

E. FORBES.
Feed-Bag for Horses.

No. 221,544.

Patented Nov. 11, 1879.

Fig. 1

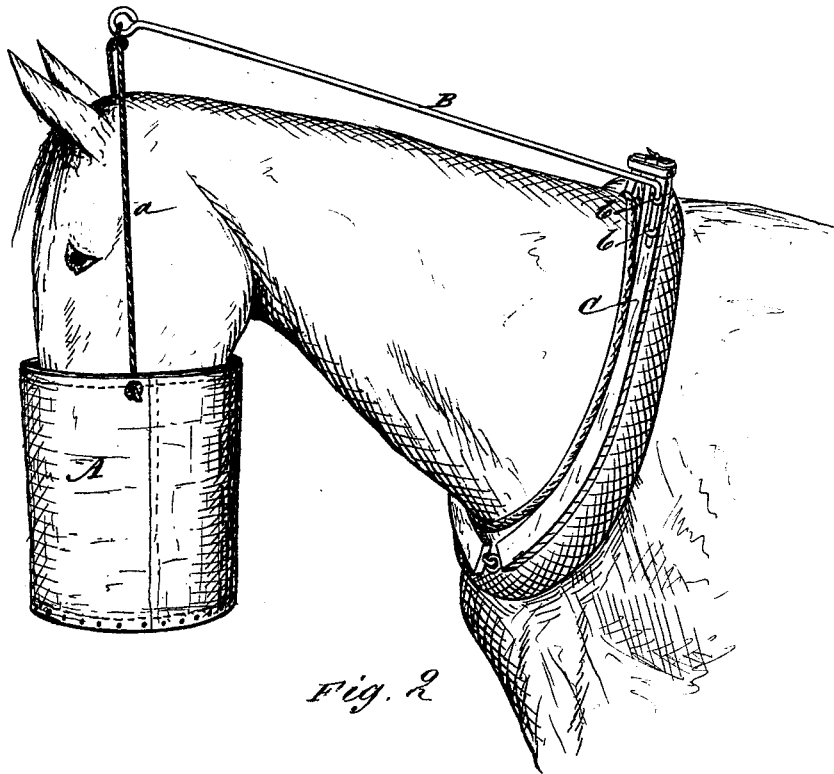
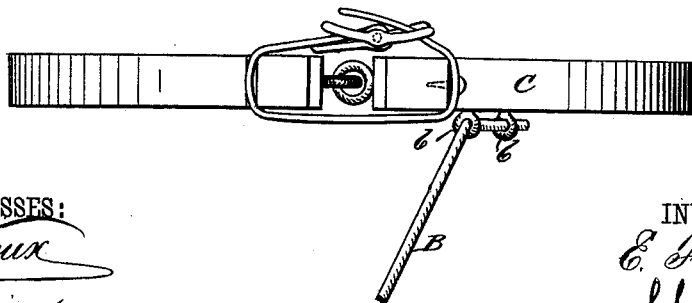


Fig. 2



WITNESSES:

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UNITED STATES PATENT OFFICE.

EDWIN FORBES, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN FEED-BAGS FOR HORSES.

Specification forming part of Letters Patent No. **221,544**, dated November 11, 1879; application filed April 29, 1879.

To all whom it may concern:

Be it known that I, EDWIN FORBES, of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Feed-Bag for Horses, of which the following is a specification.

The object of my invention is to provide means for supporting feed-bags in a convenient position for horses to eat from without interfering with the natural movements of the head. Such bags are used while the harness, with the exception of the bridle, is upon the horse; and my invention consists in a spring-arm adapted for connection upon the hames, with its outer end extending over the horse's head, and from which outer end the feed-bag is suspended.

The invention and manner of using the same are illustrated by the accompanying drawings, wherein—

Figure 1 is a side view of the feed-bag and support as applied to use. Fig. 2 is a top view of the hames and connections of the spring-arm.

Similar letters of reference indicate corresponding parts.

A is the feed-bag, suspended by its flexible handle *a* from an eye on the outer end of the arm or rod B, that is attached by eyes *b b* to the upper part of the hames C. The arm B is, preferably, a light rod of spring metal, sufficiently rigid to support the weight of the bag and its contents, and with elasticity enough to allow of its bending without setting by any downward pressure caused by the horse. The end of arm B at the hames is bent at nearly a right angle to form a tongue, that enters loosely in the screw-eyes *b*, that are attached permanently in the hames.

There are two eyes, *b*, to prevent the arm from turning, and the arm is bent at such an angle as will cause its outer end to stand a

short distance above the horse's head, and thereby give room for movement of the head.

The arm B will be turned in the eyes *b* to bring its outer end at the center, and the handle *a* of the bag will, by preference, be attached by a knot to prevent it slipping and overturning the bag, and it can be readily lengthened or shortened to adjust the bag.

The arm can be readily connected to or disconnected from the hames, and remain attached upon the feed-bag for use when required.

It will be seen that the horse is free to move his head naturally up and down without disturbing the bag and spilling the feed, and the arm and bag will accommodate themselves to side movement.

When the bag is hung from the head, as usual, the horse's nose is forced into the feed, or else he cannot reach the feed, and in either case the horse is irritated and throws the bag around, while if he can eat conveniently, as allowed by my feed-bag, the horse will stand quietly.

The rod B may be formed with a projection at each side where it enters the eyes *b*, to prevent side movement, except by the spring of the rod; or the hames may be fitted with pins for the same purpose.

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

As an improvement in feed-bag supports, the rod B, swiveled in the screw-eyes *b* on the upper part of the hames C, and adapted to support a feed-bag on its outer end, substantially as herein shown and described.

EDWIN FORBES.

Witnesses:

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