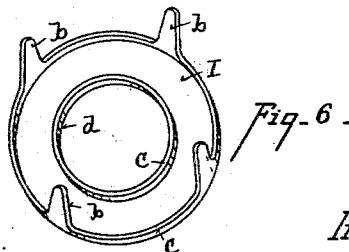
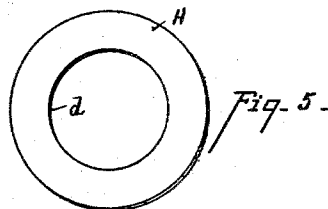
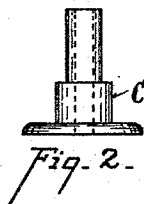
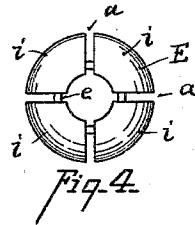
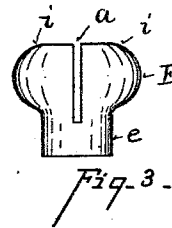
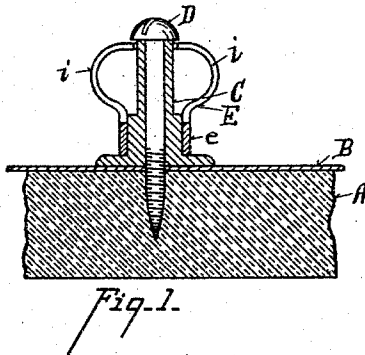


(No Model.)

C. A. BEHLEN.
CARRIAGE CURTAIN FASTENER.

No. 514,346.

Patented Feb. 6, 1894.



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UNITED STATES PATENT OFFICE.

CHARLES A. BEHLEN, OF CINCINNATI, OHIO.

CARRIAGE-CURTAIN FASTENER.

SPECIFICATION forming part of Letters Patent No. 514,346, dated February 6, 1894.

Application filed May 22, 1893. Serial No. 475,067. (No model.)

To all whom it may concern:

Be it known that I, CHARLES A. BEHLEN, a citizen of the United States, residing at Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Carriage-Curtain Fasteners, of which the following is a specification.

The object of my invention is to provide a fastening by means of which the curtains can be readily put on and taken off a carriage, and yet will be securely held in position when on.

The various features of my invention are fully set forth in the description of the accompanying drawings making a part of this specification, in which—

Figure 1 is a sectional elevation of my improvement in position on a carriage bow. Fig. 2 is an elevation of the holding post. Fig. 3 is an elevation of the shell. Fig. 4 is a top plan view of Fig. 3. Fig. 5 is a perspective view of the curtain washer. Fig. 6 is a perspective view of the curtain washer fastening.

A represent a carriage bow, B the cover of the same. C the tubular fastening post having a flanged base and attached to the bow by means of the screw D which passes through the central bore and taps into the bow, body or back-stays for holding the fastening post in position.

E represents a spherical spring shell secured to the base of the post; it is made spherical in shape and is provided with slots *a* to allow the shell to be decreased in circumference by compression.

H represents a curtain washer. I the curtain fastener which is provided with tangs *b*, and the rim *c*; the two parts H and I are united in the following manner: The tangs are forced through the curtain, then the washer placed inside of the tangs, and the ends of the tangs bent over making a metal lining on each side of the curtain which prevents it from being torn. This is shown simply as the preferred form of construction. The washer H and fastening I are provided with eyes *d*, and they normally engage with the shank *e* of the spherical shell E; the shank, or that portion between the ball and the base of the fastening post, is shown of considerable length because it is sometimes convenient to attach two curtains to the same

fastening and sufficient space should be provided for this purpose.

The parts are used as follows: The eyelets are placed upon the curtains, and the fastening post upon the bow or body to which the curtains are to be attached; the eyelet readily engages over the top of the post and a slight pressure upon it compresses the segments sufficiently to allow the eyelet to slip over, when the segments spring back into position. The bottom section of the shell is likewise round or spherical so that pressure exerted upward on the eyelet of the curtain will compress the shell and allow the eyelet to slip off. I prefer to have a separable screw with the head resting on the top of the post C and raised above the shell sufficient distance not to interfere with the compression and expansion of said shell, and yet serves as a sufficient guard to prevent the shell from coming off if it is accidentally loosened from its anchorage to the foot of the post. The cylindrical portion of the shell may be made integral with the base of the post, or it may be sprung on to the cylindrical post when the screw head or other similar means serving as a guard is employed to prevent the shell from coming off.

Having described my invention, what I claim is—

1. A carriage curtain fastener, consisting of the tubular post C, the spherical slotted shell E rigidly secured to the post and through which the latter extends, the screw D loosely passing through the post for securing the latter in position, and a curtain eyelet I adapted to engage the spherical slotted shell, substantially as described.

2. A carriage curtain fastener, consisting of the tubular post C having a laterally flanged base, the spherical slotted shell E rigidly attached to the post in juxtaposition to the laterally flanged base thereof, the screw D loosely passing through the post for securing the latter in position, and a curtain eyelet I adapted to engage the spherical slotted shell, substantially as described.

In testimony whereof I have hereunto set my hand.

CHARLES A. BEHLEN.

Witnesses:

T. SIMMONS,
C. W. MILES.