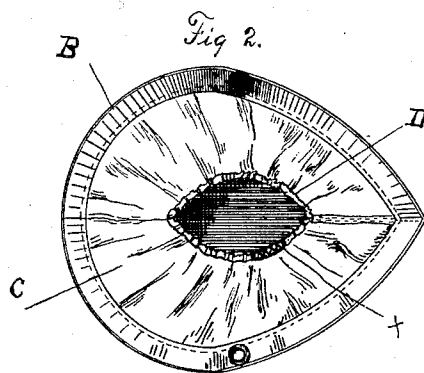
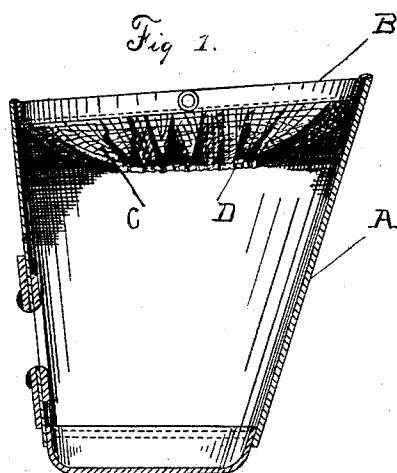


(No Model.)

W. EHRHARDT.
NOSE BAG.

No. 482,730.

Patented Sept. 20, 1892.



WITNESSES:
R. C. Davis
H. J. Smith

INVENTOR
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UNITED STATES PATENT OFFICE.

WILLIAM EHRHARDT, OF NEW YORK, N. Y., ASSIGNOR, BY MESNE ASSIGNMENTS, TO THE ECONOMIC FEED BAG COMPANY, OF SAME PLACE.

NOSE-BAG.

SPECIFICATION forming part of Letters Patent No. 482,730, dated September 20, 1892.

Application filed October 28, 1891. Serial No. 409,827. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM EHRHARDT, of the city, county, and State of New York, have invented a new and useful Improvement in
5 Feed or Nose Bags for Animals, of which the following is a specification, reference being had to the accompanying drawings, in which—

Figure 1 is a vertical central section, and Fig. 2 is a plan view.

10 The object of my invention is to produce an improved nose-bag for holding oats, by the use of which an animal may have perfect ventilation and unobstructed respiration and all waste of grain will be prevented.

15 Referring to the letters on the drawings, A indicates an ordinary nose-bag having the usual small ventilating-apertures in its sides.

B indicates the upper edge of the nose-bag, to which is secured a flexible diaphragm C of
20 open-work material, provided at its lower margin with an annular water-tight spring-case D, containing, preferably, a metallic coiled spring X. The spring-case is secured to the inner margin of the diaphragm and com-
25 pletely incloses and protects the spring from moisture, perspiration, or saliva and prevents its rusting or deteriorating in quality. Such a

nose-bag will perfectly fit various-sized animals, and may be nearly filled with grain without interfering with the breathing of an
30 animal and without any liability to waste the grain. The use of a separate waterproof annular spring-case, in connection with the open-work diaphragm, renders the device durable by preserving the spring in perfect condition.
35

Heretofore nose-bags of this class have been seriously defective, although in different nose-bags some or all of the elements which I employ have been used, except the annular waterproof spring-case in connection with the
40 reticulated or open-work diaphragm.

What I claim is—

In a nose-bag for animals, the combination, with the bag, of a flexible diaphragm C, composed of open-work and secured to the upper
45 margin of the bag, an annular water-tight spring-case D, secured around the inner margin of the diaphragm, and a spring X within said case, substantially as set forth.

WILLIAM EHRHARDT.

Witnesses:

H. J. SMITH,
R. C. DAVIS,
C. A. DOLAN.