

(No Model.)

J. H. H. BURGE.
VENTILATOR FOR FEED BAGS.

No. 549,475.

Patented Nov. 5, 1895.

Fig 1.

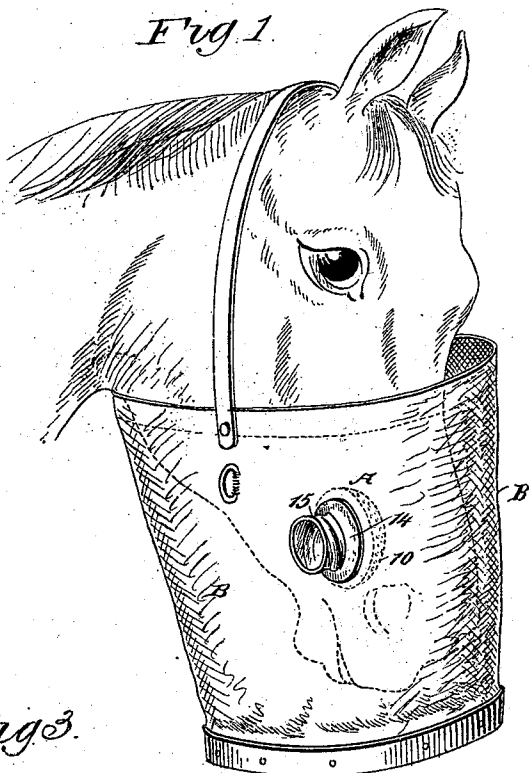


Fig 3.

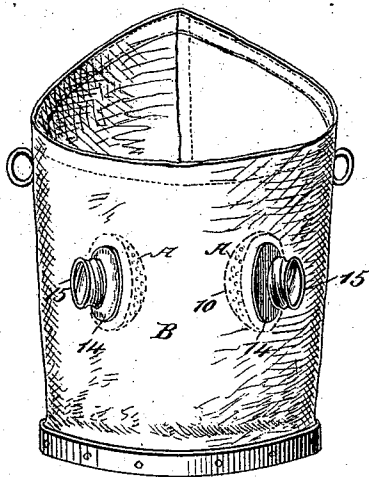
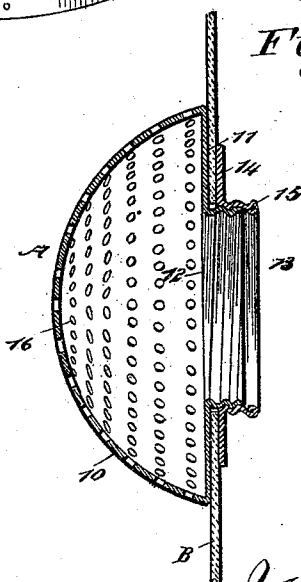


Fig 2.



WITNESSES:

Paul J. J. J.
John A. A.

INVENTOR

J. H. H. Burge

BY

Munn & Co

ATTORNEYS.

UNITED STATES PATENT OFFICE.

JOHN H. H. BURGE, OF BROOKLYN, NEW YORK, ASSIGNOR TO LOUISE SCHNEIDER BURGE, OF SAME PLACE.

VENTILATOR FOR FEED-BAGS.

SPECIFICATION forming part of Letters Patent No. 549,475, dated November 5, 1895.

Application filed March 29, 1895. Serial No. 543,742. (No model.)

To all whom it may concern:

Be it known that I, JOHN H. HOBART BURGE, of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Ventilator for Feed-Bags, of which the following is a full, clear, and exact description.

My invention relates to a device especially adapted for the ventilation of feed-bags; and it has for its object to so construct the ventilating device that improved and more desirable provision is made for the ingress or egress of air through absolutely unobstructed openings in the walls of the bag.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claim.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar figures and letters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of a feed-bag having the improvement applied and illustrating the application of the bag to the head of a horse. Fig. 2 is a longitudinal section through one of the improved ventilators and through a portion of the bag, and Fig. 3 is a front elevation of a bag having the ventilators applied.

The ventilator A consists of a hollow vessel made from any suitable or desired material, and it may be of any size that occasion may demand. Preferably the body 10 of the ventilator is semispherical in general contour, its convex surface being that which is to be located within the feed-bag, and the front or flat surface 11 of the ventilator is provided with an opening 12, usually placed at the center, and the said opening is surrounded by a collar 13, the collar being preferably provided with a thread.

In addition to the body 10 the ventilator consists of a binding-plate 14, usually of disk form, having an opening corresponding to the opening 12 in the body, and this opening is surrounded by a flange 15, threaded to screw upon the threaded portion of the body-flange, and the convex or cylindrical face of the body of the ventilator is provided with apertures 16, more or less closely grouped.

When the ventilators are applied to the feed-bag B one of them is placed at each side of the front of the bag, in such position that the ventilators will rest against the animal's cheeks. In applying the ventilators, openings are made in the feed-bag of sufficient size to permit the collar 13 of the body of a ventilator to pass through. The locking-flange 15 is then screwed upon the body-collar 13 to a firm bearing against the outer face of the bag, whereupon the bag will be firmly clamped between the outer flat face of the body and the disk 14, as shown in Fig. 2.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

A ventilator for feed bags consisting of a semi-spherical portion perforated throughout its curved part and having its plain portion lying against the bag and formed with a central opening and outwardly projected and threaded boss, the boss being extended through an opening in the feed bag and a locking collar comprising a plate engaging the outer side of the bag and having a central opening and an interiorly threaded boss, the latter operating with the boss on the perforated portion to draw the two plain parts together and clamp the ventilator in place, substantially as described.

JOHN H. H. BURGE.

Witnesses:

ALONZO NODINE,
GEORGE H. JACKSON.