Aug. 21, 1923. 1,465,763

N. A. HEACOCK

STOCK FEEDER

Original Filed April 12, 1920

Fig. 1.

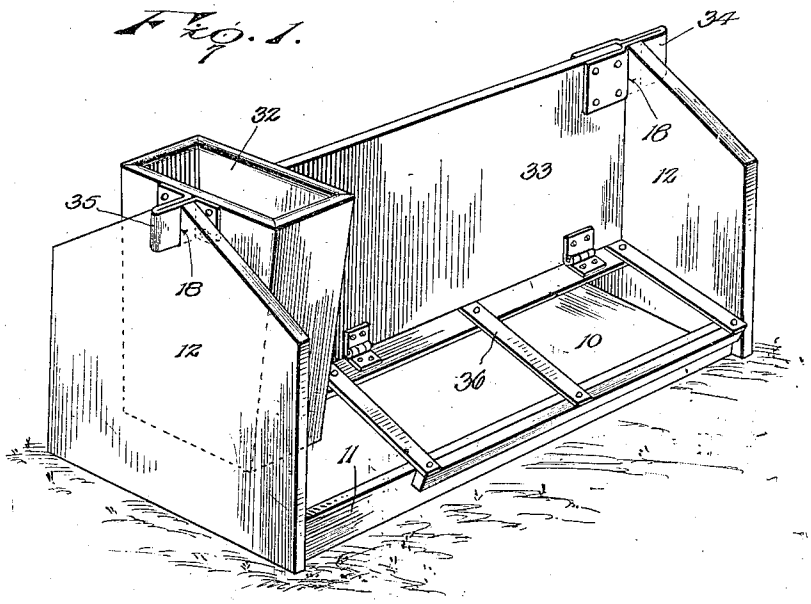
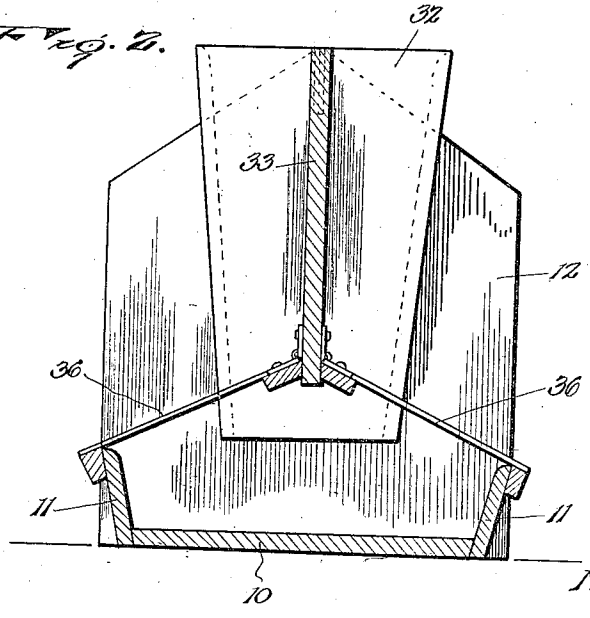


Fig. 2.



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By

Lacey & Lacey, Attorneys

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UNITED STATES PATENT OFFICE.

NATHAN A. HEACOCK, OF SULLIVAN, ILLINOIS.

STOCK FEEDER.

Original application filed April 12, 1920, Serial No. 373,218. Divided and this application filed June 1, 1921. Serial No. 474,088.

To all whom it may concern:

Be it known that I, NATHAN A. HEACOCK, citizen of the United States, residing at Sullivan, in the county of Moultrie and State of Illinois, have invented certain new and useful Improvements in Stock Feeders, of which the following is a specification.

This invention relates to an improved stock feeder, being a division of my pending application for stock feeder filed April 12, 1920, Serial No. 373,218 which has become Patent No. 1,441,345, issued Jan. 9, 1923.

Among other objects, the invention seeks to provide a feeder especially designed for feeding swill to hogs or for the purpose of watering hogs.

Other and incidental objects will appear hereinafter.

In the drawing:

Figure 1 is a perspective view of the feeder, and

Figure 2 is a transverse sectional view through the device.

In carrying the invention into effect, I employ a trough 10 provided with sides 11, the ends of the trough being extended upwardly to form standards 12. The trough may, of course, be constructed of any suitable material and varied in dimensions as desired. Formed in the upper end edges of the standards medially thereof are alined slots 18.

A hopper 32 is employed. Connected to the inner side of said hopper is a dividing board 33 to the upper outer corner of which is connected a bracket 34. A similar bracket 35 is mounted upon the outer side of the hopper and, as will be observed, the brackets 34 and 35 coact to provide a hanger detachably engaging in the slots 18 of the standards 12 of the trough for supporting the hopper thereon. Hingedly connected to the lower margin of the dividing board 33 are guards 36 arranged to project over the trough at opposite sides of said board. These guards each include parallel side rails to which are connected a suitable number of spaced cross slats and, as particularly shown in Figure 2, the outer side rails of the guards snugly engage over the side walls 11 of the trough to prevent accidental upward displacement of the guards.

As will now be understood, swill or water may be introduced into the trough through the hopper 32 to be consumed from the trough through the guards 36. When desired, the hopper may be readily detached from the trough by simply lifting upwardly upon the hopper so that, as becomes frequently necessary, the trough may be readily cleaned. Swaying of the hopper and dividing board upon the standards 12 will be prevented by the brackets 34 and 35 while the standards will, of course, coact with the hopper and said board to limit endwise movement thereof. I accordingly provide a trough of particularly simple and, at the same time, effective design.

Having thus described the invention, what is claimed as new is:

A stock feeder including a trough having standards, a hopper, a dividing board extending from the hopper, brackets mounted one upon the hopper and the other upon said board and engaging with the standards for supporting the hopper over the trough, and guards connected to the dividing board and engaging over opposite sides of the trough.

In testimony whereof I affix my signature.

NATHAN A. HEACOCK. [L. S.]