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Inventor:
Chas. H. Himesley
By James H. Himesley
Attys

UNITED STATES PATENT OFFICE.

CHARLES H. HENCKLER, OF CHICAGO, ILLINOIS.

FEED-BAG.

953,032.

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To all whom it may concern:

Be it known that I, CHARLES H. HENCKLER, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Feed-Bags, of which the following is a specification.

This invention relates to improvements in feed bags and the primary object of the same is to construct an improved device of this character which is provided with a reservoir attachment for holding the supply of feed and from which the feed is supplied to the bag as it is consumed, thereby preventing waste which is usually occasioned by the animal throwing the feed out of the bag when the entire amount is placed therein at the same time.

A further object is to provide improved means for preventing the supply from the reservoir from being cut off by the animal, and improved means for supporting the reservoir.

A further object is to provide an improved flexible reservoir attachment and improved means for closing the reservoir whereby the feed may be confined therein when the bag is not in use, and the reservoir folded compactly with the bag, thereby obviating the danger of the feed becoming lost when the bag is not in use.

To the attainment of these ends and the accomplishment of other new and useful objects, as will appear, the invention consists in the features of novelty in the construction, combination and arrangement of the several parts hereinafter more fully described and claimed and shown in the accompanying drawing illustrating the embodiment of the invention and in which—

Figure 1 is a perspective view of an improved device of this character constructed in accordance with the principles of this invention and showing the reservoir attachment open at both ends. Fig. 2 is a longitudinal sectional view of Fig. 1 showing in dotted lines the end of the reservoir closed.

Referring more particularly to the drawing and in the present exemplification of the invention the numeral 10 designates the feed bag proper which may be of any desired size and shape and constructed of any suitable light and durable material, such as straw board, papier mâché or the like, and secured to the sides of the bag are suitable

flexible members 11 which preferably extend a short distance above the top edge of the sides. Supported by the flexible extensions are adjustable straps 12, 13, one of which, preferably the strap 12, is adapted to pass over the nose of the animal and the other, 13, over the neck of the animal for supporting the feed bag in position so that the animal can feed therefrom. One of the walls of the feed bag, preferably the rear wall, is provided with an offset portion 14 which is open at the top, as shown more clearly in Fig. 2 of the drawing, to form a nozzle or chute through which the feed is adapted to be supplied to the bag.

A reservoir 15, which is constructed of any suitable flexible material and tubular in construction, is provided with open ends 16, 17, and one of the ends, preferably the end 17, is secured to the offset portion or chute 14 by inserting said end into the space between said portion and the member 18 and fastening the same as by means of rivets so that the reservoir will discharge through the chute and into the feed bag 10. Extending across the chute or inlet 14 is a member 18 which may be constructed of any suitable rigid material and to which a portion of the end 17 of the reservoir is secured so that this end of the reservoir will be normally held open.

Any suitable means may be provided for supporting the free end of the reservoir. A suitable and efficient means for accomplishing this purpose comprises adjustable straps or flexible members 19, one extremity of which is secured to the reservoir 15 at any desired point, preferably adjacent the free end thereof, and the other extremities are preferably secured to the strap 13 so that when the bag is supported in the usual manner the reservoir will be held in position by the straps or flexible members 19 and these straps or members are of such a length that the reservoir is adapted to extend under the jaw of the animal and be supported in an inclined position so that when the end 17 thereof is open, the feed in the reservoir will be discharged through the chute 14 and into the bag 10. The member 18 extending across the chute or opening 14 and also across the adjacent extremity of the reservoir serves as a guard for the reservoir to prevent the animal from shutting off the supply from the reservoir during the operation of eating. Furthermore, with this improved construc-

tion the inlet opening or chute 14 is of such a size as to supply a small quantity of feed to the bag at one time and when the quantity of feed has been consumed, an additional supply will be automatically fed from the reservoir, thereby preventing any great amount of feed accumulating in the bag at one time and obviating the danger of the animal throwing the feed out of the bag, as is the case when the entire supply is placed in the feed bag at one time.

With this improved construction a comparatively shallow feed bag may be employed and only a limited quantity of feed will be supplied to the bag at one time, thereby obviating the necessity of the animal throwing its head to gather up the feed which is adjacent the bottom of the feed bag and which in the ordinary construction of feed bags is spaced some distance from the animal's mouth.

Any suitable means may be provided for closing the ends of the reservoir. A suitable and efficient means for accomplishing this purpose comprises flexible draw strings or members 20, 21, one of which is located adjacent the extremity 17 of the reservoir and beyond the inlet or chute 14 of the bag and is adapted to close the end of the bag, as shown in dotted lines in Fig. 2 of the drawing, so that the reservoir may be filled with the desired amount of feed and after which the extremity 16 of the reservoir may be closed by the draw string or member 21, as shown in dotted lines in Fig. 2 of the drawing.

In this improved construction it will be

apparent that the supply of feed may be placed within the reservoir and the latter closed to confine the feed therein and the reservoir and supporting straps or members 12, 13 and 19 can be folded compactly in the feed bag 10 when not in use and when it is desired to use the feed bag it may be first adjusted to the head of the animal and then the extremity 17 opened by releasing the draw string or member 20 to supply the feed to the bag as it is consumed by the animal.

In order that the invention might be fully understood by those skilled in the art, the details of the foregoing embodiment thereof have been thus specifically described but

What I claim as new therein and desire to secure by Letters Patent is—

In combination, a feed bag provided with a rigid chute discharging into the bag, said chute being open at the top, a flexible reservoir open at both ends, one of the ends of the reservoir being connected with the top of the chute to adapt it to be discharged into the feed bag, and means for constricting the walls of the reservoir over the upper end of the chute to confine the feed in the reservoir.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, on this 11th day of January A. D. 1908.

CHARLES H. HENCKLER.

Witnesses:

J. H. JOCHUM, Jr.,
JOSEPH JENEN.