(No Model.)

F. A. BRANDENBURG.

CARRIAGE CURTAIN FIXTURE.

No. 382,287. Patented May 1, 1888.

Fig. I.

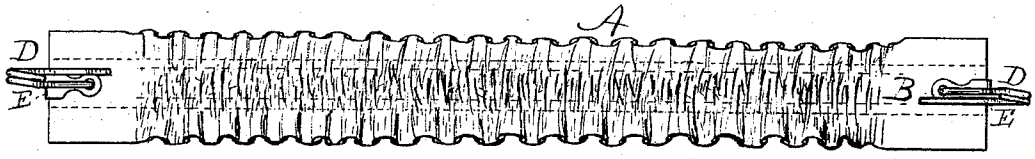


Fig. II.

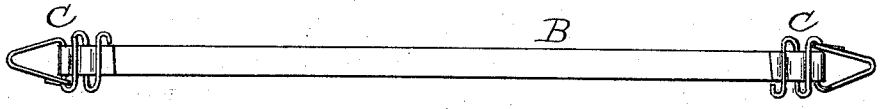


Fig. III.

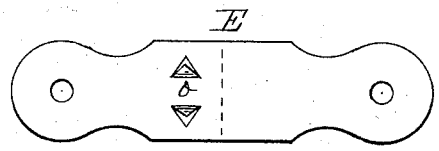
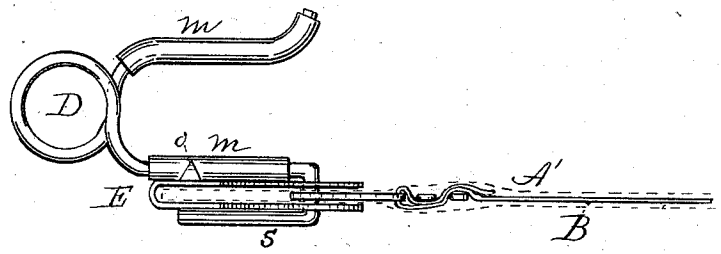


Fig. IV.



Witnesses.
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UNITED STATES PATENT OFFICE.

FOWLER A. BRANDENBURG, OF VANDALIA, OHIO.

CARRIAGE-CURTAIN FIXTURE.

SPECIFICATION forming part of Letters Patent No. 382,287, dated May 1, 1888.

Application filed July 25, 1887. Serial No. 245,184. (No model.)

To all whom it may concern:

Be it known that I, FOWLER A. BRANDENBURG, a citizen of the United States, residing at Vandalia, in the county of Montgomery and State of Ohio, have invented certain new and useful Improvements in Carriage-Curtain Fixtures; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to improvements in carriage-curtain fasteners, and is an improvement on my invention described in Letters Patent for carriage-curtain, No. 357,265, issued to me February 8, 1887.

The several features of the invention will be fully hereinafter set forth.

The mechanism is illustrated in the accompanying drawings, in which--

Figure I is a side view of the lower section of a carriage-curtain with the improved clasps attached. Fig. II is a view of the elastic band with the wire fastener attached. Fig. III is an enlarged view of the binding-plate. Fig. IV is an enlarged view of the curtain-clasps, showing the relation of all the parts.

Similar letters designate like parts throughout the several views.

A represents the lower portion of a carriage-curtain, which is crimpled by the elastic strap B, which occupies a sheath of said curtain, and is attached at the edges of said curtain by means of the clasps D, binding-plates E, and the wire fastener C. The curtain is made of cloth, with sheaths to embrace the elastic straps near the top and bottom edges, and is held to the bows of carriages by the retraction of the elastic straps holding the fasteners over said bows. The curtains are used only temporarily, and serve the purpose of shades during the summer season, and are identical with my former invention.

The present invention consists alone in the clasp to hold the curtain on the carriage-bows.

At B, Fig. II, is shown the elastic strap as attached to the wire fasteners C C. These fasteners have the form shown, the outer end being adapted to receive the loop end of the clasps, and the inner ends adapted to receive the folded ends of the strap and to confine the same between the folds of said loops, that the same may be fixedly held.

The plate E has holes in both ends, and to the left of the center two lips, *o*, are cut out of the plate.

D is a clasp formed of wire. The parallel parts adjoining the coils are adapted to embrace carriage-bows, and the part *s* hooks into the binding-plate. Sections, *m m*, of rubber tubing are used to cover portions of the clasps to prevent abrasion of the bows. The relation of the several parts is shown at Fig. IV, and the attachment of the clasps is thus described: The plate E is bent at its center and covers the edge of the curtain. (See Fig. IV.) The end *s* of the clasp D is passed through the top hole of plate E, through the side of the sheath, through the fastener of the elastic strap, through opposite side of sheath and plate, and is then bent snugly against the under surface of the plate. This completes the attachment, with the exception that the lips *o* of the plate are bent so as partly to embrace a rear portion of said clasps. Thus are firmly united the curtain, elastic strap, and the fastener.

The end of the clasps may be modified, the essential feature of the invention being in the uniting of the several parts as above specified.

Having fully described my invention, what I claim, and desire to secure by Letters Patent, is—

1. A carriage-curtain fixture comprising an elastic strap held in the sheath or hem of the curtain, the fastener attached to the end thereof, the plate folded over said fastener, and the clasp with looped end, which passes through the plate and fastener to bind the same together, substantially as described.

2. The wire fastener composed of an angular loop to embrace the folded end of the bow-clasp and parallel folds to engage an elastic strap, substantially as shown and described.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

FOWLER A. BRANDENBURG.

Witnesses:
B. PICKERING,
SUMNER T. SMITH.