No. 857,034. PATENTED JUNE 18, 1907.

S. H. CRUM.

HORSE COLLAR.

APPLICATION FILED AUG. 13, 1906.

Fig. 1.

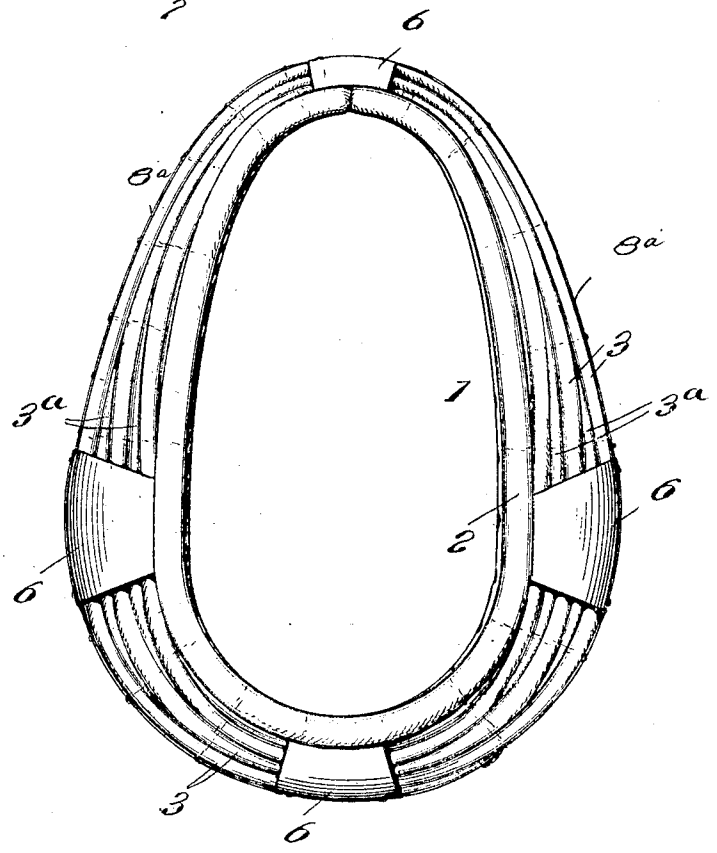
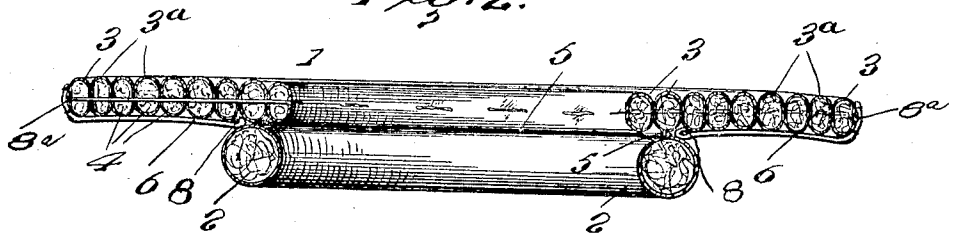


Fig. 2.



Witnesses

Inventor

S. H. Crum

By P. A. P. Lacey.

Attorneys

THE NORRIS PETERS CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

SAMUEL H. CRUM, OF ORANGEBURG, SOUTH CAROLINA.

HORSE-COLLAR.

No. 857,034. Specification of Letters Patent. Patented June 18, 1907.

Application filed August 13, 1906. Serial No. 330,421.

To all whom it may concern:

Be it known that I, SAMUEL H. CRUM, a citizen of the United States, residing at Orangeburg, in the county of Orangeburg and State of South Carolina, have invented certain new and useful Improvements in Horse-Collars, of which the following is a specification.

The object of this invention is to provide a peculiar construction of horse collar designed particularly to increase the lasting qualities of articles of this class, to secure a collar which may be cheaply and advantageously made from the standpoint of manufacture, and one which is simple so far as concerns the specific structure thereof.

For a full understanding of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result, reference is to be had to the following description and accompanying drawings, in which:

Figure 1 is a perspective view of a horse collar embodying the invention; and, Fig. 2 is a horizontal sectional view.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

Specifically describing the exact form of collar comprising the present invention, and referring to the drawing, the numeral 1 designates the body of the collar and the numeral 2 indicates the neck roll. The body of the collar is made of a peculiar form, being composed of laminæ or layers of material secured together to form a compact body portion and one which has great wearing or resisting qualities, as will be apparent as the description proceeds.

In constructing the body 1 of the collar, it is preferred that the laminæ 3 shall be made from a tubular strip of material such as fabric, leather or the like, which is filled with a suitable filling of saw-dust, hair or any analogous material, the laminæ being secured together side by side by means of stitching of wire, or the like.

In order to form the laminæ 3, the tubular strips of material constituting the same may have the longitudinal edge portions stitched together, and the filling, indicated 4, of the laminæ strengthens the body thereof and insures a stout wearing article under actual conditions of service. If desirable, in forming the body 1 of the collar, the layers or laminæ 3 may be wrapped in close contact to one another and may constitute a continuous portion of a single strip of filling material, thus simplifying the actual making of the article, viewed from the standpoint of manufacture. To give the desired conformation to the opposite side portions of the collar, which are ordinarily considerably wider than the upper and lower portions, it is contemplated to interpose short laminæ or layers of material, designated 3^a which are stitched or otherwise secured to the laminæ 3 and which will give the desired increase in width of the side of the collar in an obvious way. The neck roll 2 of the collar constitutes an integral portion of one of the laminæ 3, the lamina to which the neck roll is attached being secured between other adjacent layers or laminæ of the body portion of the collar. The lamina with which the neck roll 2 is formed is separated therefrom only by a line of stitches shown at 5, and it will be seen that the neck roll is very firmly attached to and connected with the collar and this is an extremely advantageous feature.

The sides of the body of the collar 1 will be protected from the hame fixes by means of pieces of leather or similar protecting parts designated 6, while the upper and lower extremities of the collar will be provided with similar protective strips of material, as shown in the drawings.

To increase the substantiality of the collar, a length of wire may be wrapped about that portion thereof connecting the neck roll 2 with the body 1, said wire being designated 8 and serving to engage the inner ends of the strips of protecting material, thereby aiding in holding the latter in position. A similar reinforcement 8^a passes about the body 1 surrounding the outermost lamina thereof.

Having thus described the invention, what is claimed as new is:

1. In a horse collar, the combination of a body portion composed of a plurality of concentric tubular laminæ provided with suitable filling material, the opposite sides of the body portion being broadened by interposing short laminæ between the concentric laminæ, a reinforcing band extending around the body portion of the collar and holding the laminæ together, and a neck roll integral with one of the intermediate laminæ and projecting laterally from the body portion.

2. In a horse collar, the combination of a body portion composed of a plurality of concentric laminæ, a neck band formed in connection with one of the laminæ, a reinforcing band surrounding the portion of the collar at which the neck roll is connected to the body portion, and protecting strips extending over the face of the body portion of the collar, the inner ends of the protecting strips being secured to the before mentioned reinforcing band.

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

SAMUEL H. CRUM. [L. S.]

Witnesses:
JAS. M. BRAILSFORD,
I. W. BOWMAN.