

No. 875,194.

PATENTED DEC. 31, 1907.

H. E. LOCKE & W. A. SCOTT.

FEED BAG.

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Fig. 1.

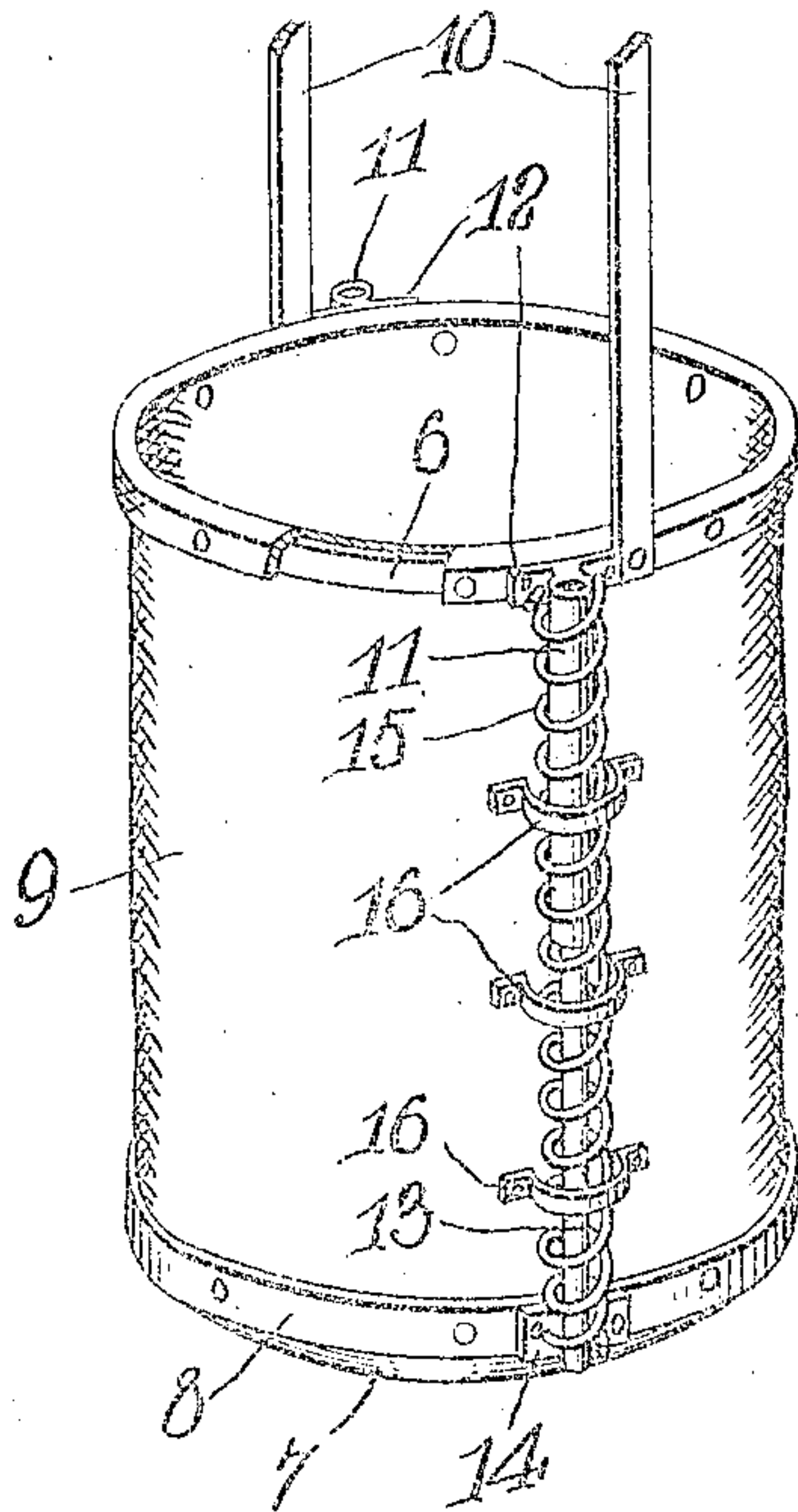
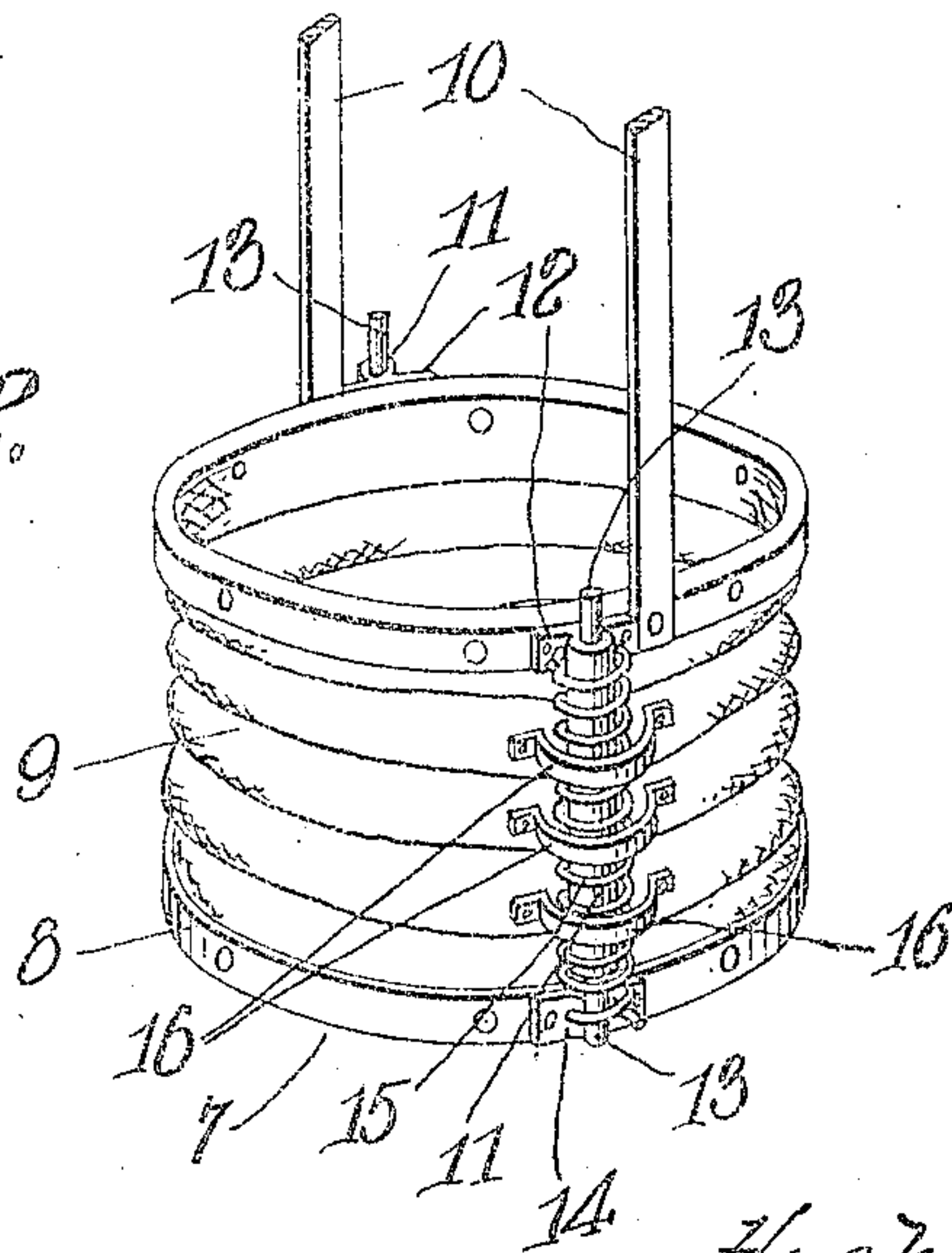


Fig. 2.



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Witnesses

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UNITED STATES PATENT OFFICE.

HUGH E. LOCKE AND WALTER A. SCOTT, OF CHICAGO, ILLINOIS.

FEED-BAG.

No. 375,194.

Specification of Letters Patent.

Patented Dec. 31, 1907.

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To all whom it may concern:

Be it known that we, HUGH E. LOCKE and WALTER A. SCOTT, citizens 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 feed bags, and has for its object to provide an improved bag the bottom of which is spring-supported with respect to the top, so that when the bag is full the weight of the feed will cause the bag to expand, and as the feed is eaten the springs will draw up the bottom, so as to keep the feed near the mouth of the horse, and prevent the customary tossing of the bag in consequence of the inability of the animal to reach the feed, which results in spilling and losing more or less of the feed.

The invention is illustrated in the accompanying drawings, in which

Figure 1 is a perspective view of the bag expanded. Fig. 2 is a perspective view of the bag contracted.

Referring specifically to the drawings, the bag will be seen to be formed of a top ring 6, a bottom disk or board 7, with a band 8 around the edge thereof, and a body 9, the body being formed of canvas or other flexible fabric. The head strap 10 is connected at its ends to the top ring.

The top ring has secured thereto, on opposite sides of the bag, tubes 11 which project or extend downwardly and which are fastened to the top ring by suitable fixtures 12. The lower band or bottom of the bag has secured thereto a pair of upwardly-extending rods 13 corresponding in position to the tubes 11 and projecting thereinto. These rods will work up and down in the

tubes. They are fastened to the bottom of the bag by fixtures 14. The tubes and rods are surrounded by coiled springs 15 which are connected at opposite ends to the fixtures 12 and 14, and which tend to collapse the bag or draw up the bottom thereof, but the springs are of proper strength to allow the bottom to lower when feed is placed in the bag. The bag is retained in proper shape or position by means of loose straps or loops 16 which are fixed to the body of the bag and extend around the tubes and the rods referred to. These straps prevent the body of the bag from falling or collapsing inwardly so as to interfere with access to the feed in the bag.

When the animal is to be fed, the feed is placed in the bag, causing the same to expand. As fast as the animal eats the feed the lessening weight will permit the springs to draw up the bottom or contract the bag and retain the body of the feed in contact with the mouth of the horse.

We claim:

A collapsible feed bag having a rim at the top and depending tubes fixed to opposite sides of the rim, rods slidable within said tubes and fixed at their lower ends to the bottom of the bag, coiled springs around the tubes and rods and connected at opposite ends to the top and bottom of the bag, and loops connected to the body of the bag and extending around said springs.

In testimony whereof we affix our signatures, in presence of two witnesses.

HUGH E. LOCKE
WALTER A. SCOTT.

Witnesses:

NELLIE FELTSKOG,
H. G. BATCHELOR.