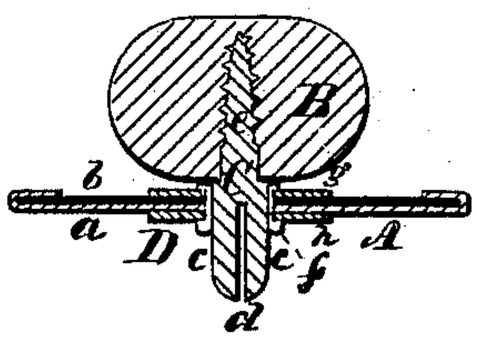


Fig. 3.



Witnesses.

Wendell R. Curtis

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Inventor.

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UNITED STATES PATENT OFFICE.

THEODORE E. KING, OF ROCKVILLE, CONNECTICUT.

IMPROVEMENT IN CURTAIN-FASTENERS.

Specification forming part of Letters Patent No. **170,674**, dated December 7, 1875; application filed November 4, 1875.

To all whom it may concern:

Be it known that I, THEODORE E. KING, of Rockville, in the county of Tolland and State of Connecticut, have invented certain new and useful Improvements in Carriage-Buttons; and I do hereby declare that the following is a full, clear, and exact description thereof, whereby a person skilled in the art can make and use the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon.

Like letters in the figures indicate the same parts.

My invention relates to carriage-buttons, such as are used for fastening the curtains of the top, which are made to roll up or to take off, and are buttoned on when needed.

My invention consists in a screw-pin having a slit in the part forming the button, which is inserted into the body or frame of the top, to hold the eye, which is secured into the leather or other material of the curtain.

In the accompanying drawing, Figure 1 is a front view of part of a curtain having my improved fastening. Fig. 2 is a vertical cross-section through the curtain and one of the bars of the frame of a carriage-top. Fig. 3 is a horizontal section through the center of the button.

A is the curtain, usually consisting of the outside leather *a* and a lining, *b*. B represents one of the bars of the frame. C is the button. This consists of a cylindrical portion, *c*, rounded on the end over which the eye in the curtain passes, and provided with the thin slit *d*, extending from the end nearly to where it enters the bar B. The sides of this slit are slightly spread apart, so that the eye, which just fits the part of the button next to B, shall cause the two sides of the pin to slightly spring together as it passes over, thus requiring some little pressure to force it on or off. The part of C which enters into the bar B is cut into a screw, *e*, to be turned into the wood of the bar, and hold the button firmly in its place. D is the eye, which fits over the button C. This consists of the thimble *f*, which passes through the washers *g* and *h* and the thickness of the curtain, and is headed over, so as to embrace the whole securely.

When it is desired to attach the curtain the several eyes, which are placed around its border in the customary manner, are pressed over their respective buttons, and are held in place by the friction caused by the slight spring of the two sides of the pin *c*. To remove them the eyes are merely pulled off. If at any time it is desired to have the buttons hold the curtains more firmly, or the pins have become worn, the slit *d* can be opened a little more to increase force required to press the eye on or off.

What I claim as my invention is—

1. The combination of the pin C, consisting of a metallic cylinder, with a slit cut longitudinally through its outer part, *c*, and the eye D, to form a buttoning device, substantially as herein described.

2. The pin C, constructed, as herein described, with the slit *c* and the screw *e*, substantially as herein set forth.

THEODORE E. KING.

Witnesses:

THEO. G. ELLIS,

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