

(No Model.)

J. S. MARING.
HORSE COLLAR.

No. 501,684.

Patented July 18, 1893.

Fig-1-

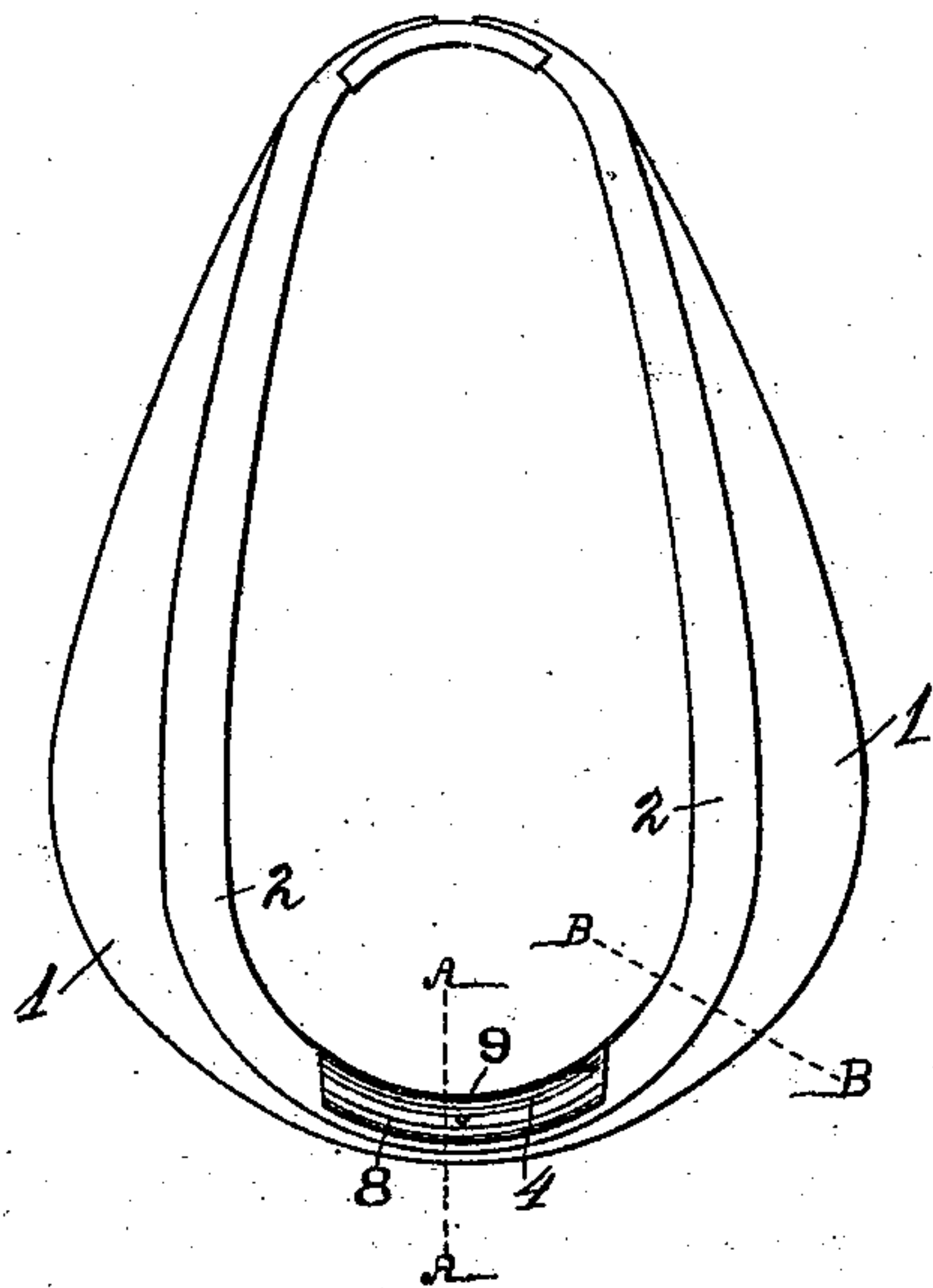


Fig-2-

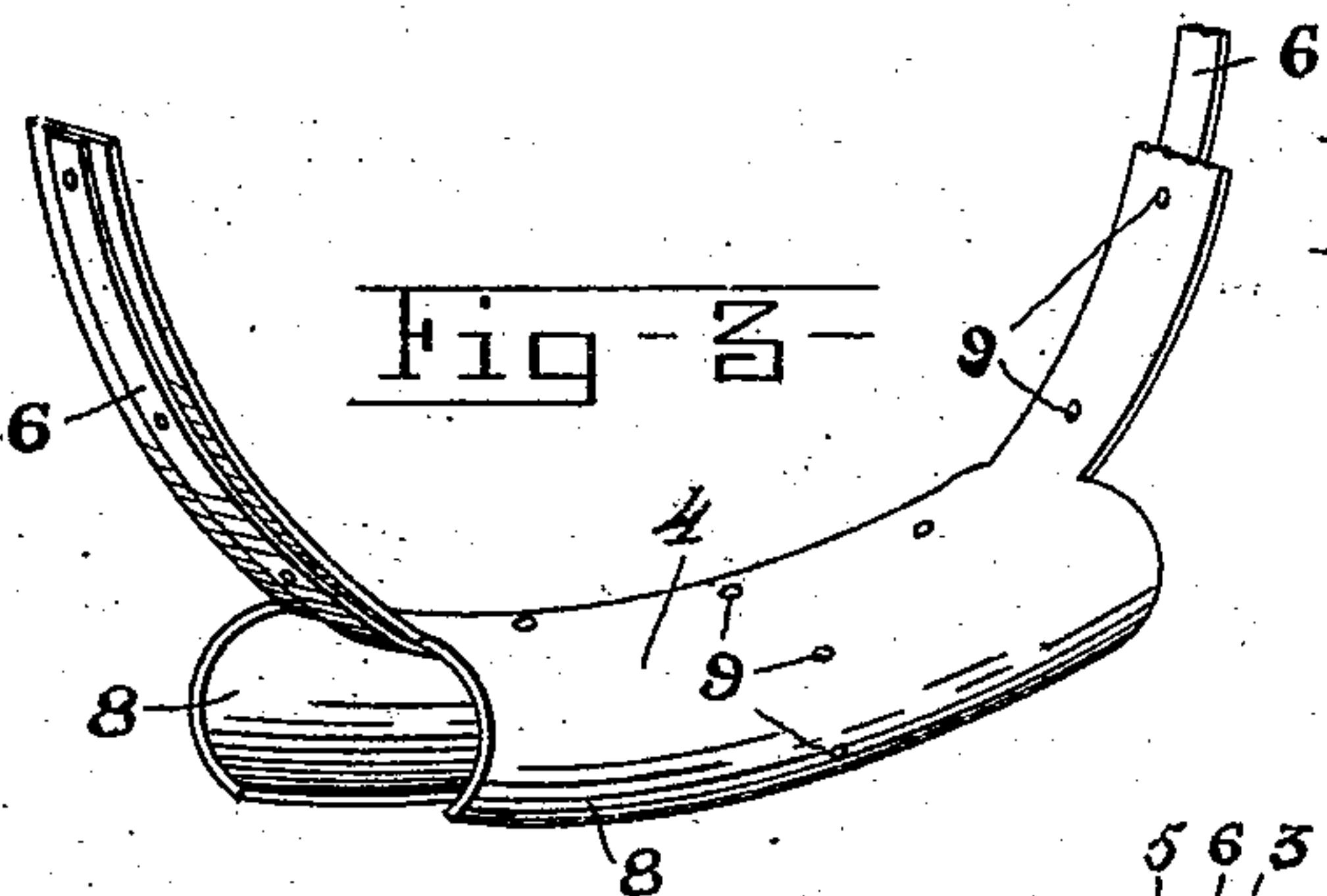
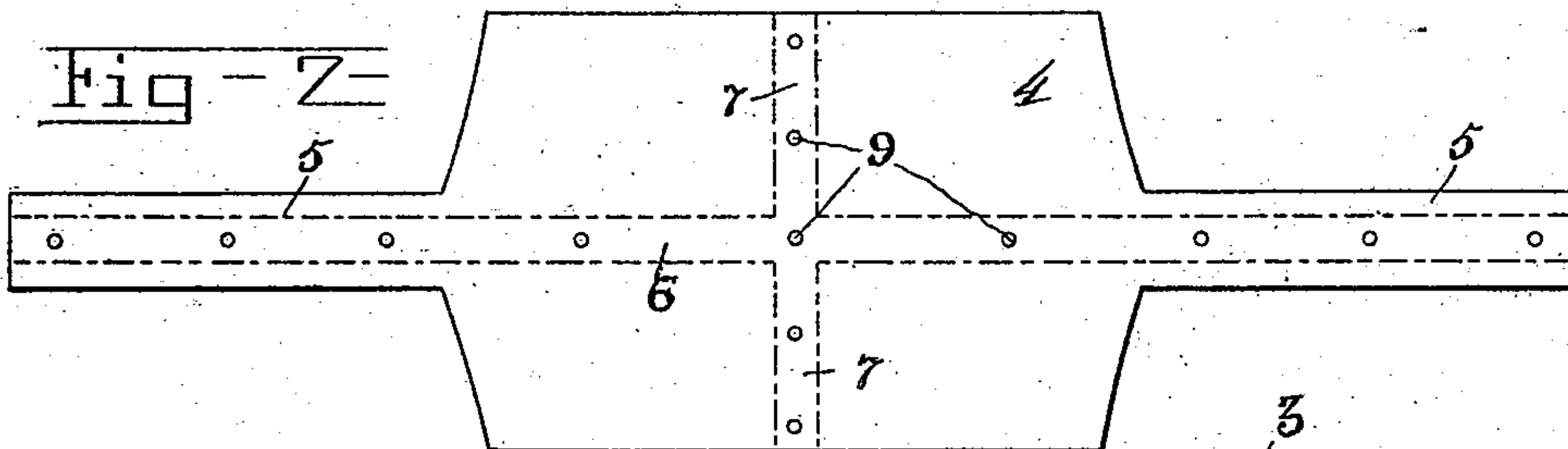


Fig-3-

Fig-4-

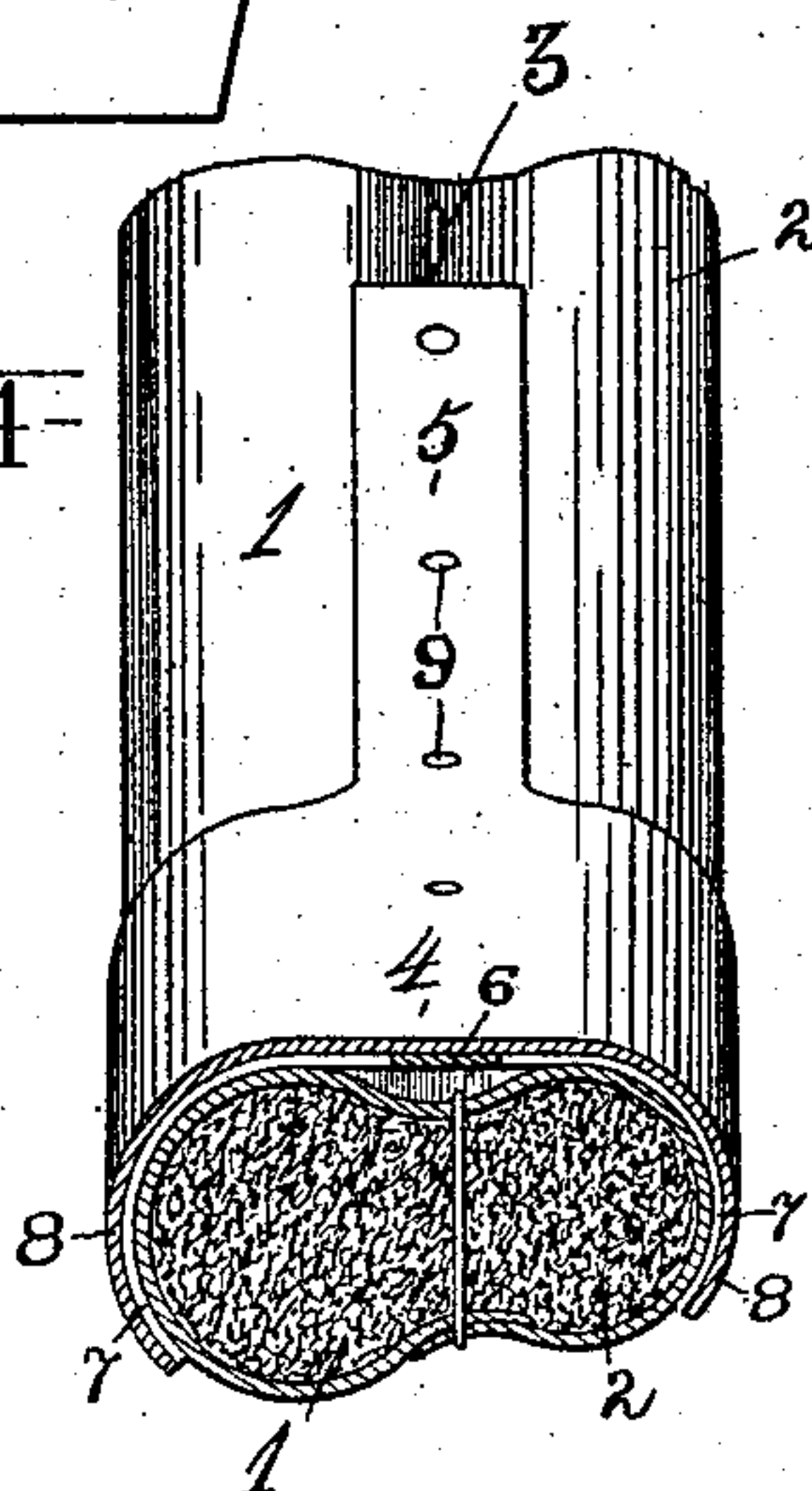
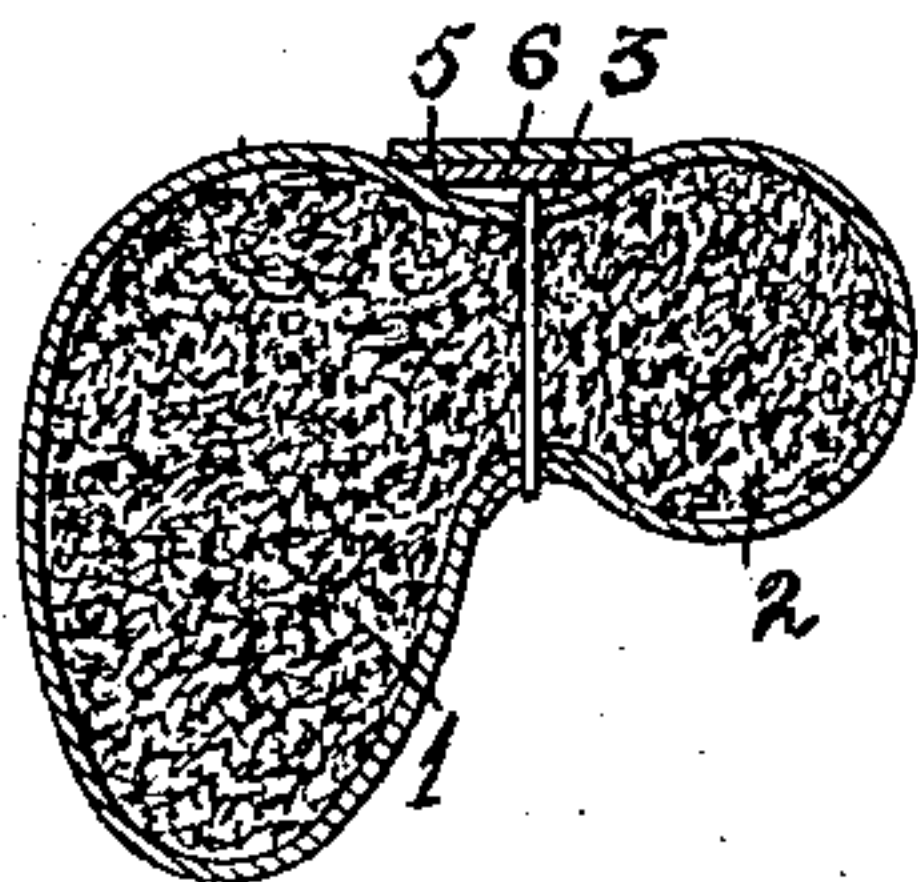


Fig-5-



Witnesses
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UNITED STATES PATENT OFFICE.

JACOB S. MARING, OF MASON CITY, ILLINOIS.

HORSE-COLLAR.

SPECIFICATION forming part of Letters Patent No. 501,684, dated July 18, 1893.

Application filed April 3, 1893. Serial No. 468,951. (No model.)

To all whom it may concern:

Be it known that I, JACOB S. MARING, of Mason City, county of Mason, and State of Illinois, have invented certain new and useful Improvements in Attachments for Horse-Collars, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

10 My invention relates to improvements in horse collar attachments and consists in the novel arrangement and combination of parts as will be more fully hereinafter described and designated in the claims.

15 In the drawings: Figure 1 illustrates a buggy horse collar of the ordinary construction with my invention applied thereto. Fig. 2 is a detail view of the attachment detached or removed from the collar. Fig. 3 is a detail perspective view of the attachment con-
20 formed and ready to be applied to the collar when desired. Fig. 4 is a sectional view taken on the line A—A of Fig. 1. Fig. 5 is also a sectional view taken on the line B—B
25 of Fig. 1.

Having given a general outline of views necessary to illustrate the construction and application of my invention, I will now proceed to give a detail description of the same, prefacing however that the object of my in-
30 vention is to make use of an improved attachment the same being so conformed as to fit almost or quite around the after and fore-wale of the collar in the region of the position or place of the pole-strap so as to prevent the abrasion and wearing away of the collar by means of the pole-strap.

It can be readily perceived that my invention not only prevents the collar from being
40 worn away by the agency of the pole-strap but also supplements and augments the strength of the same in the region of its lower extremity.

Referring to the drawings: 1 indicates the after-wale and 2 the fore-wale of an ordinary
45 horse collar, and 3 indicates the usual crease interposed between the same as of the usual construction arising from the stitching of the collar.

4 indicates the attachment itself which is
50 constructed of leather and is provided on its opposite ends with duplicate and narrow extensions or strips 5. The blank or strip as illustrated in Fig. 2 has secured thereto in any suitable and mechanical manner a me-
55 tallic strip 6 which is in the shape of a cross.

The branches 7 of said strip are readily elastic and when the attachment is bent and formed as illustrated in Fig. 3 said prongs partially embrace the after-wale 1 and the fore-wale 2 as illustrated in Figs. 1 and 4 whereby the said
60 attachment is held firmly but readily detachable from the collar. When the attachment is applied as illustrated in Figs. 1 and 4 the branches or prongs 7 partially embrace the after and fore-wale of the collar as above stated
65 and the portions 8 of said attachment also partially embrace said wales. The narrow extensions 5 are constructed so as to fit in the crease 3 of the collar and will thus not interfere with the neck of the animal and the inherent plia-
70 bility of said extensions will necessarily hold the same in said location. I have shown the cross shaped metallic strips 6 secured to the attachment 4 by means of rivets 9.

To recapitulate, the blank or attachment 4
75 is constructed of leather, sheet metal, or any other suitable material having narrow and duplicate extensions 5 and portions 8 all formed integral with each other. The metallic stiffening strip 6 is approximately in
80 the shape of a cross the branches or prongs 7 whereof are readily elastic and the extensions 5 are pliable but not necessarily elastic. In other words the branches 7 may be tempered or annealed.

85 Having fully described my invention, what I claim is—

1. As an improved article of manufacture a horse collar attachment comprising a piece of leather having portions 8, extensions 5, 90 and a + shaped metallic stiffening strip 6 provided with elastic branches 7 secured to said piece of leather, substantially as set forth.

2. The improved horse-collar attachment constructed of leather or pliable material
95 with portions 8 of unequal widths to embrace the fore and aft wales of the collar, narrow duplicate-extensions 5 adapted to fit in the inside crease of the collar, and a suitable fastening or stiffening-strip 6 provided with
100 elastic branches 7 and applied to the portions 8 and the duplicate extensions, substantially as herein specified.

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

JACOB S. MARING.

Witnesses:

G. W. VAN VELZER,
W. F. THOMPSON.