H. P. ELSTON.

CARRIAGE-CURTAIN FASTENER.

No. 192,748. Patented July 3, 1877.

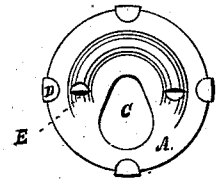


Fig. 1.

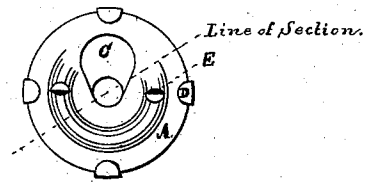


Fig. 2.

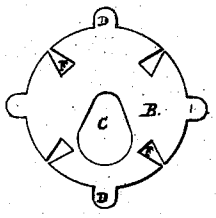


Fig. 3.

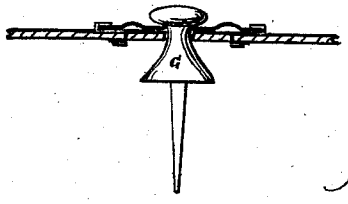


Fig. 4.

Scale.-Full Size.

1 In. 2 In.

Witnesses;
Thomas S. Atkins.
Emmet Crunk.

Inventor,
Henry P. Elston.

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

HENRY P. ELSTON, OF RICHMOND, VIRGINIA.

IMPROVEMENT IN CARRIAGE-CURTAIN FASTENERS.

Specification forming part of Letters Patent No. **192,748**, dated July 3, 1877; application filed February 10, 1877.

To all whom it may concern:

Be it known that I, HENRY P. ELSTON, of Richmond, in the county of Henrico and State of Virginia, have invented certain new and useful Improvements in Curtain-Fasteners, of which 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, which form a part of this specification, and in which—

Figures 1 and 2 are plan views of the upper plate of my device. Fig. 3 is a similar view of the lower plate, and Fig. 4 is a sectional view of my complete device.

Similar letters of reference occurring on the several figures indicate corresponding parts.

My invention relates to curtain-fasteners for vehicles, and is designed as an improvement upon the curtain-fastener for which Letters Patent of the United States were granted to T. D. Marsh, under date of June 11, 1872, and numbered 127,780; and it consists in providing the lower plate of the device with penetrating-prongs struck up from the metallic body, for readily attaching the device to carriage-curtains.

It further consists in providing the upper plate with projecting lugs or spurs, struck up from the body of the metallic plate, and standing at right angles thereto, for readily turning said plate in either direction, to allow of the entrance or removal of the knob-button, all as will be hereinafter more fully described, and pointed out in the claim.

Referring to the drawings, B represents the lower plate, constructed of suitable sheet metal, of a circular shape, and provided with four projecting semicircular lugs, D, arranged at right angles to each other. At equal distances between the lugs D are formed triangular spurs or projections F, cut out from the body of the metallic plate, as shown in Fig. 3, said spurs being adapted to be bent at right angles to the plate, for ready insertion in the carriage-curtain to secure the complete device in place.

A represents the upper plate, of a circular shape and slightly concave, provided near the center with spurs or projections E, struck up from the body of the plate, and having a central oval-shaped opening, C, as shown in Figs. 1 and 2, said plate being of the same circumference as the lower plate, upon which it rests, and is secured thereto by bending the lugs D of the lower plate over the edges of the upper plate, as shown.

It will be observed that when the two plates A and B are connected together, and the oval-shaped openings C in each are brought opposite each other, the knob-button G readily passes through the larger part of the said openings, and where it may then be secured in place by turning the plate A partially around, so as to bring the smaller end of the opening around to the smaller end of the opposite opening, thereby holding the knob-button between the two.

The advantages of my invention will be readily apparent, inasmuch as it combines in its construction and operation a high degree of cheapness and economy of construction with a ready adaptation to the purpose intended.

I am aware of the patent to H. Drake of date June 10, 1873, and hereby disclaim the construction shown therein.

Having thus described my invention, what I claim as new and useful is—

As an improved article of manufacture, the hereinbefore-described curtain-fastener, consisting of the lower plate B, having spurs or projections F, lugs D, and central opening C, combined with the upper plate A, having spurs E and central opening C, substantially as and for the purpose described.

HENRY P. ELSTON.

Witnesses:

THOMAS S. ATKINS,

EMMET CRUMP.