

No. 747,739.

PATENTED DEC. 22, 1903.

M. A. MACK.
CARRIAGE POLE PROTECTOR.
APPLICATION FILED NOV. 9, 1903.

NO MODEL.

Fig. 1.

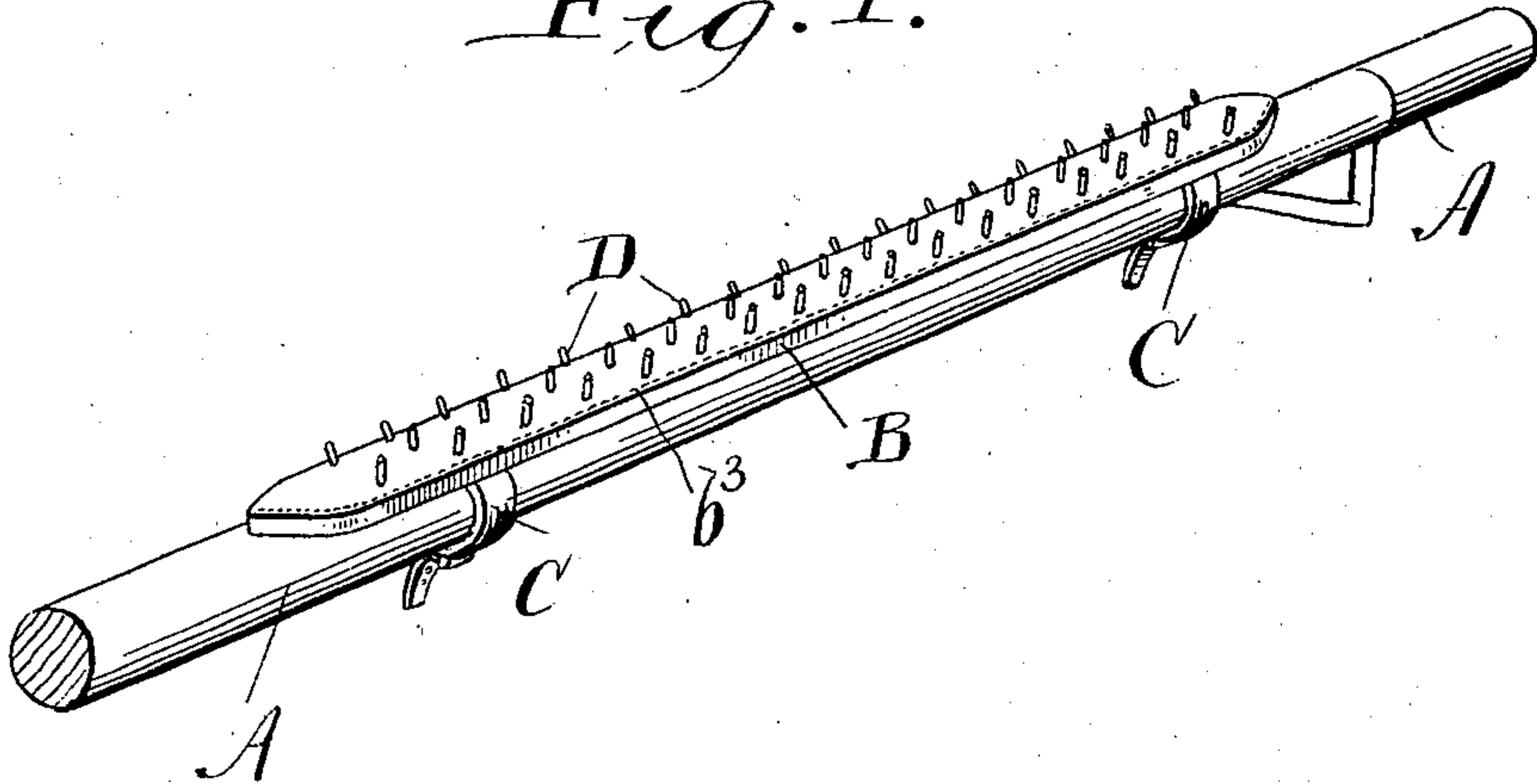
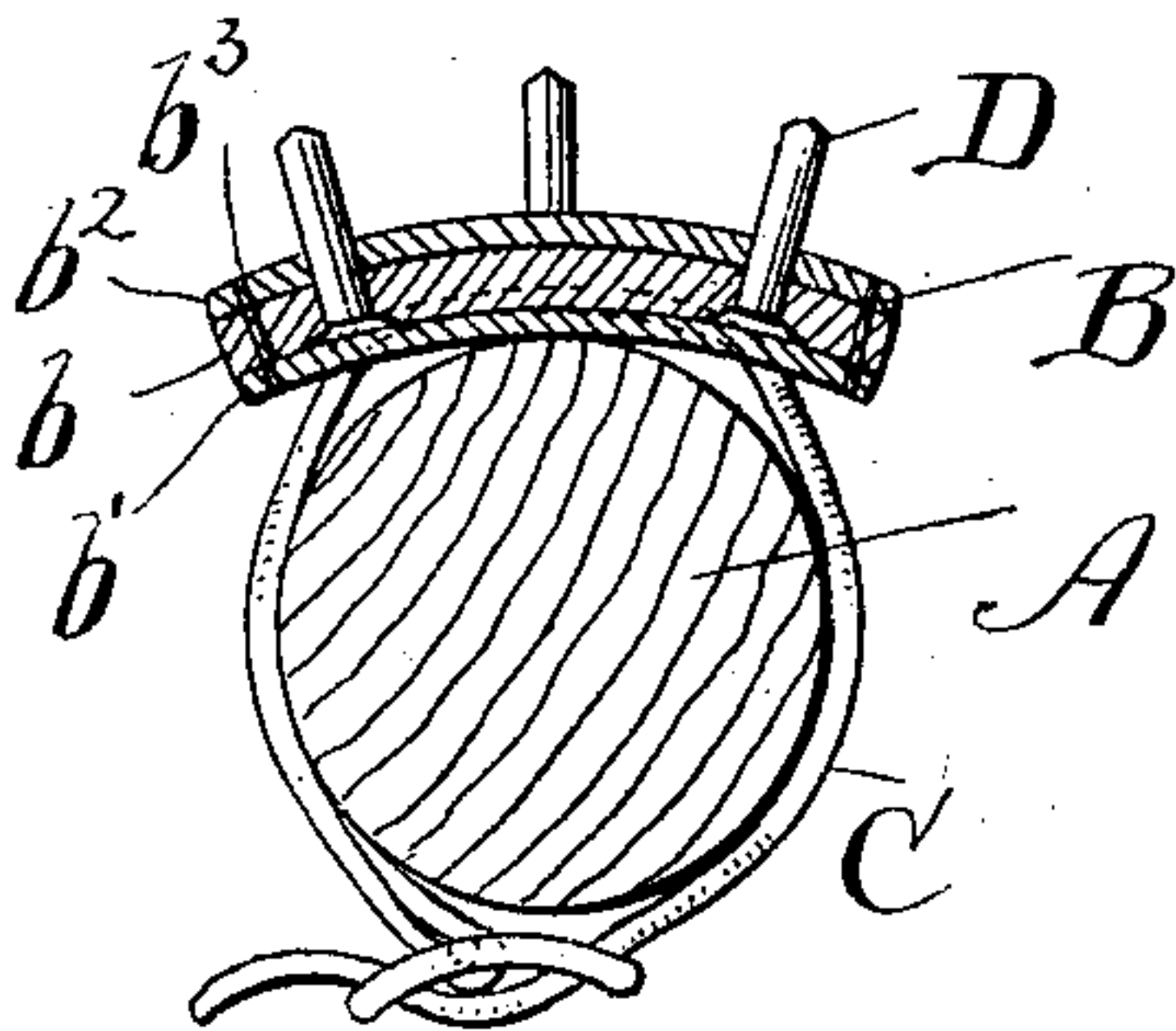


Fig. 2.



Witnesses.
E. B. Gilchrist
J. B. Hull.

Inventor
Margaret A. Mack,
By her Attorneys,
Thurston & Bates.

UNITED STATES PATENT OFFICE.

MARGARET A. MACK, OF CLEVELAND, OHIO.

CARRIAGE-POLE PROTECTOR.

SPECIFICATION forming part of Letters Patent No. 747,739, dated December 22, 1903.

Application filed November 9, 1903. Serial No. 180,355. (No model.)

To all whom it may concern:

Be it known that I, MARGARET A. MACK, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented a certain new and useful Improvement in Carriage-Pole Protectors, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings.

Owners of handsome carriages are frequently annoyed by the horses biting the pole near the front end, giving it an unsightly appearance.

The object of the present invention is to prevent this, and the result is accomplished by securing to the pole near its forward end just behind the yoke a suitable pad carrying prongs or projections adapted to hurt the horse's mouth if he attempts to bite the pole. I have found that if the projection be made of a leather pad strapped to the pole and carrying on its upper side short projecting blunt prongs the appearance is neat and unobtrusive, while the effect of the protector is to entirely prevent the horses biting the pole. The horse is not injured by the prongs, as he learns at once to let the pole alone.

My invention comprises a pad so arranged. It is illustrated in the drawings herein and is hereinafter more fully described.

In the drawings, Figure 1 is a perspective view of the front portion of a carriage-pole having my protector applied to it. Fig. 2 is a cross-section of the same.

Referring to the parts by letters, A represents the pole, and B the protector, which is strapped to it by straps C, which pass under the pole. The protector carries, extending from its upper surface, a series of blunt prongs or projections D, as shown. I have found it very convenient to make the pad B of two or more thicknesses of leather. The prongs may very conveniently be short wire blunt nails driven through one thickness *b*, with their heads on the under side thereof. Beneath these heads is the under thickness of the pad

b'. Through slots in this under thickness may very conveniently pass the straps C, a portion of the strap being thus held between the leathers *b* and *b'*. A top piece of enameled leather *b*² adds to the beauty of the pad. The various thicknesses of the pad are secured together by stitches *b*³. If the pad is made of substantially the same color as the pole—black, for example—it is hardly noticeable in driving. The prongs should not be sharp enough to cut the horse's mouth. They may be quite blunt and still deter the horse from biting the pole.

Having described my invention, I claim—

1. A carriage-pole protector consisting of a pad adapted to be secured thereto and carrying prongs or projections, substantially as described.

2. A carriage-pole protector comprising a pad having prongs or projections on its upper surface and straps whereby it may be secured to the pole, substantially as described.

3. A carriage-pole protector comprising a pad made of two or more thicknesses of leather, prongs passed through an upper thickness and having heads between the thicknesses, and means for securing such pad to the pole, substantially as described.

4. The combination, with a carriage-pole, of a protector arranged and adapted to be secured to the same near its forward end and carrying projections adapted to deter the horses from biting the pole, substantially as described.

5. The combination, with a carriage-pole, of a pad strapped to the upper surface thereof near the forward end and having prongs projecting upward from it, substantially as described.

In testimony whereof I hereunto affix my signature in the presence of two witnesses.

MARGARET A. MACK.

Witnesses:

ALBERT H. BATES,
B. W. BROCKETT.