(No Model.)

G. W. SALTER.

FEED BAG.

No. 457,032. Patented Aug. 4, 1891.

Fig. 1.

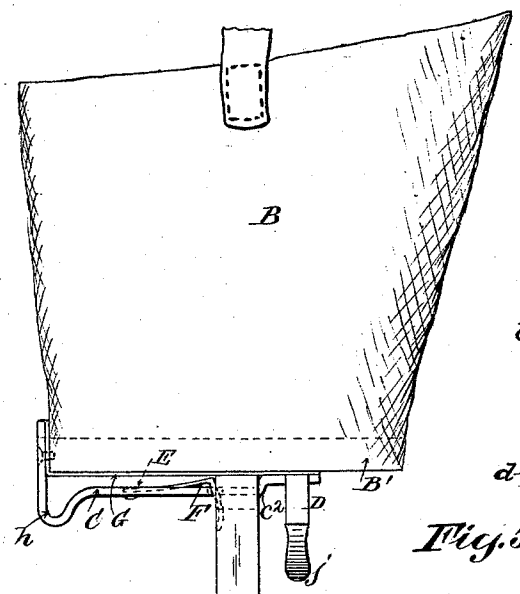


Fig. 5.

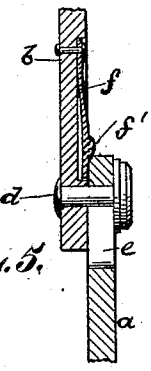


Fig. 2.

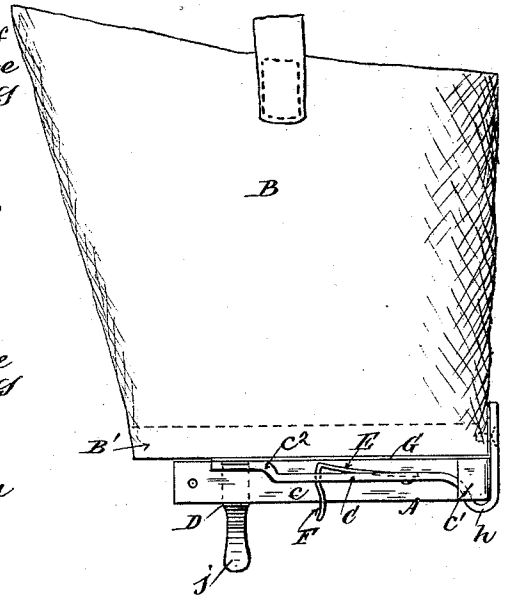


Fig. 3.

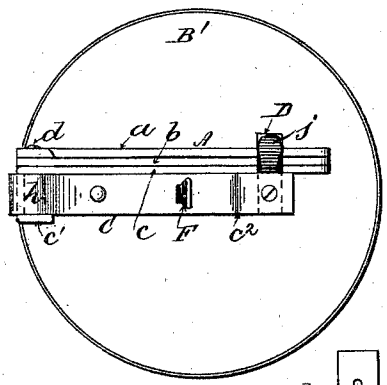
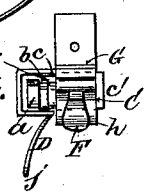
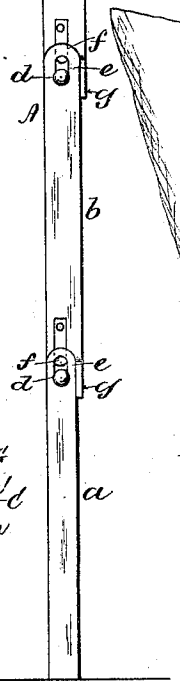


Fig. 4.





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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

GEORGE W. SALTER, OF BROOKLYN, NEW YORK.

FEED-BAG.

SPECIFICATION forming part of Letters Patent No. 457,032, dated August 4, 1891.

Application filed November 26, 1890. Serial No. 372,680. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. SALTER, of the city of Brooklyn, in Kings county, and State of New York, have invented certain new and useful Improvements in Feed-Bags, of which the following description, in connection with the accompanying drawings, forming a part thereof, is a full, clear, and exact specification.

My invention relates to feed-bags for horses, such as are designed to be attached to the horse's head or bridle for feeding in the street; and the invention consists in combining with the bag of the common or of any approved form of construction a folding and laterally-adjustable standard or leg for supporting the bag from the ground or pavement, so that the horse may conveniently eat all the grain or feed placed in the bag, and also be prevented from throwing the feed out of the bag and wasting the same, and when not in use folded into small compass at the bottom of the bag for convenience in carrying the bag.

Figure 1 is a side elevation of a feed-bag having my invention applied thereto, the support or leg extended and in position for use. Fig. 2 is a side view of the same, showing the leg folded and attached to the bottom of the bag. Fig. 3 is a bottom view of the same. Fig. 4 is an end elevation of the attachment as it appears when folded, and Fig. 5 is a detail sectional view.

A represents the standard or leg attached to the bottom B′ of the bag B by a plate C or other suitable means fastened to said bottom B′. The said standard or leg is by preference made in sections adapted to be folded one upon the other to occupy small space when not in use, and I prefer to employ three sections *a b c*, in the usual length of standard, though more or less may be used, according to circumstances. These sections are hinged together by pins *d*, which work in short slots *e* to permit the sections to have a longitudinal as well as a pivotal movement, so that when the sections are set up on the pins *d* the lugs or flanges *g* will lock the sections in line with each other, and I may use at each joint a friction-spring *f* to act on the inner surface of the adjacent section to prevent the lower sections from dropping down of their own weight and turning on the pins *d*. The said springs may be provided with a beveled or oval projection *f′* to enter the upper ends of the slots, if desired. By drawing downward upon the sections, so that the upper ends of the slots will rest in contact with the pins, the sections may be turned on the pins and folded together, as shown clearly in Fig. 3. The section *c* is attached to the plate C by a hook *c′*, which embraces the plate and is adapted to slide thereon from the edge of the bottom to the center thereof, or thereabout. When the said hook *c′* is at the outer end of the plate, it drops into a depression *h*, which permits the sections to be turned to occupy a position flat against the bottom of the bag, as shown in Figs. 2 and 3. When in this position, the standard or leg is held by a keeper or spring-hook D, secured near the inner end of the plate C, as shown clearly in Fig. 4. The plate C, besides being depressed at *h*, is also bent at c^2 to form the passage or narrow way E for the hook *c′* to slide in from the edge to the center of the bottom of the bag, and a latch or spring F is attached to the plate, so as to project into said passage or way for locking the standard in position at the center.

In use, the sections being folded and held by the keeper D, the said spring will be drawn back by the finger-piece *j*, whereupon the sections will drop into line and turn the hook *c′* from the depression *h* into the way E. The standard is then simply to be moved along the plate C past the latch F, where it will be held at the center of the bag, and thus serve to hold the bag and its contents up to the horse, so that he will experience no difficulty in reaching the feed placed in the bag after the bag shall have been attached to the horse's head or bridle in the usual manner. To fold the standard it is only necessary to depress the latch F and slide the standard along the plate to the depression *h*, then pull downward upon the sections to compress the springs *f* and turn the sections one upon the other, and then turn them up against the bottom and press them past the keeper D, where they will be firmly held, so that the bag may be carried in small compass. In some cases I may use a chafe-plate G, placed immediately against the bottom of the bag, to prevent wear and friction; but I do not deem

this necessary, particularly in case the bottom B′ should be of hard wood or metal.

I do not desire to limit myself to the special attachment of the standard to the bottom here described, as other means could be devised and permit the employment of a folding sectional leg or standard without departing from the spirit of my invention.

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

1. The combination, with a feed-bag, of a folding and laterally-sliding leg applied to a plate attached to the bottom of the bag, substantially as and for the purposes described.

2. A feed-bag provided at the bottom with a plate depressed near the outer end thereof, combined with a folding and laterally-sliding leg attached to said plate, substantially as described.

3. The combination, with a feed-bag, of a folding leg or standard the sections of which are provided with lugs *g*, slots *e*, and springs *f*, substantially as described.

4. The plate C, formed with the depression *h* and secured to the bag, in combination with the section *c*, formed with a hook *c′* to embrace the said plate, substantially as described.

5. The combination, with the feed-bag, of the plate C, latch F, spring D, and the sectional leg or standard attached to the plate, substantially as described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of two witnesses, this 21st day of November, 1890.

GEORGE W. SALTER.

Witnesses:
H. A. WEST,
EMMA W. L. BLATZ.