

S. WAWRZENIECKI.
FEED BAG.
APPLICATION FILED APR. 20, 1911.

1,037,694.

Patented Sept. 3, 1912.

Fig. 1.

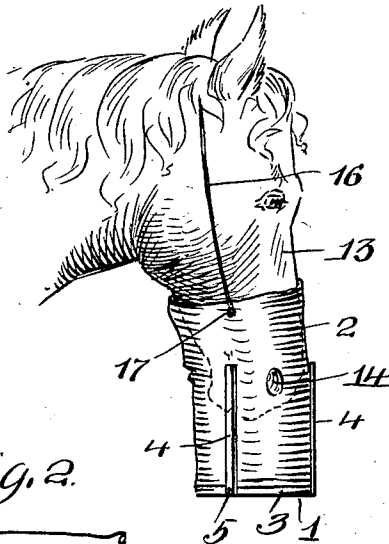


Fig. 2.

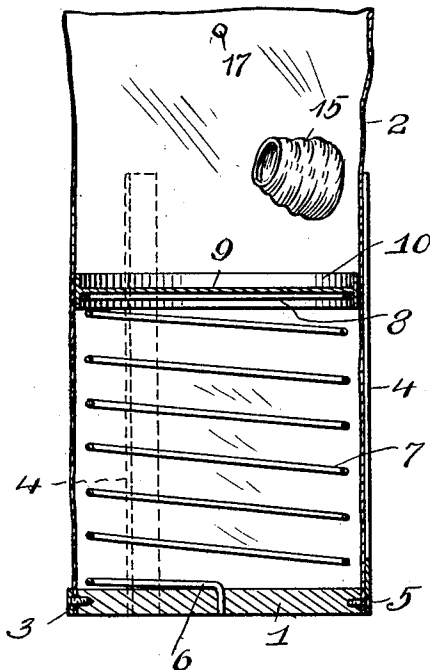
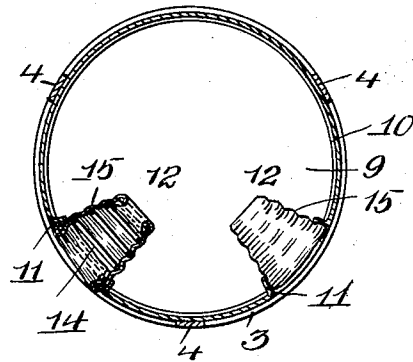


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

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FEED-BAG.

1,037,694.

Specification of Letters Patent.

Patented Sept. 3, 1912.

Application filed April 20, 1911. Serial No. 622,224.

To all whom it may concern:

Be it known that I, STANISLAW WAWRZENIECKI, a subject of the Czar of Russia, residing at Elizabeth, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Feed-Bags, of which the following is a specification, reference being had therein to the accompanying drawing.

10 This invention relates to feed bags for horses and mules, and the primary object of the invention is to provide a feed bag that can be easily suspended from a horse's head whereby the entire contents of the bag can
15 be obtained by the horse.

A further object of this invention is to furnish a feed bag with novel breathing nozzles, which will prevent a horse from breathing or inhaling the dust, dirt or other
20 matter contained within the feed of the bag.

A further object of the invention is to provide a feed bag that is simple, durable and highly efficient for the purposes for which it is intended.

25 With the above and other objects in view, the invention resides in the novel construction, combination and arrangement of parts to be hereinafter specifically described and then claimed.

30 Reference will now be had to the drawing, wherein:—

Figure 1 is a side elevation of a feed bag as applied to a horse's head, Fig. 2 is an enlarged vertical sectional view of the feed
35 bag, and Fig. 3 is a horizontal sectional view of the same.

A feed bag in accordance with this invention comprises a circular bottom plate 1 and secured to the periphery of said bottom plate
40 are the lower edges of a bag or cylindrical casing 2, preferably made of canvas or other strong and durable material. The lower edges of the casing 2 are surrounded by a hoop 3 having a plurality of uprights 4
45 adapted to assist in maintaining the casing or bag 2 in a cylindrical form, these uprights preventing feed within the bag or casing from bulging the side walls of the

same. The hoop 3 is retained in engagement with the circular bottom plate 1 by
50 screws 5 or other fastening means.

Mounted centrally of the circular plate 1 is the lower convolution 6 of a coiled compression spring 7, the upper convolution 8 of
said spring being connected to a feed plate
55 9 having a peripheral flange 10 extending above and below said feed plate. The feed plate is of a diameter equivalent to the diameter of the bag or casing 2, and this plate is adapted to support the feed placed within
60 the bag and gradually feed the same upwardly into the upper part of the bag, as the feed is consumed by a horse.

The bag or casing 2 is provided with two
65 openings 11, adjacent to the upper end thereof, and mounted in these openings are nozzles or tapering conduits 12 adapted to extend into the nostrils of a horse's nose 13, whereby the horse can breathe fresh air
70 without obtaining any of the dust or dirt within the bag or casing 2. Each nozzle is preferably made of a single volute helix spring 14 supporting a casing 15 made of
canvas or other durable material.

The feed bag can be suspended from the
75 horse's head by an ordinary rope or strap 16 having the ends thereof attached to the upper edges of the bag or casing 2, as at 17.

From the foregoing it will be observed that I have devised a sanitary feed bag for
80 horses that will prevent a horse from inhaling the dust and dirt generally found in oats, corn and other feed, and it is apparent that considerable feed can be saved as it is unnecessary for the horse to shake the bag
85 to obtain the feed at the bottom thereof; the spring pressed feed plate 9 gradually placing the feed in position to be entirely consumed by the horse.

What I claim is:—

90 A feed bag comprising a circular disk constituting a base, a flexible casing inclosing said disk and secured thereto, said casing provided with a pair of openings
95 near its upper end, a coiled spring having its lower end bent at an angle and fixed in

said disk centrally thereof, a feed plate having an upwardly and downwardly depending peripheral flange, said feed plate mounted upon the upper end of said spring and
5 the depending portion of said flange inclosing the upper portion of the spring, inwardly extending conical shaped flexible nozzles secured to said casing and communicating with said openings, and compressible

springs mounted in said nozzles and yield- 10
ingly maintaining them extended.

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

STANY WAWRZENIECKI.

Witnesses:

CHRISTINA T. HOOD,

MAX H. SROLOVITZ.

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