

A. McMILLEN.
FEED BAG.
APPLICATION FILED APR. 29, 1911.

1,022,862.

Patented Apr. 9, 1912.

FIG. 1

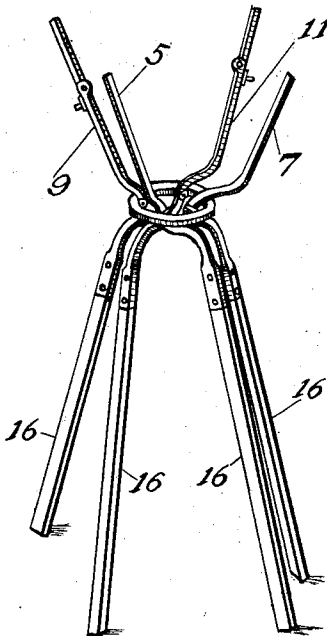


FIG. 2

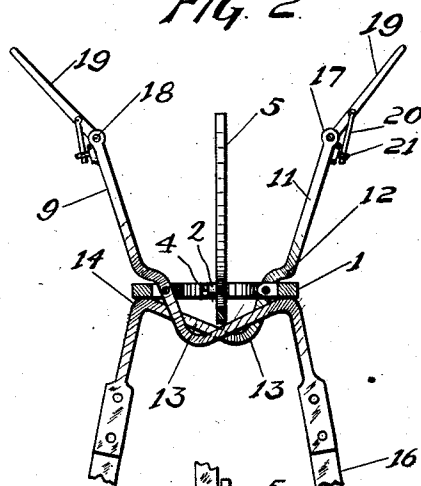


FIG. 3

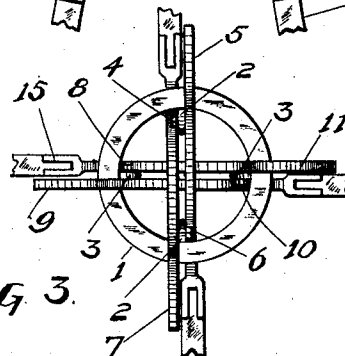


FIG. 4

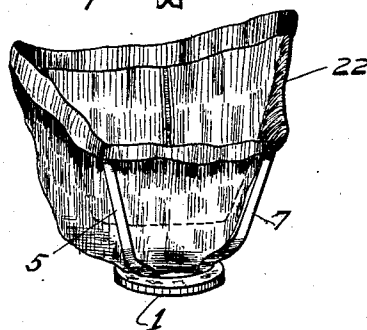
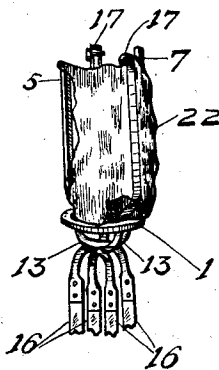


FIG. 5

WITNESSES:

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FEED-BAG.

1,022,862.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, ANDREW McMILLEN, a citizen of the United States of America, residing at Russellton, 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.

This invention relates to feed bags, and the objects of my invention are to furnish a feed bag or receptacle with a novel foldable support that can be collapsed to occupy a comparatively small space, and to provide a feed bag support that will entirely remove the weight of a feed bag from a horse's head and allow perfect freedom of the head when consuming the feed contained within the bag.

Other objects of my invention are to provide a simple and durable support that is constructed upon the principle of a tripod, and to provide a feed bag that can be easily and quickly placed in position or folded when it is desired to store the same away.

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

Reference will now be had to the drawing, wherein like numerals denote corresponding parts throughout the several views, in which:—

Figure 1 is a perspective view of the feed bag support, Fig. 2 is an enlarged vertical sectional view of a portion of the same, Fig. 3 is a plan of a portion of the support, Fig. 4 is a perspective view of a portion of the support in a closed position, and Fig. 5 is a similar view showing the feed bag in an open position.

A feed bag support in accordance with this invention comprises a flat ring 1 having the inner wall thereof provided with inwardly projecting oppositely disposed apertured lugs 2 and 3. Pivotally connected to one side of one of the lugs 2 by a bolt 4 is an arm 5 and pivotally connected to the other side of the other lug 2 by a bolt 6 is an arm 7. The lugs 2 and 3 are equally spaced upon the inner wall of the flat ring 1 and pivotally connected to one side of one of the lugs 3 by a bolt 8 is an arm 9, and pivotally connected to the other side of the

lug 3 by a bolt 10 is an arm 11. Each of the arms 5, 7, 9 and 11 have offset portions 12 and the lower end of each arm is bent at an angle, as at 13 to provide a rest 14 for the ring 1, the angularly bent end of the arm extending downwardly and having the lower end thereof bifurcated, as at 15 to receive the upper end of a leg 16. The angularly disposed portions 13 of the arms cross one another below the ring 1 and at a point in the vertical axis of the ring 1.

The upper ends of the arms are enlarged and apertured, as at 17 and pivotally connected to the upper ends of said arms by pins 18 are extensions 19. These extensions have pivoted pins 20 adapted to engage in eyes 21 carried by the upper outer side of the arms 9 and 11, the pins 20 maintaining the extensions 19 at an obtuse angle relatively to said arms. A bag or receptacle 22, preferably made of canvas, can have the upper edges thereof connected to the upper ends of the arms 5 and 7 and the upper ends of the extensions 19. As the walls of the receptacle supported by the extensions 19 will be of a greater depth than the walls supported by the upper ends of the walls 5 and 7, a horse can easily place the mouth in the receptacle and with the walls held by the extensions 19 extending upwardly at the sides of the head of a horse, it is practically impossible for a horse to waste feed by throwing the same from the receptacle.

When the legs 16 are swung outwardly the ring 1 is supported upon the rest 14 and the support for the feed bag is prevented from accidentally collapsing. With the ring engaging the rest 14 the arms 5, 7, 9 and 11 are correctly positioned.

In some instances the extensions 19 can be dispensed with, and with all of said arms made of light and durable metal a strong structure is provided for supporting a receptacle.

It is thought that the operation of folding or collapsing a feed bag support will be apparent without further description.

While in the drawing there is illustrated a preferred embodiment of the invention, it is to be understood that the structural elements thereof are susceptible to be varied or changed without departing from the scope of the appended claims.

What I claim is:—

1. In a feed bag, a ring, a plurality of arms pivotally supported at the inner wall

of said ring and having the lower ends thereof angularly disposed to provide rests for said ring, legs carried by the lower ends of said arms, extensions pivotally supported by the upper ends of some of said arms, and a receptacle adapted to be supported by all of said arms.

2. In a feed bag, a ring, inwardly projecting apertured lugs carried thereby, arms pivotally connected to said lugs and having the lower ends thereof angularly disposed to provide rests for said ring, legs carried by the lower ends of said arms, and a receptacle adapted to be supported between said arms.

3. In a feed bag, a ring, inwardly projecting apertured lugs carried thereby, arms

pivotally connected to said lugs and having the lower ends thereof angularly disposed to provide rests for said ring, legs carried by the lower ends of said arms, a receptacle adapted to be supported between said arms, pivoted extensions carried by the upper ends of some of said arms and adapted to hold oppositely disposed edges of said receptacle, and means carried by said extensions and adapted to maintain said extensions at an obtuse angle to said arms.

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

ANDREW McMILLEN.

Witnesses:

MAX H. SROLOVITZ,
H. C. EVERT.

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