

No. 647,266.

Patented Apr. 10, 1900.

D. HOYT.
FEED BAG.

(Application filed Aug. 21, 1899.)

(No Model.)

Fig. 1

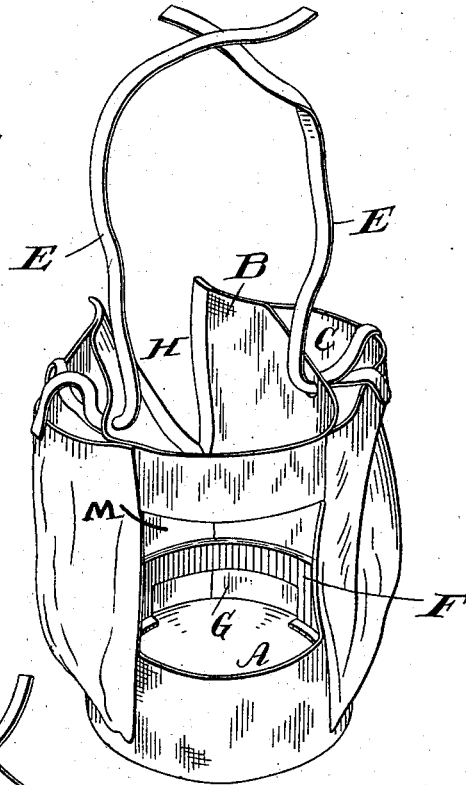


Fig. 2

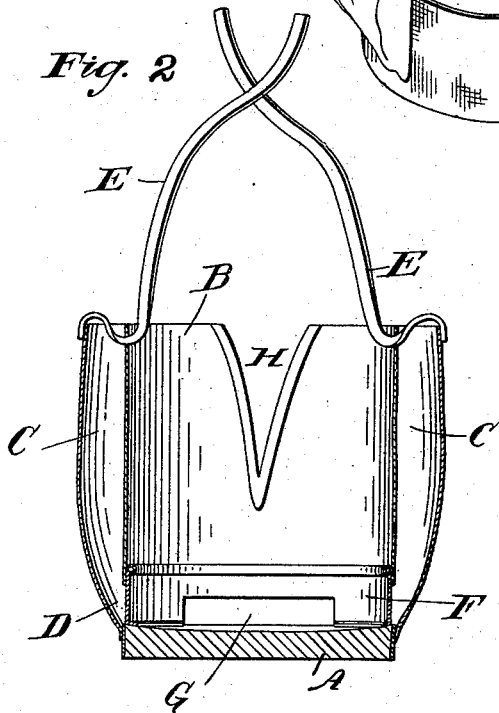
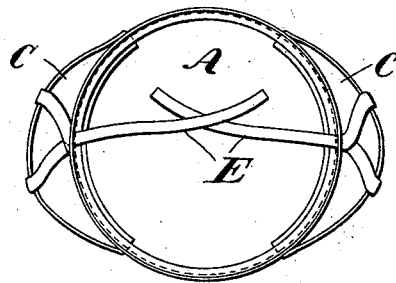


Fig. 3



Witnesses:

John A. Peew
Herbert J. Seene

By

Inventor
Darius Hoyt
his Att'ys Seymour Seymour & Harmon

UNITED STATES PATENT OFFICE.

DANIEL HOYT, OF SOUTH NORWALK, CONNECTICUT.

FEED-BAG.

SPECIFICATION forming part of Letters Patent No. 647,266, dated April 10, 1900.

Application filed August 21, 1899. Serial No. 727,901. (No model.)

To all whom it may concern:

Be it known that I, DANIEL HOYT, a citizen of the United States, and a resident of South Norwalk, in the county of Fairfield and State of Connecticut, have invented certain new and useful Improvements in Feed-Bags, of which the following is a specification.

My invention relates to feed-bags for horses.

In the drawings forming part of this specification, Figure 1 is a perspective view of my device. Fig. 2 is a vertical central section thereof. Fig. 3 is a plan view.

The bottom A of my feed-bag is made of wood or any suitable material and the sides B of any flexible material, such as canvas, attached in any suitable manner to the bottom. Flexible pockets C are formed at each side of the bag, as clearly indicated in Figs. 1 and 2, said pockets communicating with the interior of the bag through orifices D. The pockets are arranged to be closed at the upper ends by the draw-string E, which also serves as means for suspending the bag from the horse's head. Instead of the form of draw-string shown lacing in any form may be used. At the bottom of the bag is placed a ring F, which revolves within said bag and which has cut-out portions G. It will be observed that in the position shown in Fig. 2 the feed cannot come down from the flexible pockets into the interior of the bag; but if the ring is moved so as to bring the cut-out portion in register with the opening D the feed will pass from the pockets into the nose-bag. It will also be observed that by this mechanism the rapidity of the flow of feed from the pockets into the bag can be regulated.

In front of the pocket the canvas or material of which the bag is composed is cut out to form a large opening M, as clearly shown in Fig. 1. This is for the purpose of ventilation. At the rear of the bag the material is slit, as shown at H, Figs. 1 and 2. This assists in the free circulation of air and also in the proper adjustment of the bag to the horse's head.

In operation the ring F is moved into the position shown in Fig. 2. The proper amount of grain is placed in the flexible pockets C

and the tops of said pockets closed by the draw-string. The nose-bag will then be suspended on the wagon or to any part of the harness and carried until the proper time for feeding. In order to allow the horse to feed, the ring F is first moved so as to bring the opening G in register with the openings D and the nose-bag attached to the horse's head in the usual way. The grain will flow gradually from the pockets C into the bottom of the bag. The arrangement of the orifice in the front and the slit in the rear of the bag allows perfect ventilation, so that the horse can breathe freely.

By the use of such mechanism I avoid the evils which flow from the use of those bags in which all of the feed is placed in the bottom at once, as in such cases the horse buries its nose in the feed, and its nostrils become choked, resulting in discomfort to the animal and waste of the grain. This construction also allows the horse to feed readily and easily, as it allows most perfect access of air to the interior of the bag, the absence of which has been a great defect in bags heretofore used.

What I claim, and desire to secure by Letters Patent, is—

1. In a nose-bag, the combination of a solid bottom, flexible sides, flexible pockets attached to said bag, orifices in the sides of the bag communicating with said pockets, a ring in the bottom of said bag revoluble therein, said ring having cut-out portions, substantially as described.

2. In a nose-bag, the combination of the bottom, side walls, flexible pockets attached to said side walls, orifices in the said walls communicating with the said pockets, a relatively-large orifice in the front part of said bag, and a slit in the rear part thereof, substantially as described.

Signed at the city of New York, in the county of New York and State of New York, this 16th day of August, A. D. 1899.

DANIEL HOYT.

Witnesses:

FRANCIS B. KAIN,
JOHN A. PEW.