

(No Model.)

G. D. LEONARD.
NOSE BAG.

No. 453,719

Patented June 9, 1891.

FIG. 1.

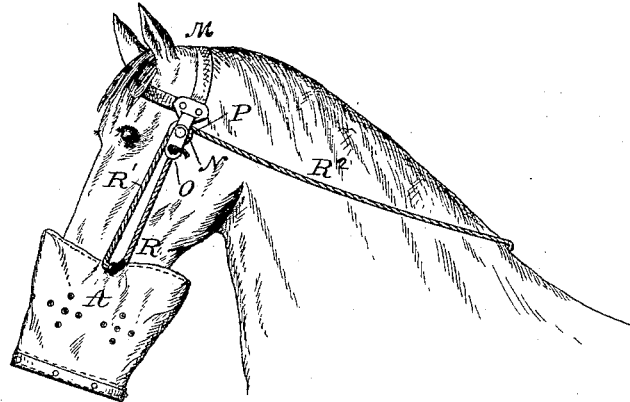


FIG. 2.

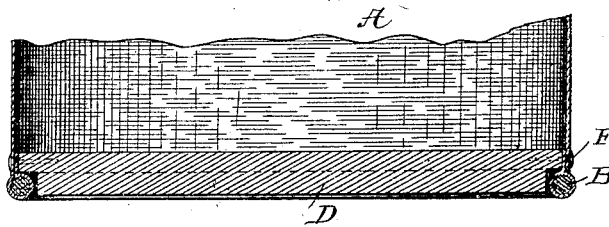


FIG. 4.

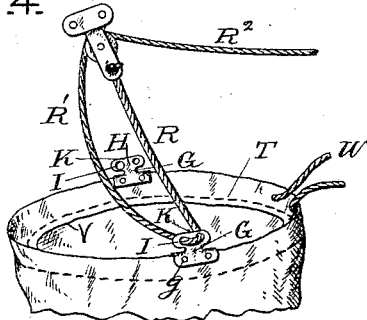
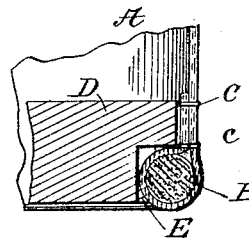


FIG. 3.



Attest:
J. G. Leffer.
Wm. N. Bates.

Inventor:
G. D. Leonard
By W. A. Bartlett
Att'y.

UNITED STATES PATENT OFFICE.

GEORGE D. LEONARD, OF NEW HAVEN, CONNECTICUT.

NOSE-BAG.

SPECIFICATION forming part of Letters Patent No. 453,719, dated June 9, 1891.

Application filed May 23, 1890. Serial No. 352,868. (No model.)

To all whom it may concern:

Be it known that I, GEORGE D. LEONARD, of New Haven, Connecticut, 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.

This invention relates to nose-bags for feeding animals.

10 The object of the invention is to produce a cheap nose-bag which can be readily adjusted to hang from the head of the animal.

Figure 1 is a side elevation of the nose-bag applied to a horse's head. Fig. 2 is a section through the bottom of the bag. Fig. 3 is an enlarged sectional detail showing corded seam at the bottom of bag. Fig. 4 is a perspective showing upper part of bag with the ears and cord connecting over the pulley.

20 A indicates the body of the bag proper. This bag is made of canvas, leather, or fabric of any suitable kind, and is preferably in the form of a tube wider at the top than at the bottom and ventilated or not, as is usual.

25 The bottom edge of the fabric is turned in to form a hem about a cord or wire or distending-piece B, and the hem is stitched at C C or in other appropriate place to hold the cord or wire firmly in the hem. The cord or

30 wire makes a ring at the bottom of the tubular body A, the thickness of the ring being on the inside of the tube. The bottom D of the bag has a rabbet E at its lower corner, and may be dropped down inside the bag until the ring or projection of the hem lies

35 in this rabbet. The bottom D may be of wood, papier-maché, composition, or other material, and in one piece or in layers. The bottom may be secured to the bag by tacks

40 F, driven through the canvas into the side of the bottom. The bottom may be perforated or not, as desired. At the top of the bag I preferably attach an ear G by rivets g g or in other suitable manner. This ear is preferably

45 of metal and extends a little above the top of the bag. It has a central bar H and side bars I I, connected by top bar K. A bridle or cap M rests on the horse's head. This cap has a pulley N at each side, and an

50 extension O of the pulley-strap hangs below the sheave P. The extension of the strap is perforated, and a cord R is attached to the

strap of the pulley by passing through the perforation. The cord R, as shown in Fig. 1, extends down from the pulley and is secured 55 to the bag. By preference, however, the cord is secured by passing through the openings and in front of bar H in the ears of the bag, and so up, as at R', and over the sheave P and back to the water-hook or some other part 60 of the harness in the direction shown by cord R². A pull on the cord R² will draw up the bag by means of the cord R', while the cord R will be slack. When the cord R² is loosened, the cord R serves as a stop or support 65 for the bag. It will be understood that the two sides of the bag are alike, and that the ears are attached opposite to each other. The cord passing through the ears and across the bar H thereof is held by friction, so that the 70 weight of the filled bag will not slide the ear G along the cord; but, if desirable, the cord may be slipped along the ear G, as in a cramp-buckle, so that the part R, which is the permanent support of the bag, may be of any 75 desirable length. The top of the bag A has a hem T, and below the stitching which retains the hem the edge V of the canvas may serve as a guard to prevent waste of the grain. A puckering-string W goes round the top of 80 the bag in the hem, and this string may be drawn up to close the mouth of the bag to hold feed in transportation.

What I claim is—

1. A nose-bag body consisting of a tube, of 85 canvas or similar flexible material, having a hem or distending piece at its lower edge, in combination with a bottom of rigid material having a rabbet at its lower corner, into which the corded edge of the body extends, substan- 90 tially as described.

2. The combination, with a tubular bag-body having a hem at its lower edge and a cord inclosed therein, of a wooden bottom rabbeted at the lower corner, so that the corded 95 canvas lies in the rabbet, and securing means for holding the bottom into the bag, substantially as described.

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

GEORGE D. LEONARD.

Witnesses:

W. A. BARTLETT,
PHILIP F. LARNER.