

(No Model.)

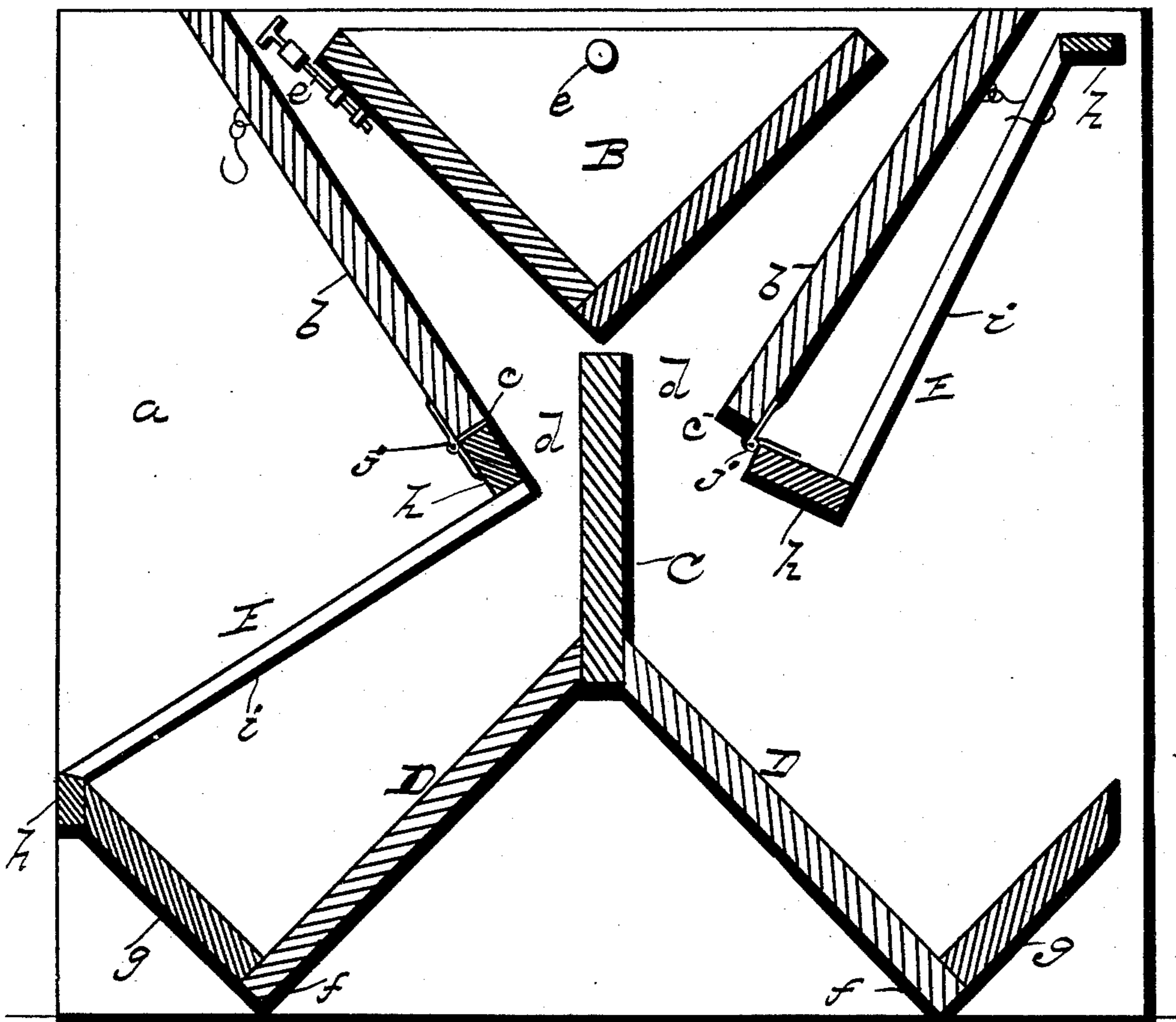
2 Sheets—Sheet 1.

F. SELLER.  
FEED TROUGH.

No. 465,033.

Patented Dec. 15, 1891.

*A* *Fig. 1.*



WITNESSES  
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(No Model.)

2 Sheets—Sheet 2.

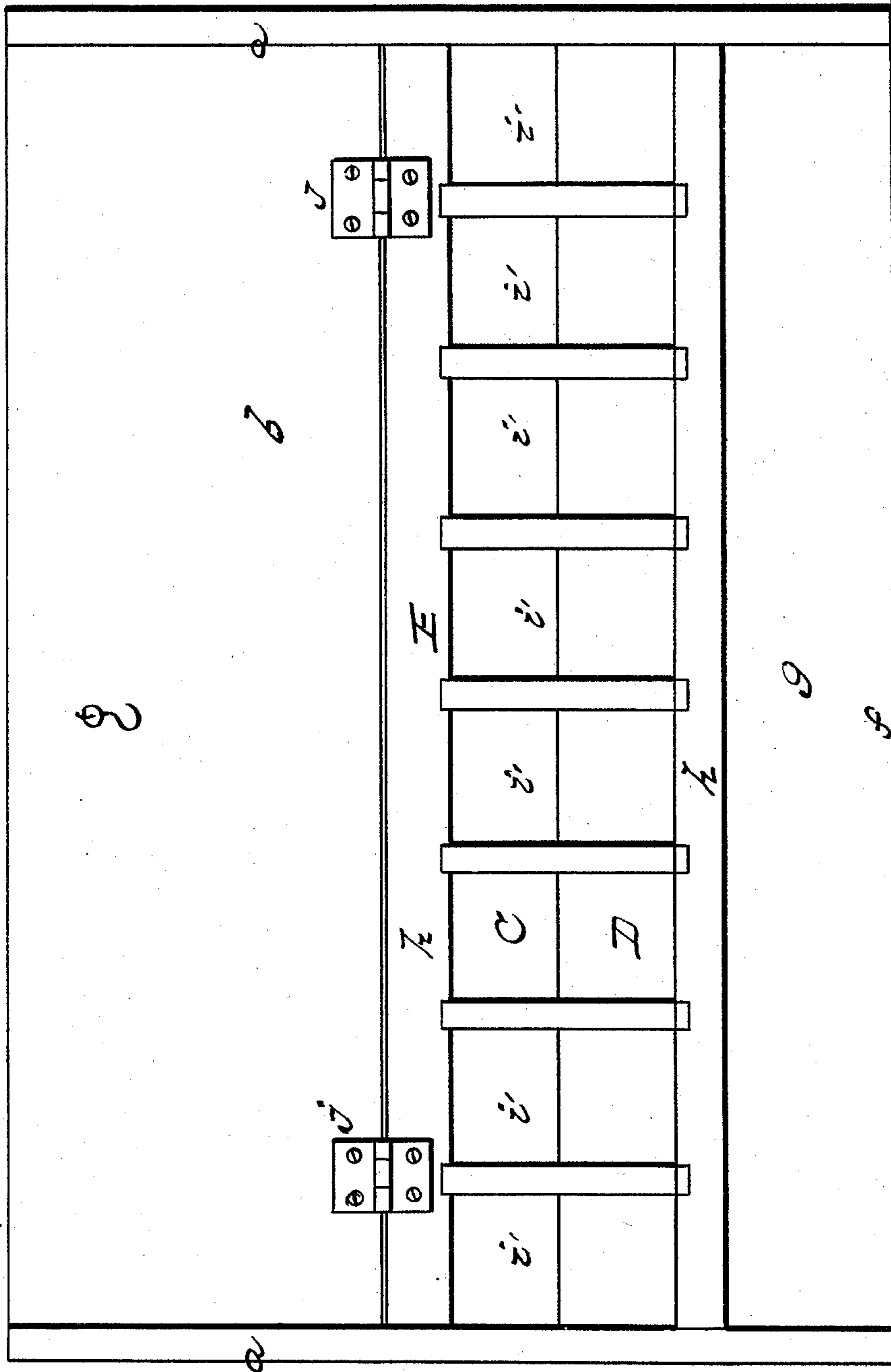
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Fig. 2.

A



WITNESSES

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By E. H. Bates

Attorney

# UNITED STATES PATENT OFFICE.

FRANK SELLER, OF CHEROKEE, IOWA.

## FEED-TROUGH.

SPECIFICATION forming part of Letters Patent No. 465,033, dated December 15, 1891.

Application filed September 21, 1891. Serial No. 406,334. (No model.)

*To all whom it may concern:*

Be it known that I, FRANK SELLER, a citizen of the United States, residing at Cherokee, in the county of Cherokee and State of Iowa, have invented certain new and useful Improvements in Feed-Troughs; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in feed-troughs; and it consists in the novel construction and arrangement of the same, whereby the stock is prevented from getting their feet into the trough while eating.

The device is designed more particularly for swine, the feeding-troughs being arranged low or near the ground, all as will be hereinafter more fully explained, and particularly pointed out in the appended claim.

The annexed drawings, to which reference is made, fully illustrate my invention, in which—

Figure 1 represents a vertical cross-sectional view of my improved feed-trough, and Fig. 2 is a front view of the same.

Referring by letter to the accompanying drawings, A designates the feed-trough, which is composed of the end boards *a a*, the lower ends of which form feet on which the trough rests. Between these end pieces and secured thereto are two inclined boards *b b*, which extend from the top of the side piece downwardly to the point *c*, leaving an opening *d* between their lower ends, and within the V-shaped space between these boards *b b* is arranged a swinging or pivoted trough or receptacle B, which is pivoted at its ends to the end boards *a a*, as shown at *e* in Fig. 1 of the annexed drawings. This receptacle is provided with a catch *e'*, that holds said receptacle in its normal position.

C indicates a partition-piece, which separates the two feeding-troughs on each side, and the same is arranged vertically and centrally between the two upper inclined pieces aforesaid. This central board extends above the lower ends of said inclined boards *b b*, and a space is left between the three pieces, as shown.

D D represent two inclined pieces extending from end to end of the device, the upper ends thereof connecting with the lower end

of the vertical central piece, while the lower ends *ff* connect with the lower ends of two inclined boards *g g*, that are less in width than the boards D D, and the same form the feeding-trough for the swine or stock.

On each side of the device and directly above the feeding-troughs I arrange a rack E, which is composed of two parallel bars *h h*, that are connected to one another by slats *i*, leaving sufficient openings *i'* between them to permit the head of the swine to enter and eat from the trough. These racks I hinge, as at *j*, on the inner bar thereof to the lower outside portion of the inclined boards *b b*, and on the inside face of said boards I provide a hook for holding said rack in a raised position when the troughs are being cleaned.

My object mainly is to present a feed-trough that is so arranged that the stock cannot get their feet into the same and the feed, and at the same time prevent the feed from falling on the stock when in the act of feeding.

Thus it will be seen from the above description and by reference to the annexed drawings that the feed is first put into the upper receptacle, after which the same is released from its catch and turned or tilted to either side, when the grain or feed will fall upon the inclined board *b* and pass down and into the trough below, the upper receptacle assuming its normal position after being relieved of the feed, and the stock receive the same through the slatted racks above the troughs, and when the troughs need cleaning the racks can be readily raised and held by the hooks, and a feed-trough as herein described and shown is simple in construction, durable, and cheap to manufacture.

Having described my invention, what I claim is—

In a feed-trough, the combination of the end boards and inclined pieces *b b* D D *g g*, central partition C, swinging receptacle B, and racks E E, hinged as set forth, the whole arranged as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

FRANK SELLER.

Witnesses:

CHAS. E. MOORE,  
O. G. WALRUTH.