

H. T. GUFFIN.

COLT MUZZLE.

APPLICATION FILED SEPT. 24, 1910.

1,032,478.

Patented July 16, 1912.

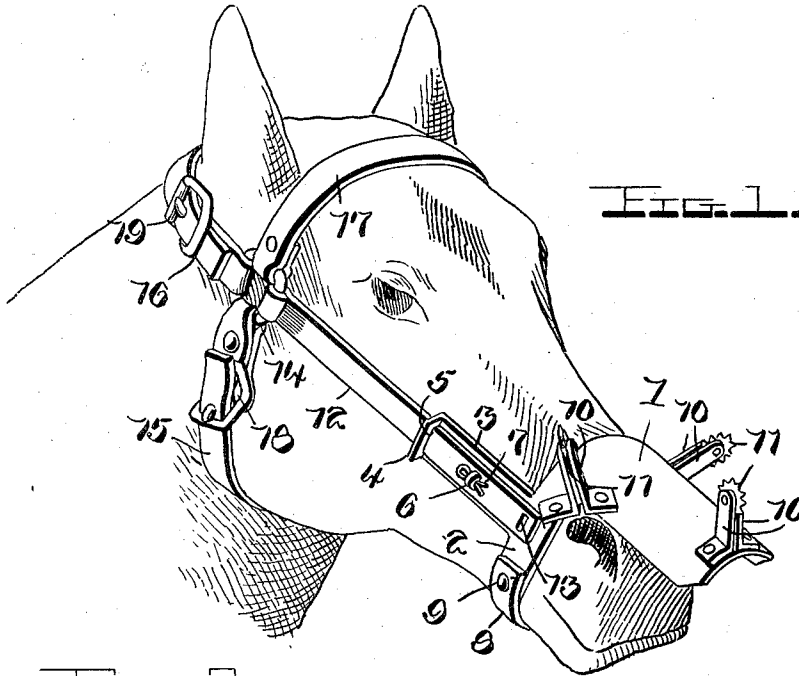


FIG. 2.

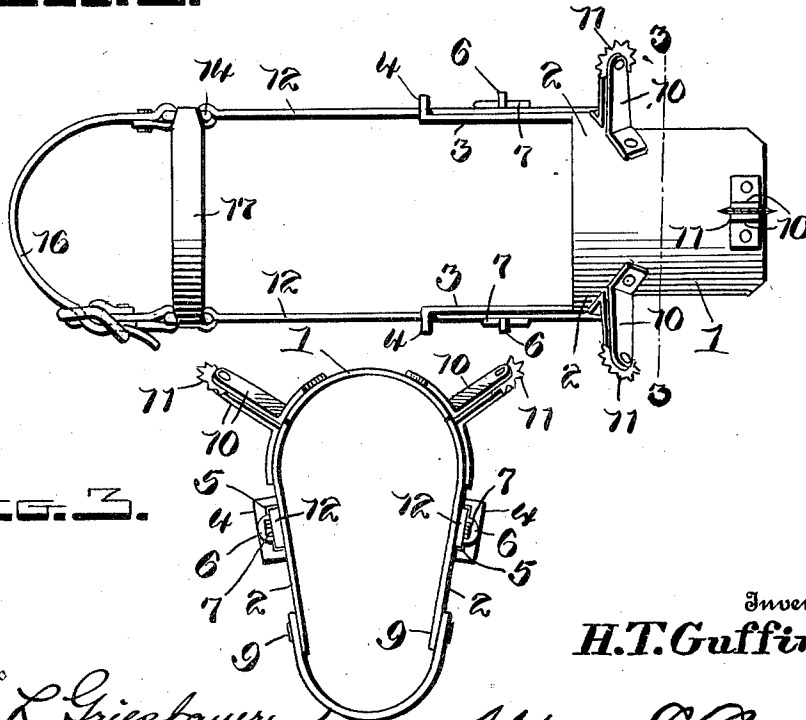


FIG. 3.

Witnesses

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COLT-MUZZLE.

1,032,478.

Specification of Letters Patent.

Patented July 16, 1912.

Application filed September 24, 1910. Serial No. 583,623.

To all whom it may concern:

Be it known that I, HENRY T. GUFFIN, a citizen of the United States, residing at Duke, in the county of Jackson and State of Oklahoma, have invented certain new and useful Improvements in Colt-Muzzles, of which the following is a specification, reference being had to the accompanying drawings.

10 This invention relates to improvements in muzzles especially adapted for use in weaning colts, calves, and the like animals, the invention comprising a head piece, longitudinally adjustable cheek bars, a forwardly projecting nose plate having spurs and means connected to the cheek bars for fastening the muzzle to the head and behind the ears of the animal, and further consisting in the construction, combination and
15 20 arrangement of devices hereinafter described and claimed.

In the accompanying drawings,—Figure 1 is a perspective view of a weaning muzzle constructed in accordance with my invention showing the same in use on a colt. Fig. 2 is a plan of the same. Fig. 3 is a transverse sectional view of the same on the plane indicated by the lines 3—3 of Fig. 2.

In the construction of my improved weaning muzzle I provide a nose piece 1 to lie above the nose and project forwardly from the muzzle of the animal, the said nose piece being made of sheet steel or other suitable metal, being concavo-convex in form cross sectionally with its concave side lowermost and being provided at its rear corners with downwardly extending and downwardly converging spring arms 2 which are formed integrally therewith. At the centers of the said spring arms are secured the front ends of rearwardly extending cheek pieces 3 which are also made of sheet metal and the rear ends of which are outturned, as at 4, and provided with openings 5. Each cheek piece is also provided with an outwardly projecting stud 6 which is struck up therefrom and is provided at its outer end with a transverse opening for the reception of a split pin or other similar device 7. The lower ends of the arms 2 are connected together by a flexible leather chin strap 8, the ends of which are here shown as secured to the lower ends of the said arms by means of rivets 9. The nose
55 piece or shield 1 is provided on its upper

side, at its outer end and also near its rear corners with pairs of angle plates 10 between which, at the outer ends thereof, are mounted revoluble studs 11 which are each provided with a plurality of radially disposed points.

A pair of cheek straps 12 which are made of sheet steel or other suitable sheet metal operate through the openings 5 of the outturned guide and keeper portions 4 of the cheek pieces 3 and are provided at points suitably spaced from their front ends with adjusting openings 13 for engagement with the lug 6 of the cheek pieces so that the said cheek straps may be connected to the cheek pieces at any desirable longitudinal adjustment and the length of the muzzle varied as may be required to fit the same on animals of different sizes. The said cheek straps are provided at their rear ends with rings 14 to which are connected the ends of a throat latch 15, a head stall 16 and a brow band 17, the said throat latch and the head stall being respectively provided with buckles or other suitable devices 18—19 admitting of the adjustment thereof according to the size of the animal on which the muzzle is placed.

It will be understood that my improved muzzle, by reason of the spurs with which its nose plate or shield is provided, serves to effectually wean the animal on which the muzzle is placed. Owing to the provision of the downwardly converging spring arms 2, with which the nose piece or shield is provided, the said spring arms lie closely against the sides of the animal's mouth and serve in connection with the chin strap and the comparatively inflexible cheek pieces and cheek straps to hold the nose piece or shield in place.

Having thus described my invention, what I claim is:—

The herein described weaning muzzle comprising a cross sectionally concavo-convex sheet metal nose plate provided at its rear corners with integral downwardly extending spring arms, said spring arms being provided at points between their ends with integral rearwardly extending cheek pieces which are provided with outturned rear portions having guide openings, and are further provided with outwardly projecting studs spaced from said outturned rear portions, a flexible chin strap connect-
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ing the lower ends of the downwardly extending arms, relatively inflexible cheek straps extending through the guide openings on the rearwardly extending cheek pieces
5 and having adjusting openings through some of which the said outwardly projecting studs extend, said openings, the studs, and guide openings serving to adjustably rigidly secure the cheek pieces to the nose
10 plate, means to secure the rear ends of

the cheek straps on the head of an animal and spurs at the front side and at the rear corners of the nose plate.

In testimony whereof I hereunto affix my signature in the presence of two witnesses. 15

HENRY T. GUFFIN.

Witnesses:

M. O. OWENS,
B. E. DARBY.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
