

T. D. MARSH.

Improvement in Carriage-Curtain Fasteners.

No. 127,780.

Patented June 11, 1872.

Fig. 1.

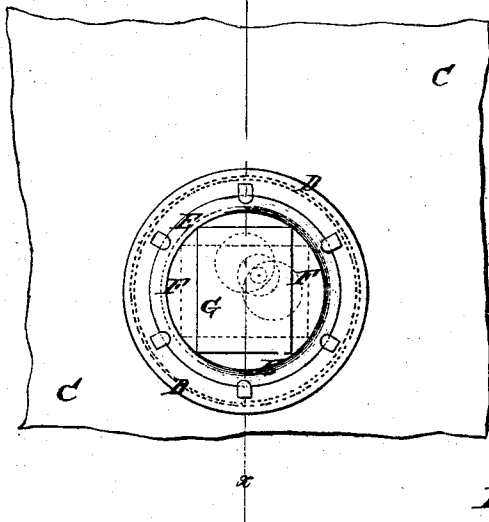


Fig. 2.

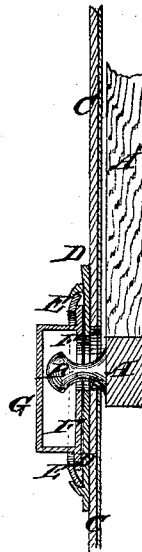
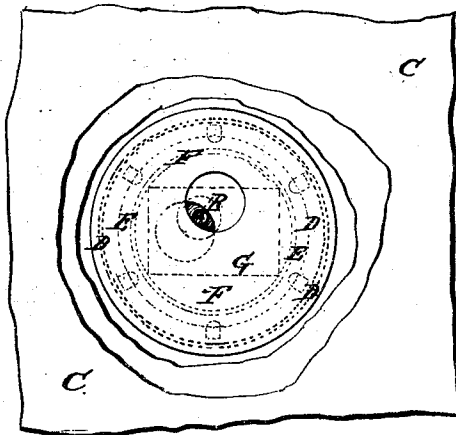


Fig. 3.



Witnesses:

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IMPROVEMENT IN CARRIAGE-CURTAIN FASTENERS.

Specification forming part of Letters Patent No. 127,780, dated June 11, 1872.

Specification describing a new and useful Improvement in Cam Button-Hole for Carriage-Curtains, &c., invented by TIMOTHY DWIGHT MARSH, of Jersey, county of Licking, State of Ohio.

In the accompanying drawing, Figure 1 is an outside view of my improved cam button-hole, showing in dotted lines the manner of locking the knob in place. Fig. 2 is a detail sectional view of the same taken through the line *x x*, Fig. 1. Fig. 3 is an inside view of the same, showing in full and dotted lines the manner in which the knob is secured in place.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish an improved cam or lock button-hole for carriage-curtains and other similar uses, which shall be simple in construction, strong, durable, and reliable, not liable to get out of order, to become accidentally loosened, or clogged with mud; and it consists in the construction and combination of various parts of the device, as hereinafter more fully described.

A represents the frame of a carriage-top; B, the curtain-knob; and C, the curtain, about the construction of which parts there is nothing new. D is a metallic plate, which is sewed or otherwise secured to the curtain C, and which has a hole formed through it of such a size as to allow the knob B to pass through freely. E is a ring-plate, placed upon the outer side of the plate D, and secured in place by tongues or points cut out of the plate D, and struck up so as to overlap and clasp the edges of the said ring-plate E. The ring-plate E is struck up or convexed, as shown in Figs. 1 and 2, to form a recess to receive a plate, F, which is so formed

as to fit into and turn in the recess formed between the plates D E. Upon the outer side of the plate F is formed a cap, G, to cover and protect the hole through said plate F, and to serve as a handle for operating said plate. The form of the cap G is immaterial, so long as it can be conveniently grasped to operate the plate F, and it may be ornamented as may be desired. In the plate F is formed a hole, of such a size that the knob B may pass through it readily. The holes in the plates D F are made eccentric, as regards the center of the plate F, and in such positions that when the plate F is turned into one position the holes in the plates D E may coincide, so that the two plates may be readily slipped over the knob B; then, by turning the plate F in one or the other direction, by means of the cap G, the hole in the plate D will be partially covered by the plate F, so that the knob B cannot pass through, the edges of said plates D F resting against the neck of the knob B, as shown in Figs. 1 and 3.

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

The combination of the stationary perforated plate D, ring-plate E, movable perforated plate F, and cap G, or their or either of their substantial equivalents, with each other, the perforations of said plates D E being made eccentric with respect to the center of said plate F, substantially as herein shown and described, and for the purpose set forth.

TIMOTHY DWIGHT MARSH.

Witnesses:

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