

(No Model.)

C. S. WALIN.
FEEDER FOR STOCK.

No. 364,557.

Patented June 7, 1887.

Fig. 1.

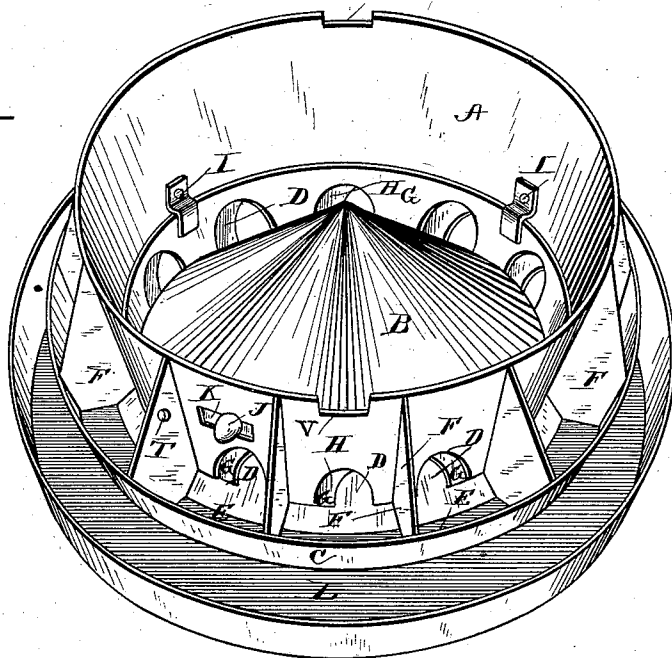


Fig. 2.

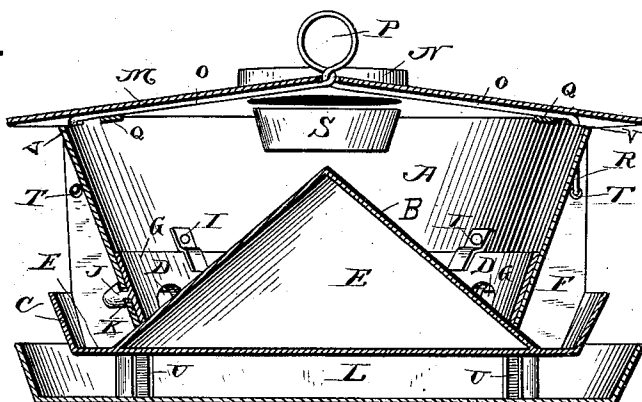
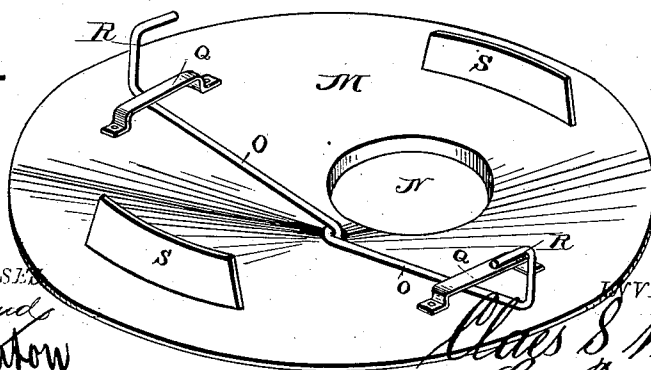


Fig. 3.



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CLAES S. WALIN, OF CHICAGO, ILLINOIS.

FEEDER FOR STOCK.

SPECIFICATION forming part of Letters Patent No. 364,557, dated June 7, 1887.

Application filed March 19, 1887. Serial No. 231,512. (No model.)

To all whom it may concern:

Be it known that I, CLAES S. WALIN, a citizen of the United States, and a resident of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Feeders for Stock; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view of my improved feeder for stock with the cover removed. Fig. 2 is a transverse sectional view of the same with the cover in place, and Fig. 3 is a perspective view of the cover inverted and removed from the feeder.

Like letters of reference denote corresponding parts in all the figures.

My invention has relation to feeders for stock, poultry, &c.; and it consists in the improved construction and combination of the parts of the same, as will be hereinafter fully described and claimed.

In the accompanying drawings, the letter A denotes the feed-receptacle, having a conical bottom, B, provided with an upwardly-projecting flange, C. The lower part of the tapering feed-receptacle has apertures D, for the purpose of admitting the feed to the trough E, and the outer side of said tapering feed-receptacle is provided with webs or partitions, F, which divide the trough into feed-stalls.

G denotes the device for regulating the flow of feed through the apertures D into the trough E. This device is in the nature of a movable band fitting the inside of the feed-receptacle, and is provided with apertures H, registering with the apertures in the feed-receptacle. The said feed-regulator is secured in the feed-receptacle by means of the lips or keepers I I, secured to the receptacle, and is adapted to be adjusted for the purpose of limiting the flow of feed into the feed-stalls by means of the headed pin J, attached to the side of the same, and projecting through a slot, K, in the side of the receptacle.

Secured beneath the feed-receptacle by means of legs U U is a water-receptacle, L.

M denotes a cover having an inlet, N, in its top for the purpose of filling the trough with grain.

O denotes the locking device, consisting of a piece of wire twisted at its middle to form the loop or handle P, the free ends projecting in opposite directions through the loops Q Q, and formed at their extremities with hooks R R.

V V are notches cut opposite to one another in the top edge of the feed-receptacle, to permit the lid to fit tightly on said feed-receptacle, and also to permit of the movement of the locking device O.

S S denote ears secured to the cover at right angles to the locking device, which fit inside of the feed-receptacle to hold it in place, thus working in conjunction with the locking device.

Two diametrically-opposite webs or partitions of the feed-trough are provided with apertures T T, which receive the hook ends of the locking device, and thus hold the cover firmly in place.

When it is desired to remove the cover for the purpose of cleaning the feed-receptacle, or for any other purpose, the handle or loop P is turned, thus throwing the hook portion of the locking device out of engagement with the perforated webs or partitions.

By having the cover constructed of a greater circumference than the feed-trough rain will be excluded from the said trough, thus preventing damage to the food therein; and it will be seen that by having the food-receptacle above the water-receptacle ants and the like will be prevented from entering the food-stalls from the ground.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

1. In a device for feeding and watering stock, the combination of a tapering feed-receptacle provided with a conical bottom, the lower part of said receptacle having apertures located therein, the outer side being provided with feed-stalls, and a water-receptacle arranged beneath the feed-receptacle, with a feed-regulator consisting of a tapering annular band having apertures in its lower edge registering with the apertures in the side of the feed-receptacle, and means, substantially as

described, for adjusting the said regulator, substantially as set forth.

2. In a device for feeding and watering stock, the combination of the feed-receptacle having perforated webs or partitions, and the cover having downwardly-projecting ears, with the locking device consisting of a piece of wire twisted at its middle to form a loop or handle, the said loop or handle adapted to project through the top of the cover, and having its ends projecting in opposite directions

and formed with hooks adapted to be attached to the said perforated webs or partitions, as and for the purpose set forth.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

CLAES S. WALIN.

Witnesses:

JOHN WALIN,

AXEL LUNDKVIST.