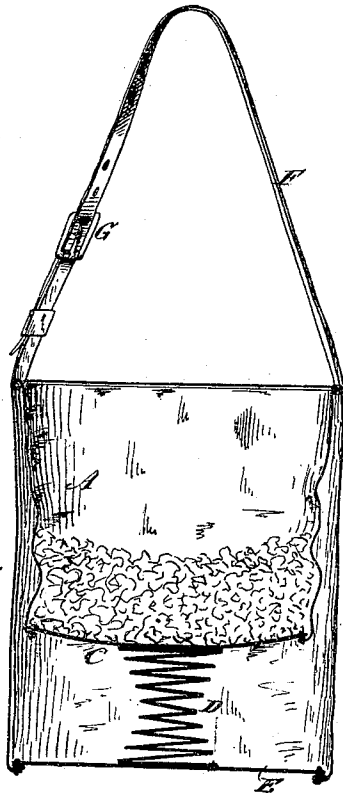


T. MILLER.  
FEED-BAGS FOR ANIMALS.

No. 179,590.

Patented July 4. 1876.



WITNESSES:

*C. Kereux*  
*John Goethals*

INVENTOR:

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BY

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ATTORNEYS.

# UNITED STATES PATENT OFFICE.

THOMAS MILLER, OF JERSEY CITY, NEW JERSEY.

## IMPROVEMENT IN FEED-BAGS FOR ANIMALS.

Specification forming part of Letters Patent No. **179,590**, dated July 4, 1876; application filed June 6, 1876.

*To all whom it may concern:*

Be it known that I, THOMAS MILLER, of Jersey City, in the county of Hudson and State of New Jersey, have invented a new and Improved Feeding-Bag for Animals, of which the following is a specification:

My improvement in feeding-bags, such as are suspended from the head of the animal, consists of a secondary bag inside of the ordinary bag, with a spring or springs between its bottom and the bottom of the outside bag, so contrived that the spring which is contracted by the weight of the food placed on it will rise as the food is consumed, and thus the level of the food will be maintained in such convenient proximity to the mouth of the animal that he will be saved the difficulty of jerking and throwing the bag about which he has to do with the common bag to get the food after a portion has been consumed. The second bag will be constructed of any approved woven or other equivalent flexible material for the sides, and a wood, metal, or other bottom, which will preferably be in concave form, and the top will be sewed or fastened to the top of the outer bag.

The drawing is a sectional elevation of my improved bag for feeding animals.

A is the outer bag, which I make as any ordinary feeding-bag, except that I prefer to make it a little longer; but it is not very essential. B is the interior bag, which may be the same length, or a little shorter than A, and is attached to the top of A, and its bottom C rests on a spring or springs, D, which are supported on the bottom E of the outer bag. F is the strap for buckling the bag to the head of the horse, and adjusting it to the height required by the buckle G.

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

The combination of the inner bag B, outer bag A, and the spring or springs D in a feeding-bag, substantially as specified.

THOMAS MILLER.

Witnesses:

T. B. MOSHER,  
ALEX. F. ROBERTS.