

(No Model.)

G. W. BEERS.

CARRIAGE CURTAIN ROLLER BRACKET.

No. 265,564.

Patented Oct. 10, 1882.

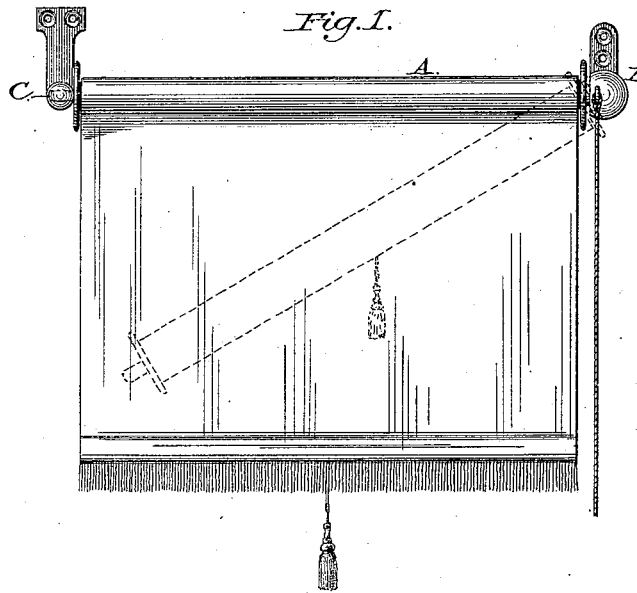


Fig. 2.

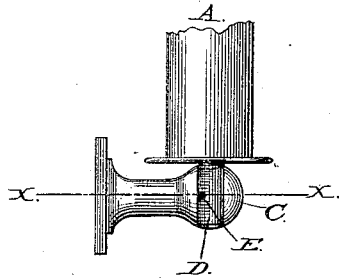
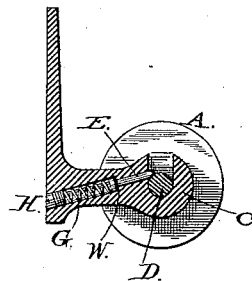


Fig. 3.



Witnesses:

John A. Ellis.
James P. Freeman.

Inventor:

George W. Beers
By David A. Burr
Attorney.

UNITED STATES PATENT OFFICE.

GEORGE W. BEERS, OF BRIDGEPORT, CONNECTICUT.

CARRIAGE-CURTAIN-ROLLER BRACKET.

SPECIFICATION forming part of Letters Patent No. 265,564, dated October 10, 1882.

Application filed July 7, 1882. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. BEERS, of Bridgeport, in the county of Fairfield and State of Connecticut, have invented certain new and useful Improvements in Roller-Posts for Carriage-Curtains; and I do hereby declare that 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, making a part of this specification.

My invention relates to the construction of posts for the swinging-curtain rollers in landau carriages; and its object is to prevent the free end of the roller from working out of its seat in the post, and to prevent also its rattling therein and render it wholly noiseless.

It consists in the combination of a spring-actuated detaining-pin with the body of the post, so that, although concealed therein in such manner as to not mar the appearance of the post, its end shall bear with an elastic pressure upon the journal-pin at the end of the roller to hold it closely in place and yet allow its free revolution and ready removal, as required.

In the accompanying drawings, Figure 1 is an elevation of a landau-carriage curtain and roller; Fig. 2 a top view of the free end of the roller in its seat; and Fig. 3, a section in line *xx* of Fig. 2.

A is the curtain-roller, and B the swivel-post, to which one end of the roller is secured, and which permits the roller to drop to a vertical position when its opposite end is released from the journal-post C.

The free end of the roller A is fitted with a journal-pin, D, Figs. 2 and 3, adapted to rest in the seat formed for its reception in the journal-post C. Ordinarily the journal-pin D is apt to spring from its bearing in the post C, and, resting loosely in the bearings, is subject to constant rattling when the carriage is in motion. This is prevented in the construction of the improved post C by means of a detaining-

pin, E, (see Fig. 3,) fitted in an aperture drilled through the body of the post from the rear at such an angle as that the front end of the detaining-pin shall project over and bear upon the upper side of the journal-pin when it is resting properly in its bearings. The outward projection of the detaining-pin E is determined by means of a shoulder, W, thereon, adapted to strike against an offset in the aperture in the post, and it is forced outward by means of a spiral spring, G, encircling its inner end, (see Fig. 3,) the spring and pin being confined within the aperture in the post by means of a screw, H, which closes its outer end.

In operation the end of the detaining-pin E, bearing with an elastic pressure upon the journal-pin D of the curtain-roller, (see Figs. 2 and 3,) serves to hold it closely and securely in place without interfering with its rotation, but with sufficient firmness to prevent it from rattling or from springing accidentally from its seat. When, however, it is required to swing the roller down to open the carriage-top (see dotted lines, Fig. 1) the journal-pin may be lifted from its seat with very little exertion, the elastic detaining-pin yielding readily to such an effort.

I claim as my invention—

The combination, with a carriage-curtain post, C, of a spring-actuated detaining-pin, E, concealed and confined within the post, and adapted to bear outwardly with an elastic pressure upon the upper side of the journal-pin of the curtain-roller when adjusted to its bearing in the post, substantially as and for the purpose herein set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

GEORGE W. BEERS.

Witnesses:

F. B. HAWLEY,
A. D. LEWIS.