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PATENTED JUNE 16, 1908.

A. H. SHOEMAKER & A. P. MERRILL.

NOSE BAG.

APPLICATION FILED JULY 6, 1907.

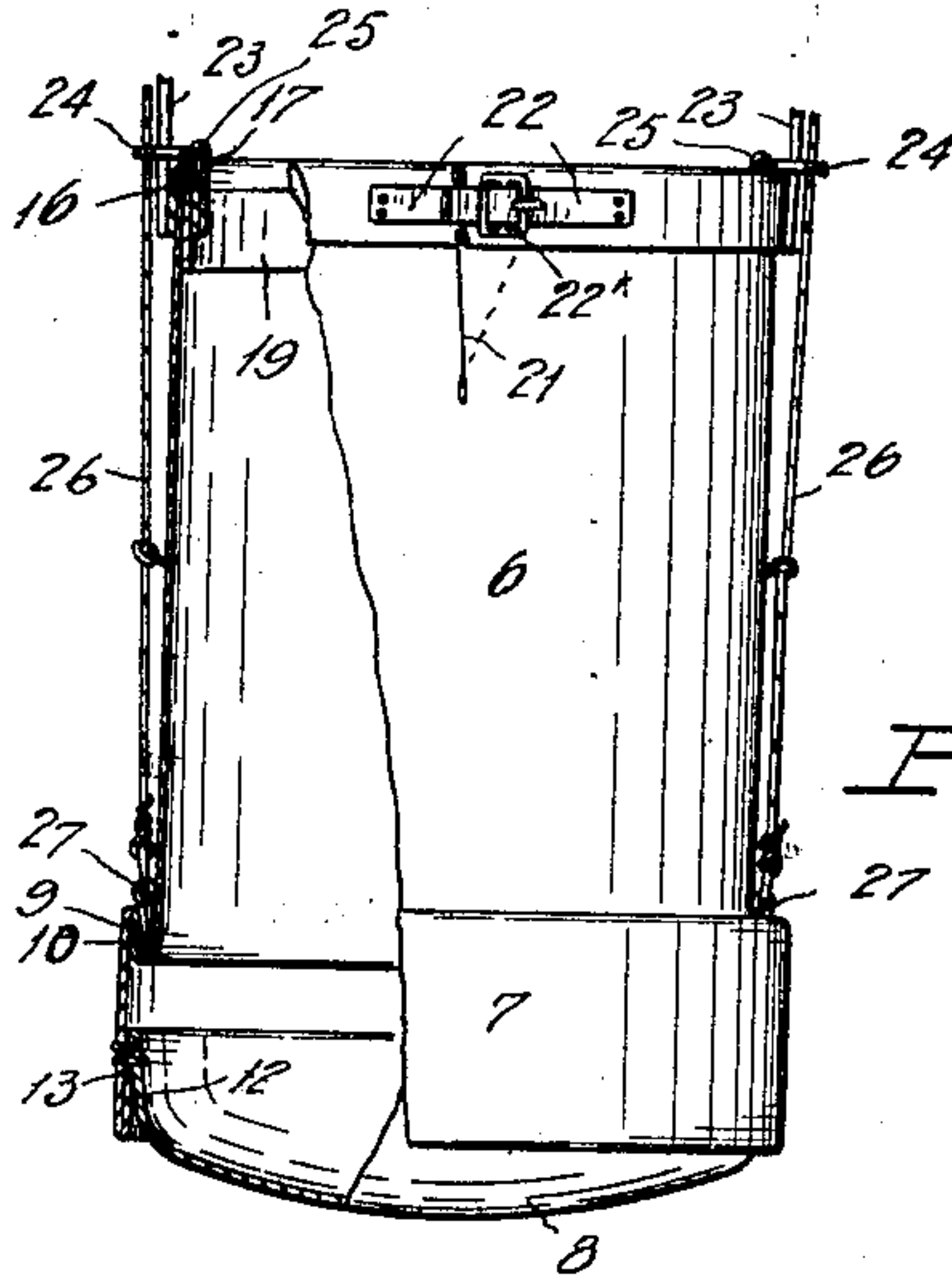


FIG. 1

FIG. 4

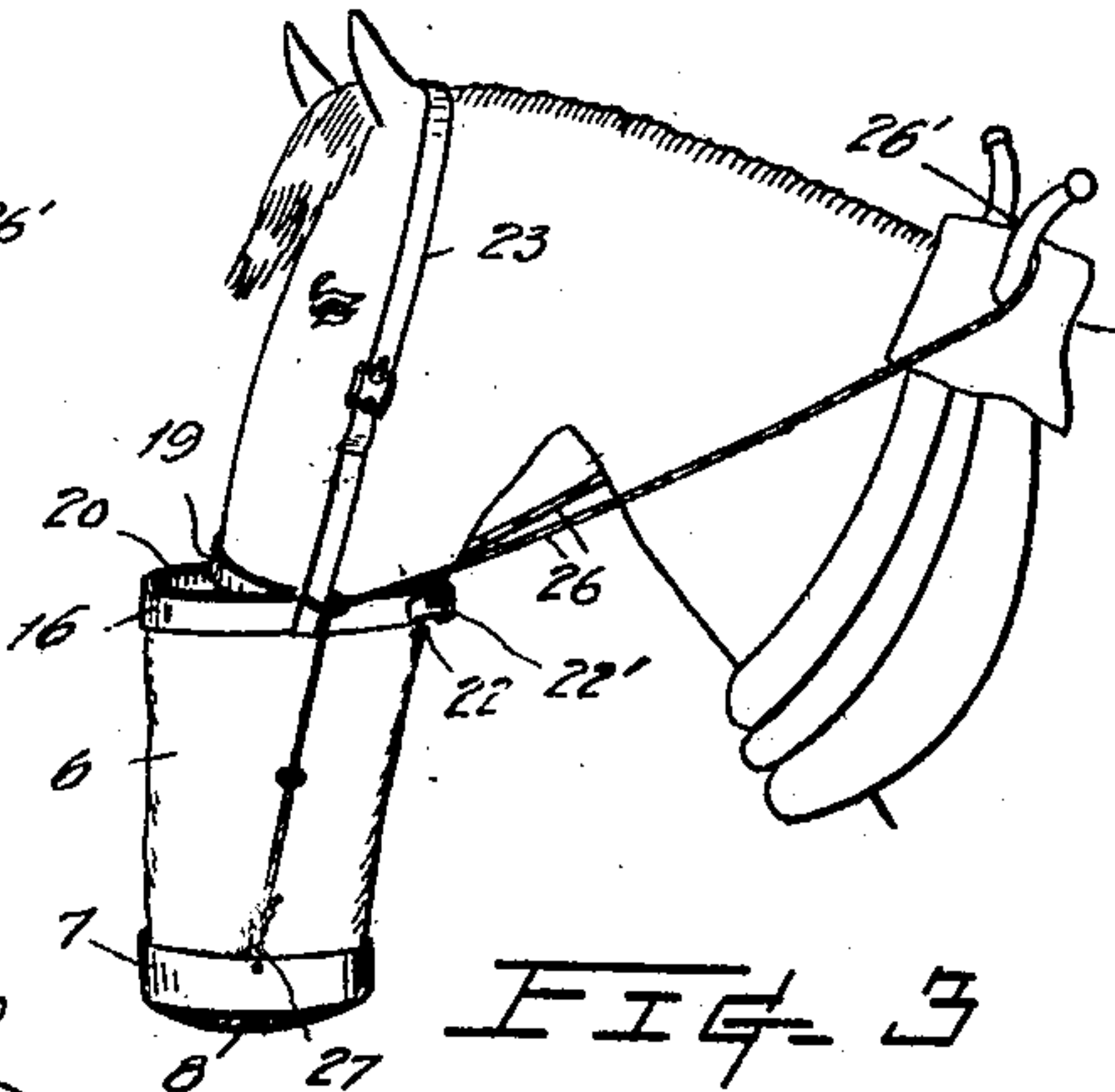
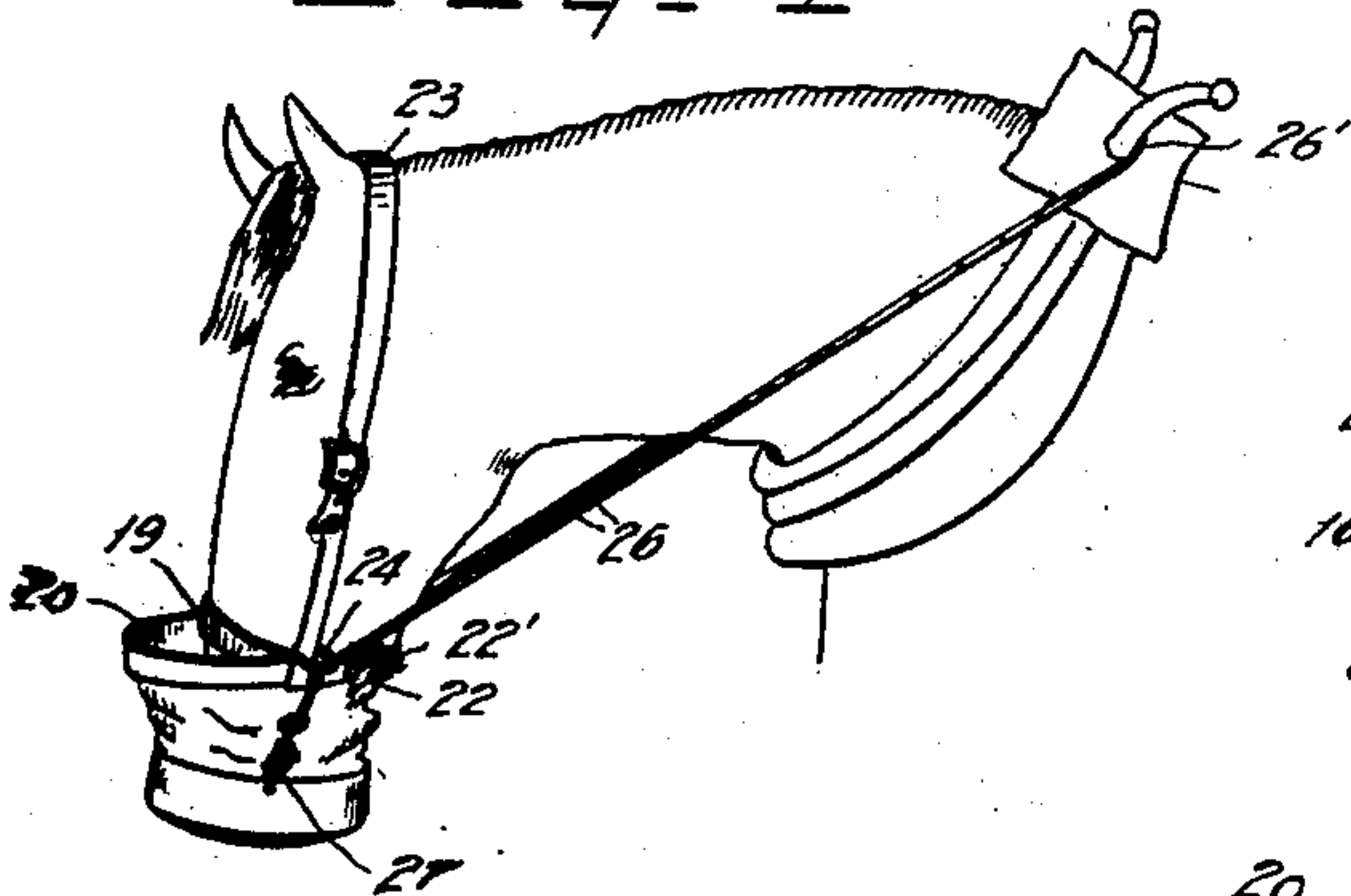


FIG. 3

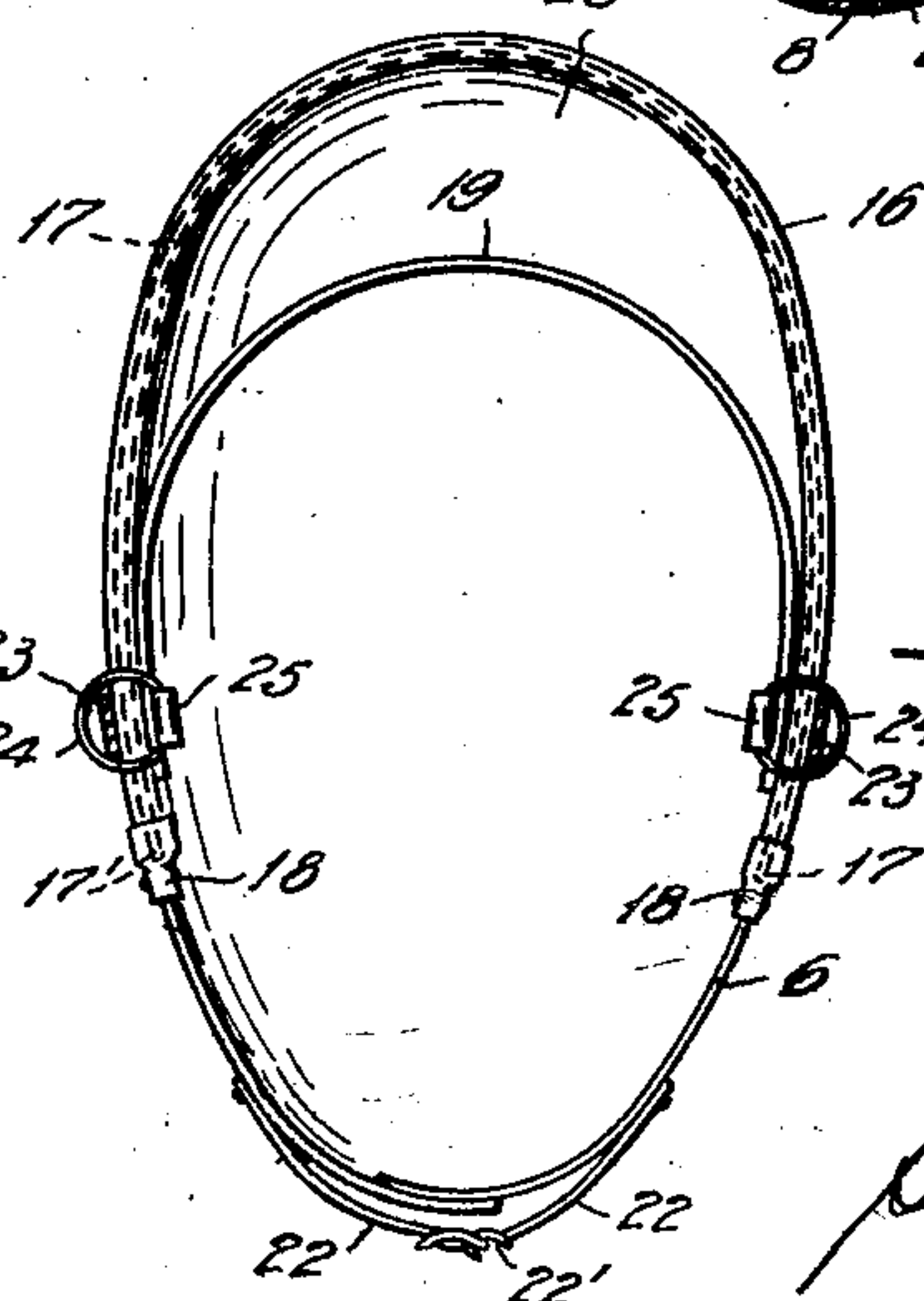
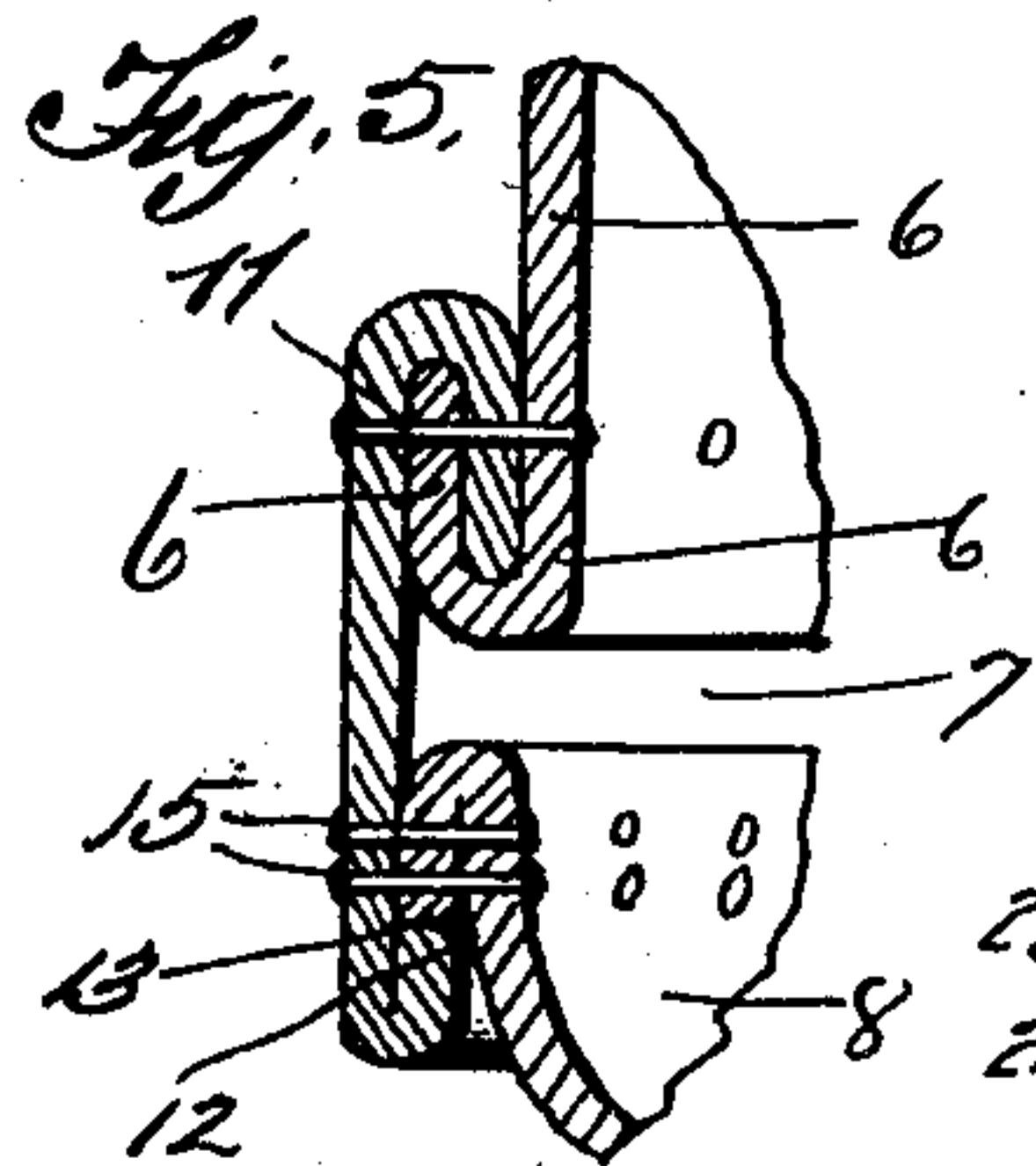


FIG. 2

WITNESSES:

Horse Barnum.

G. T. Smith.

INVENTORS:

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BY

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# UNITED STATES PATENT OFFICE.

ALVIN H. SHOEMAKER AND ALBION P. MERRILL, OF SEATTLE, WASHINGTON, ASSIGNORS OF  
ONE-HALF TO WILLIAM I. EWART, OF SEATTLE, WASHINGTON.

## NOSE-BAG.

No. 890,937.

Specification of Letters Patent.

Patented June 16, 1908.

Application filed July 6, 1907. Serial No. 382,461.

*To all whom it may concern:*

Be it known that we, ALVIN H. SHOEMAKER and ALBION P. MERRILL, citizens of the United States, residing at Seattle, in the  
5 county of King and State of Washington, have invented certain new and useful Improvements in Nose-Bags, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to nose- or feed-bags for horses.

It has for its object the improvement of nose-bags which can be comfortably worn by an animal, the provision of means where-  
15 by the feed is progressively brought to within convenient reach of the animal and which is thoroughly ventilated for supplying air in ample quantities.

A further object of the invention is to provide a bag which will withstand hard service and while serving a variety of new and useful purposes is of simple construction.

To such ends the invention consists in the novel adaptation and construction of the  
25 bag and its combination with other novel features, as will be hereinafter described and claimed.

Figure 1 is an elevation, shown partly in section, of an embodiment of our invention; Fig. 2, a plan view of the same; Figs. 3 and 4, perspective views to illustrate the operation of the invention and respectively illustrated in its extended and collapsed condition; and Fig. 5 is a fragmentary sectional  
35 view of a bag, showing the construction of the bottom.

The bag proper is constructed of suitable strong and flexible material, such as heavy canvas, and is comprised of a top cylindrical  
40 part 6, a like intermediate part 7, and a bowl shaped bottom 8 which are secured together by sewing, stapling or equivalent fastenings. The lower edge of the part 6 is folded outwardly and upwardly to afford a  
45 circular groove 9 for the reception of the oppositely folded upper edge 10 of the said intermediate part and when thus connected the fastenings 11 are passed through four  
50 plies or layers of the material. The bottom edge of said intermediate part and the top edge of the bottom are likewise folded reversely, as at 12 and 13, respectively, see Fig. 5, but in this instance the edges abut without overlapping and the bottom is first  
55 fastened by a series of stitches, or equivalent

means, as at 14 through the folded over portion of the bottom and through the body of the intermediate part whereupon other fastenings 15 are employed to extend through the two layers of the bottom and the body  
60 of the intermediate part. This manner of treating and connecting the bag parts is of importance to render the bag non-leakable between the parts and also reinforce the lower portion which is most subject to abuse  
65 and allows of a flexible material being used throughout.

The top edge of the bag-part 6 is folded to provide a marginal loop 16 for the reception at the forward side of a stiffening member 17,  
70 of spring wire or the like, having its ends 17' extended to a short distance of the rear side and whereat doubling strips 18, see Fig. 2, of leather or metal are employed to embrace the bag-part thereabout for preventing the  
75 dislocation of said member or the ends thereof protruding which might cause the laceration of the animal.

Upon the interior of the bag and in proximity of the upper edge is a nose-strap 19 extending forwardly from about the mid-length  
80 of the bag but leaving a space 20 to its front. This strap in practice should be made to rest against the nose of the animal and to accommodate various sizes of the latter an incision  
85 is made at the rear of the top, at 21, and a take-up means provided, such as, for example, strap-parts 22, and a buckle 22', attached to the adjacent parts whereby the  
90 bag thereat may be adjusted to fit.

A looped strap 23 is secured to the bag in proximity of its upper edge and upon diametrically opposite sides for the purpose of suspending the bag from a horse's head, as clearly shown in Figs. 3 and 4. About the  
95 strap parts in juxtaposition with the bag are rings 24 which are secured to the bag by loops 25 and upon the inside of the latter. The function of these rings is to serve as guides wherethrough are led the ends of a  
100 line 26 which are tied to loops 27 fastened to the lower portion of the bag and desirably by being interposed between the aforesaid top and intermediate portions, as illustrated in Fig. 1. This line is provided with a bight 26'  
105 arranged to be engaged over the hames, or other like positioned part of the animal's harness, and is adjusted so as to allow of the bag being distended, as in Fig. 3, when the animal holds his head in normal position, and  
110



consequently when he protrudes or lowers his head the line will be drawn through said guide rings and effect the collapse of the bag, as a horse will do in reaching down to feed from the bag-bottom.

Having described our invention, what we claim, is—

1. In a nose-bag, the combination with the bag proper comprised of a top part, a bottom part and an intermediate part, said top and intermediate parts being joined by interfitting overlapped portions and the intermediate and bottom parts by abutting overlapped portions, a wire stiffening piece, said top part being provided at its top edge with a loop for the reception of said wire stiffening-piece having its ends housed in protective strips, said strips, and a looped strap for suspending the bag from an animal's head; of a nose-strap having its ends secured to the top upon diametrically opposite sides and arranged to leave an air-space between the strap and the front of the bag, means whereby the bag to the rear of the nose-strap can be adjusted to accommodate various sizes of heads, and a looped line having its ends passed through rings secured to the upper edge of said top part and thence extended to and secured in proximity of said bottom part, said line being adapted to be engaged over a horse's harness and capable of causing the bag to collapse as the animal's head is lowered.

2. In a nose-bag, the combination with the bag proper comprised of a top part, a bottom part and an intermediate part, said top and intermediate parts being joined by interfitting overlapped portions and the intermediate and bottom parts by abutting overlapped portions, and a looped strap for suspending the bag from the animal's head, of a nose-strap having its ends secured to the top upon diametrically opposite sides and arranged to leave an air-space between the strap and the front of the bag, means whereby the bag to the rear of the nose strap can be adjusted to accommodate various sizes of heads, rings at the upper edge of the top part and a looped line having its ends passed through said rings secured to the upper edge of said top part and thence extended to and secured in proximity of said bottom part, said line being adapted to be engaged over a horse's harness and capable of causing the bag to collapse as the animal's head is lowered.

3. In a nose-bag, the combination with the bag proper comprised of a top part, a bottom part, and an intermediate part, of a looped strap for suspending the bag from an animal's head, a nose-strap having its ends secured to the top upon diametrically opposite sides and arranged to leave an air-space between the strap and the front of the bag, means whereby the bag to the rear of the nose-strap can be adjusted to accommodate various sizes of heads, rings at the upper

edge of the top part and a looped line having its ends passed through said rings secured to the upper edge of said top part and thence extended to and secured in proximity of said bottom part, said line being adapted to be engaged over a horse's harness and capable of causing the bag to collapse as the animal's head is lowered.

4. In a nose-bag, the combination with the bag proper comprised of a top part, a bottom part and an intermediate part, said top and intermediate parts being joined by interfitting overlapped portions and the intermediate and bottom parts by abutting overlapped portions, and a looped strap for suspending the bag from the animal's head, rings at the upper edge of the top part of a looped line having its ends passed through said rings secured to the upper edge of said top part and thence extended to and secured in proximity of said bottom part, said line being adapted to be engaged over a horse's harness and capable of causing the bag to collapse as the animal's head is lowered.

5. In a nose-bag, a top part, a bottom part, and an intermediate part, said top and intermediate parts being joined by interfitting overlapped portions and the intermediate and bottom parts by abutting overlapped portions, in combination with a looped strap for suspending the bag from the horse's head.

6. A nose bag composed of a body having a top part, a bottom and an intermediate part, said intermediate part being secured to the top part and having its bottom part turned over on its inner face to lie against the latter and extending upwardly, said bottom having its top part turned over on its outer face to lie against the latter and extending downwardly and being secured to the inner face of said intermediate part at points above the top edge of said upturned part of the intermediate part.

7. In a nose bag a body embodying a top part and a bottom, the lower part of the top being turned inwardly over and upwardly, the top part of the bottom being turned outwardly over and downwardly and secured to the inner face of the top part, the sides of said bottom being surrounded by the lower part of the top the edge of said upturned part of the top and that of the downturned part of the bottom abutting one another, the said last named parts themselves extending in vertical alinement with one another.

8. A nose bag composed of a top part and a bottom, the lower end of the top and the top end of the bottom having oppositely turned over portions which extend towards one another said turned over portions being in vertical alinement with each other and means for securing the top of said bottom to the inner face of the top part at points above the turned over portions of the top part.



9. A nose bag having a body formed of a top, bottom and intermediate part, said intermediate part having its end parts turned over and inwardly to extend towards one  
5 another, said top and bottom each having parts which are turned outwardly and over and which extend in opposite directions and which are secured to said intermediate part.

In testimony whereof we affix our signatures in presence of two witnesses.

ALVIN H. SHOEMAKER.  
ALBION P. MERRILL.

Witnesses:

PIERRE BARNES,  
ROBT. B. GILLIES.