

No. 848,447.

PATENTED FEB. 5, 1907.

W. B. ESTES.
HORSE COLLAR.
APPLICATION FILED MAY 21, 1906.

2 SHEETS—SHEET 1.

Fig. 1.

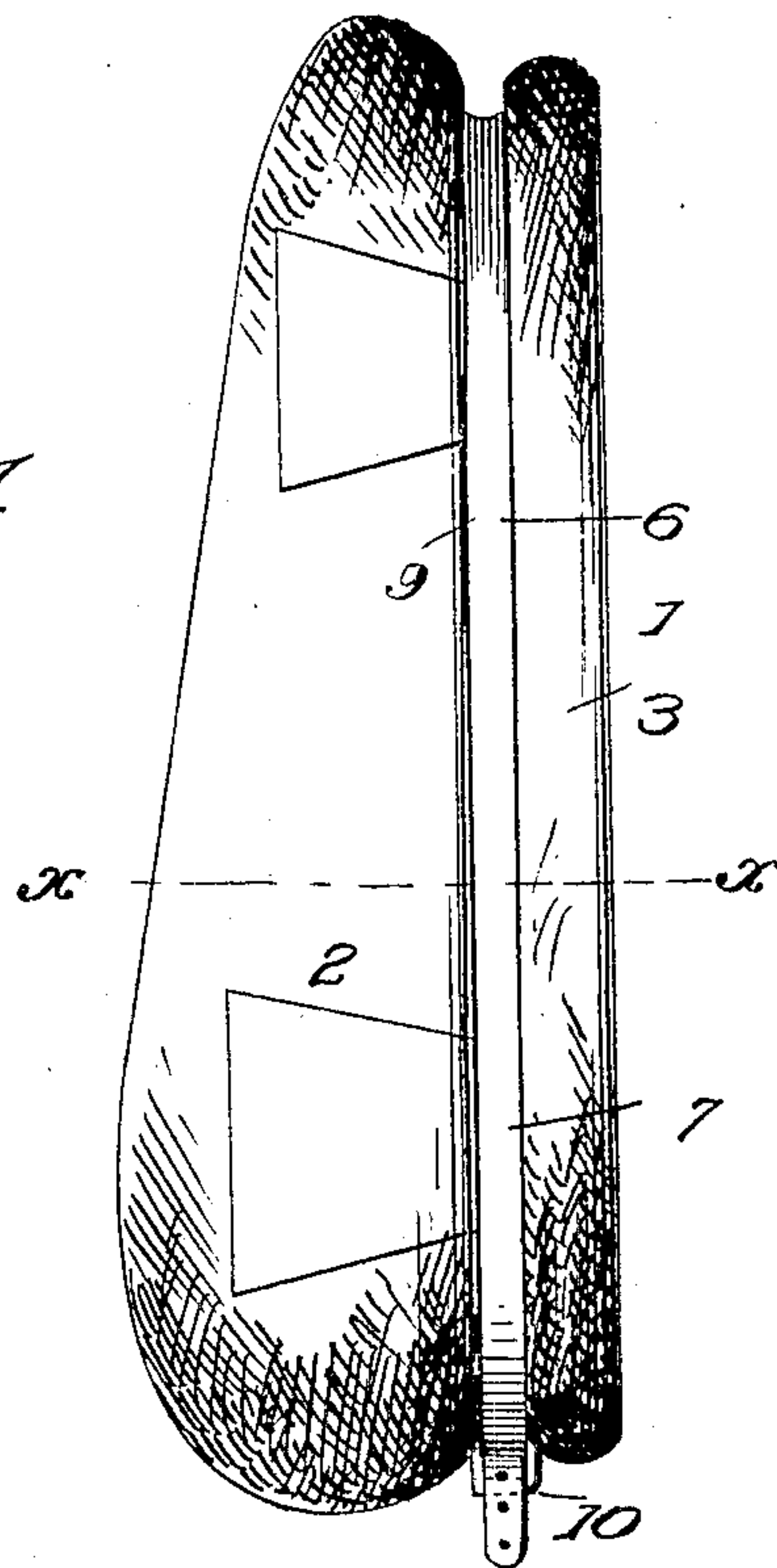
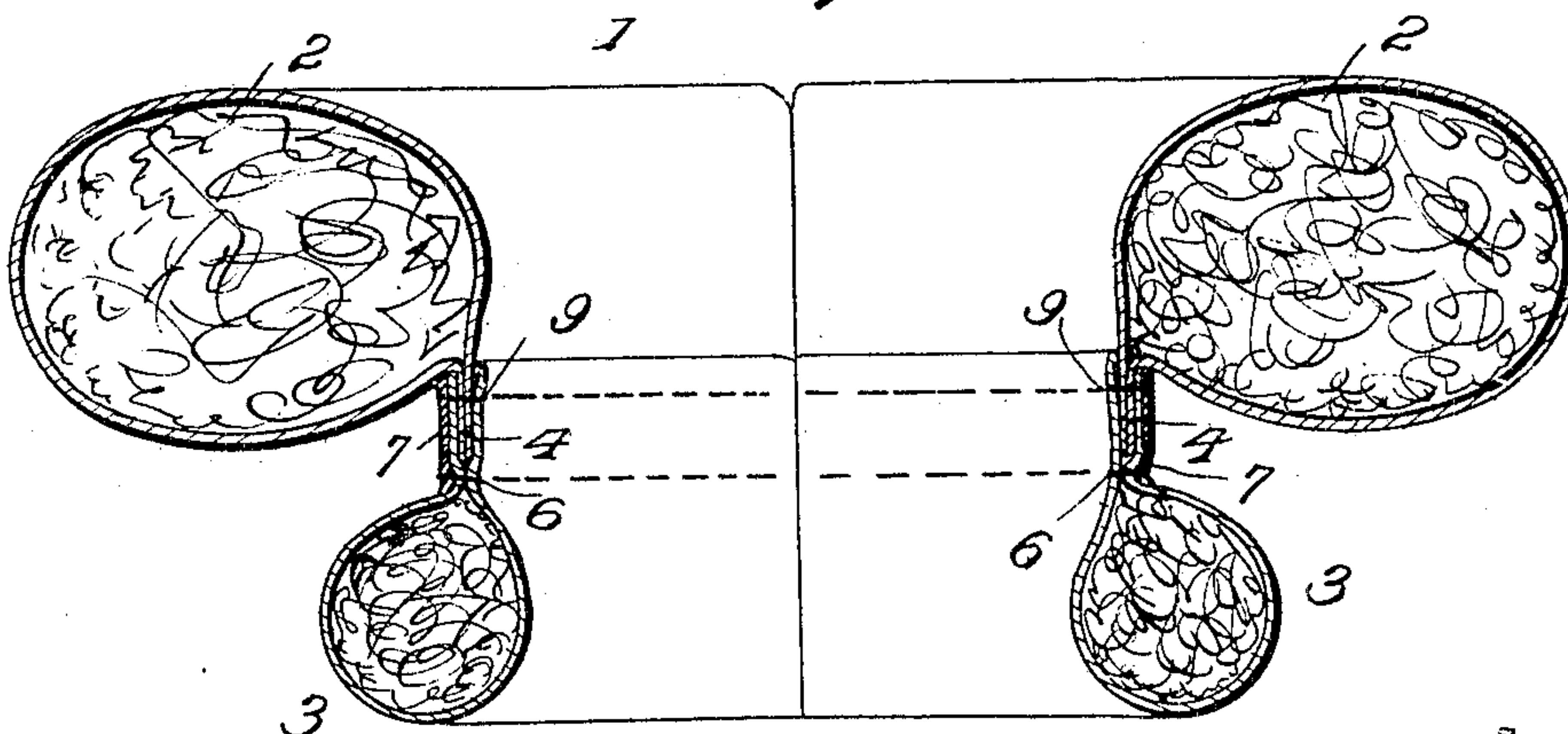


Fig. 2.



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2 SHEETS—SHEET 2.

Fig. 3.

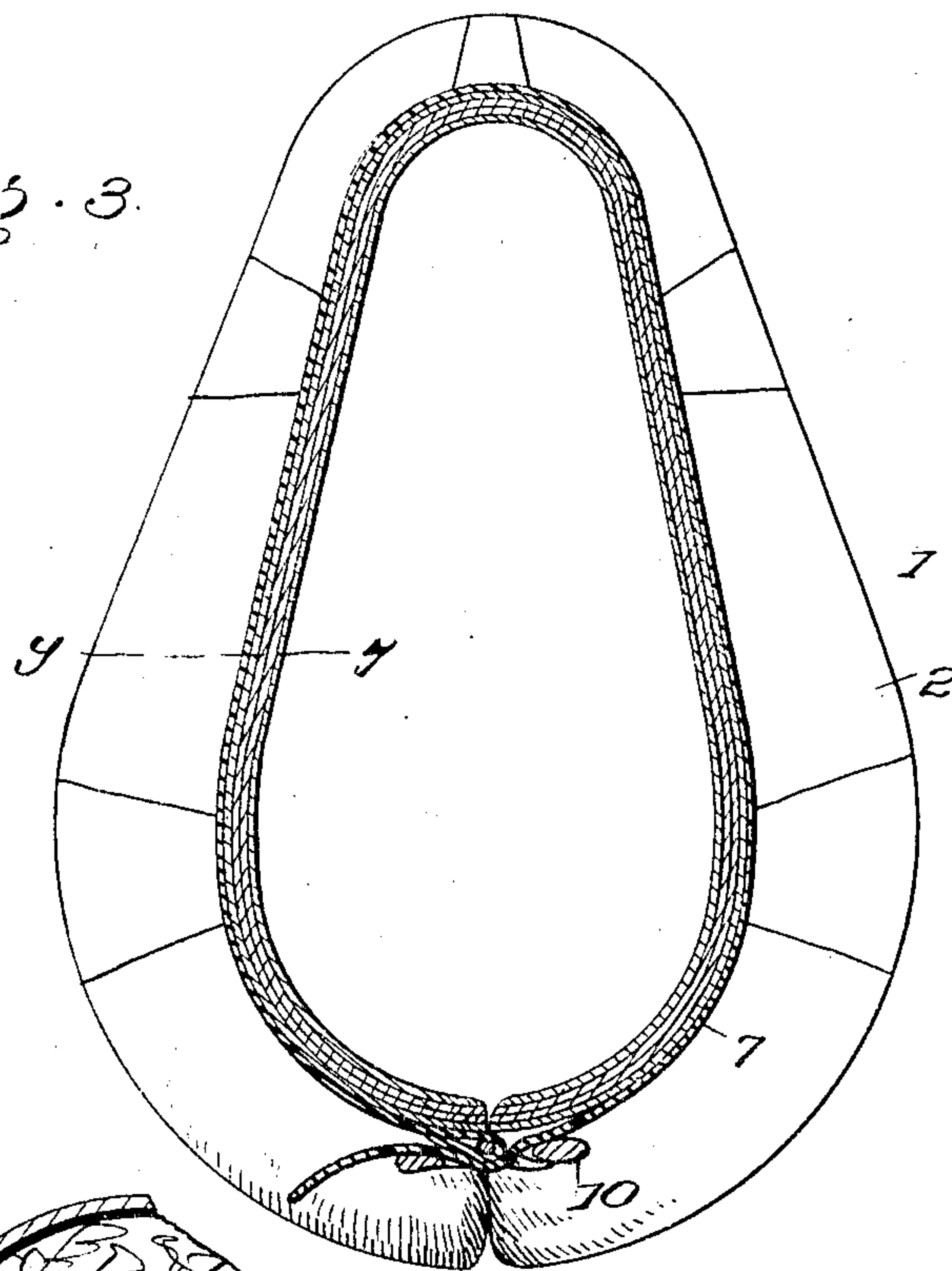
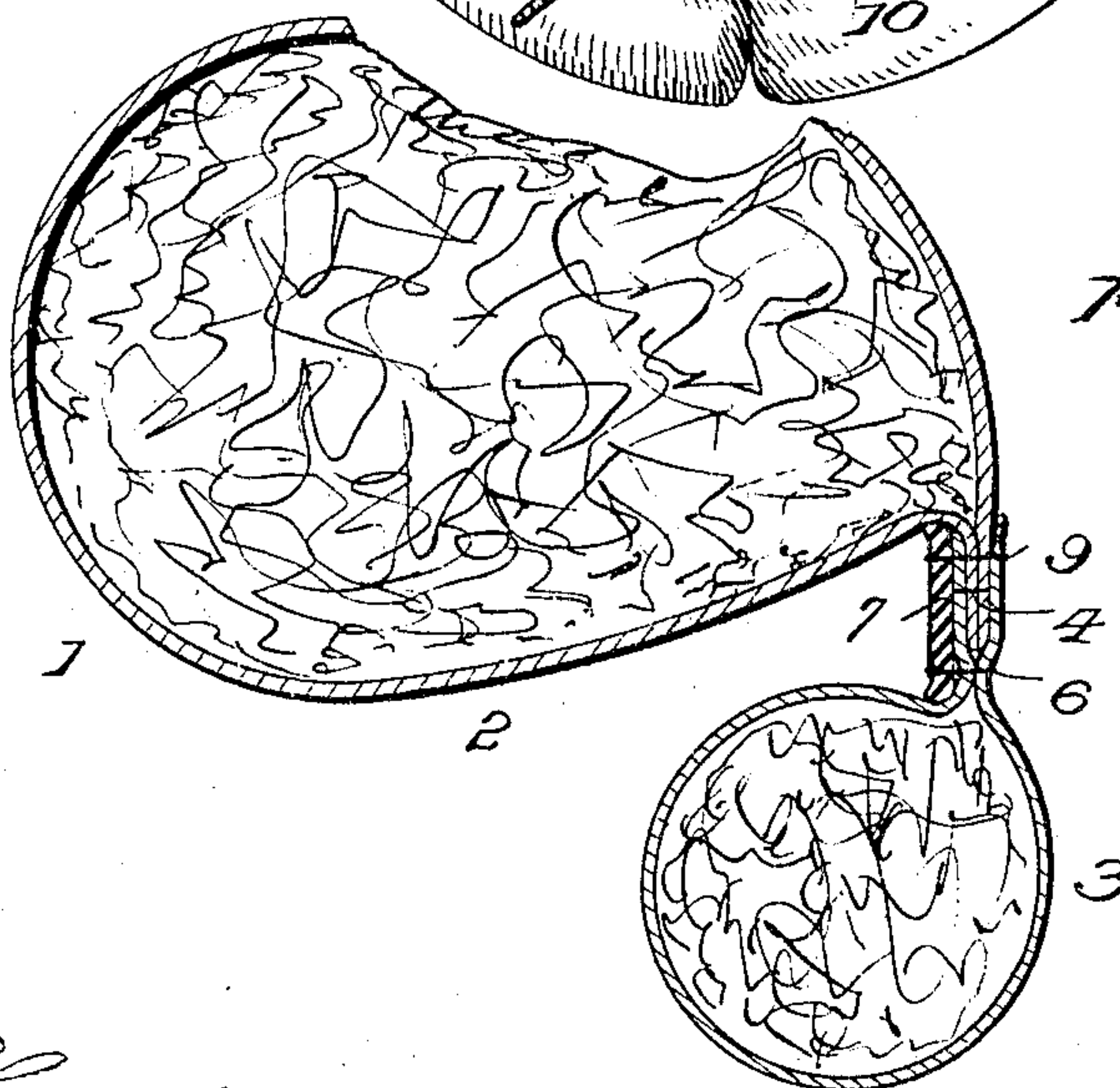


Fig. 4.



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UNITED STATES PATENT OFFICE.

WILLIAM B. ESTES, OF ATLANTA, GEORGIA, ASSIGNOR TO THE GATE CITY HORSE COLLAR COMPANY, OF ATLANTA, GEORGIA, A CORPORATION OF GEORGIA.

HORSE-COLLAR.

No. 843,447.

Specification of Letters Patent.

Patented Feb. 5, 1907.

Application filed May 21, 1906. Serial No. 318,013.

To all whom it may concern:

Be it known that I, WILLIAM B. ESTES, a citizen of the United States, residing at Atlanta, in the county of Fulton and State of Georgia, have invented certain new and useful Improvements in Horse-Collars, of which the following is a specification.

This invention relates to improvements in horse-collars.

In the manufacture of fabric horse-collars difficulty has been experienced in attaching the clamping or holding means in position because of the character of the material. Many attempts have been made to cure this defect, as by facing the attaching-point with a stronger material or extending the clamp to permit of it taking a better hold; but these attempts are defective in many particulars, and according to my invention I propose to provide an endless strap or the like to extend completely around the collar between the rim and the body thereof, so that the pull thereon is distributed downwardly throughout the entire structure. Furthermore, in securing the strap I perform an additional function, in that a reinforced seat is provided for the hames, the strap being stitched or otherwise fastened to the folded seams of the rim and body blanks.

In the drawings, Figure 1 is a side elevation of my improved collar. Fig. 2 is a horizontal section view on the line $x x$, Fig. 1. Fig. 3 is a vertical transverse section taken through the strap. Fig. 4 is an enlarged detail horizontal section on the line $y y$, Fig. 3.

The same numerals refer to like parts in all the figures.

1 indicates a fabric horse-collar comprising the usual body 2 and rim 3.

The blank from which the body portion 2 is constructed may be of any approved construction, and the ends of the blank are brought together and stitched, as shown at 4. The ends of the rim-blank are brought together, and a short distance from the edge thereof they are stitched, as shown at 6. Before stitches 6 are formed a preferably leather strap 7 is placed on the outer side of the blank and overlaps the edge of said blank and is secured thereto by said stitches 6. The stitched edges of the body-blank are slipped between the ends of the rim-blank and against the stitching 6. When the two blanks and the strap are thus assembled, a

row of stitches 9 secure the opposite edges of the strap and the ends of the two blanks, as clearly shown in Fig. 4.

The strap extends somewhat beyond the collar, and to one end is attached a buckle 10, and the other end is free and formed with openings to cooperate with the tongue of buckle 10, as will be clearly understood by reference to the drawings.

By securing a strap between the rim and body of a fabric collar a substantial reinforced hame-seat is provided, and at the same time the fastening means cannot be pulled away from the fabric. The outward strain of the collar-sections is not limited to a small area of the collar, as heretofore, but, on the contrary, is distributed throughout the whole collar structure. This is equally true with the downward strain of the fastening device. For instance, when the collar is "jerked" up on the neck of the animal the strain pulls the fastening device away from the fabric; but this strain, according to my invention, is equally distributed.

What I claim is—

1. A horse-collar comprising a rim and a body portion, a fastening device constructed of yielding material throughout its entire length and extending entirely around the collar and secured between the rim and the body portion, and a buckle on one free end of the yielding fastening device with which the opposite free end of said yielding fastening device cooperates to secure the collar in position.

2. A fabric horse-collar comprising a rim and a body portion, the ends of the blanks of the rim and body portion overlapping a leather strap over the overlapping ends of said rim and body blanks, said leather strap extending beyond the collar, a buckle secured to one free end of the leather strap with which the other free end of said leather strap cooperates to secure the collar in position.

3. A horse-collar comprising a rim and a body portion, a row of stitches securing the ends of the body-blank, a row of stitches securing the edges of the rim-blank and a strap, a strap extending entirely around the collar and somewhat beyond the same, a row of stitches securing the strap and edges of the rim and body blanks, a buckle on one free end of the strap with which the other free

end of said strap coöperates to secure the collar in position.

4. In combination, a fabric horse-collar, and a fastening device constructed of material which yields throughout its entire length and extends entirely around the collar and somewhat beyond the same, a locking device on one free end of the yielding fastening device with which the other free end of said device coöperates.

5. A fabric horse-collar comprising rim and body sections, a fastening-strap extend-

ing entirely around the collar for holding the sections together, and means for securing the strap and the rim and body sections together.

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

WILLIAM B. ESTES.

Witnesses:

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M. C. LEGGETT.