

No. 744,258.

PATENTED NOV. 17, 1903.

G. L. THEIGE.
FEED BOX.

APPLICATION FILED JULY 16, 1903.

NO MODEL.

Fig. 1.

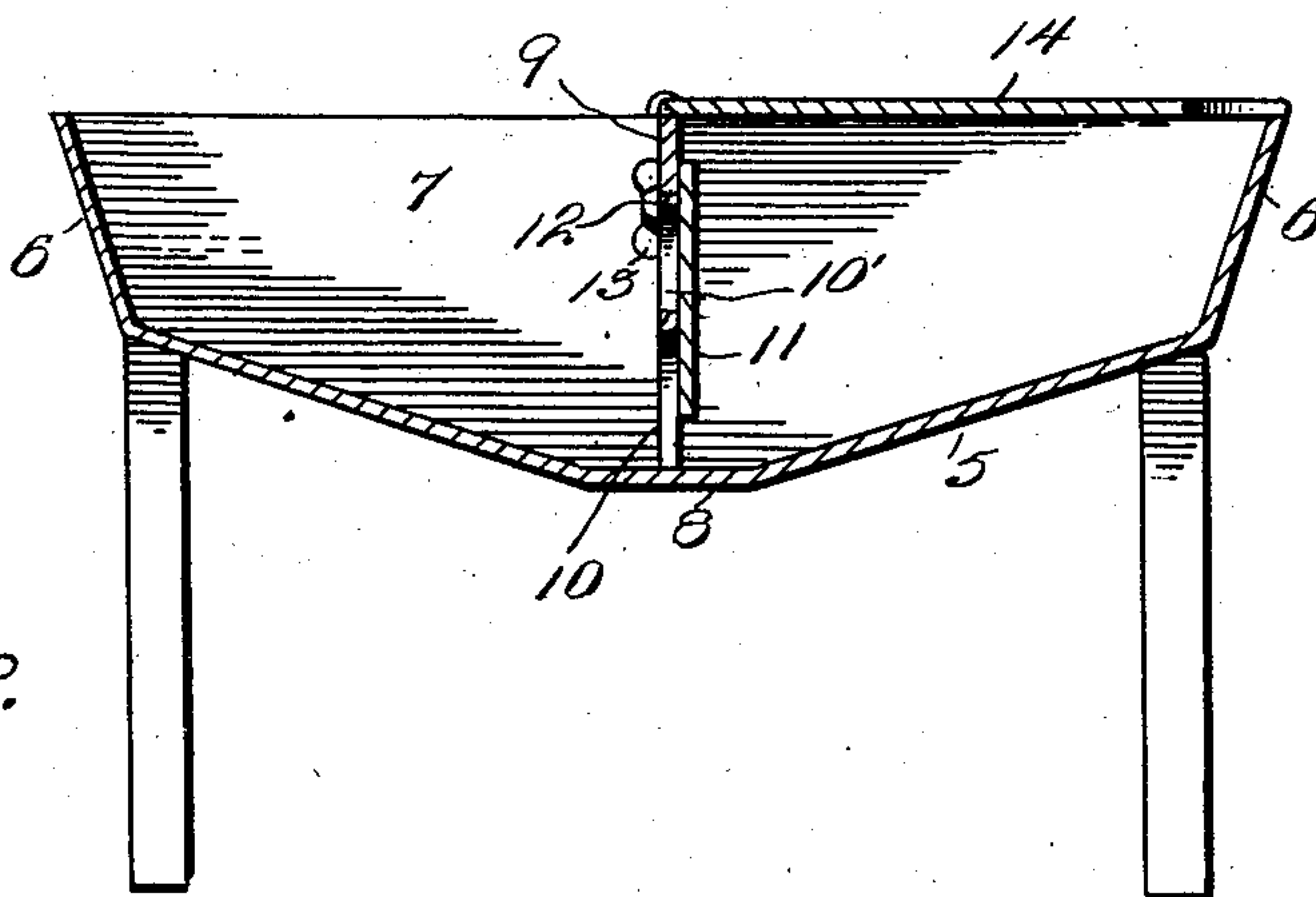
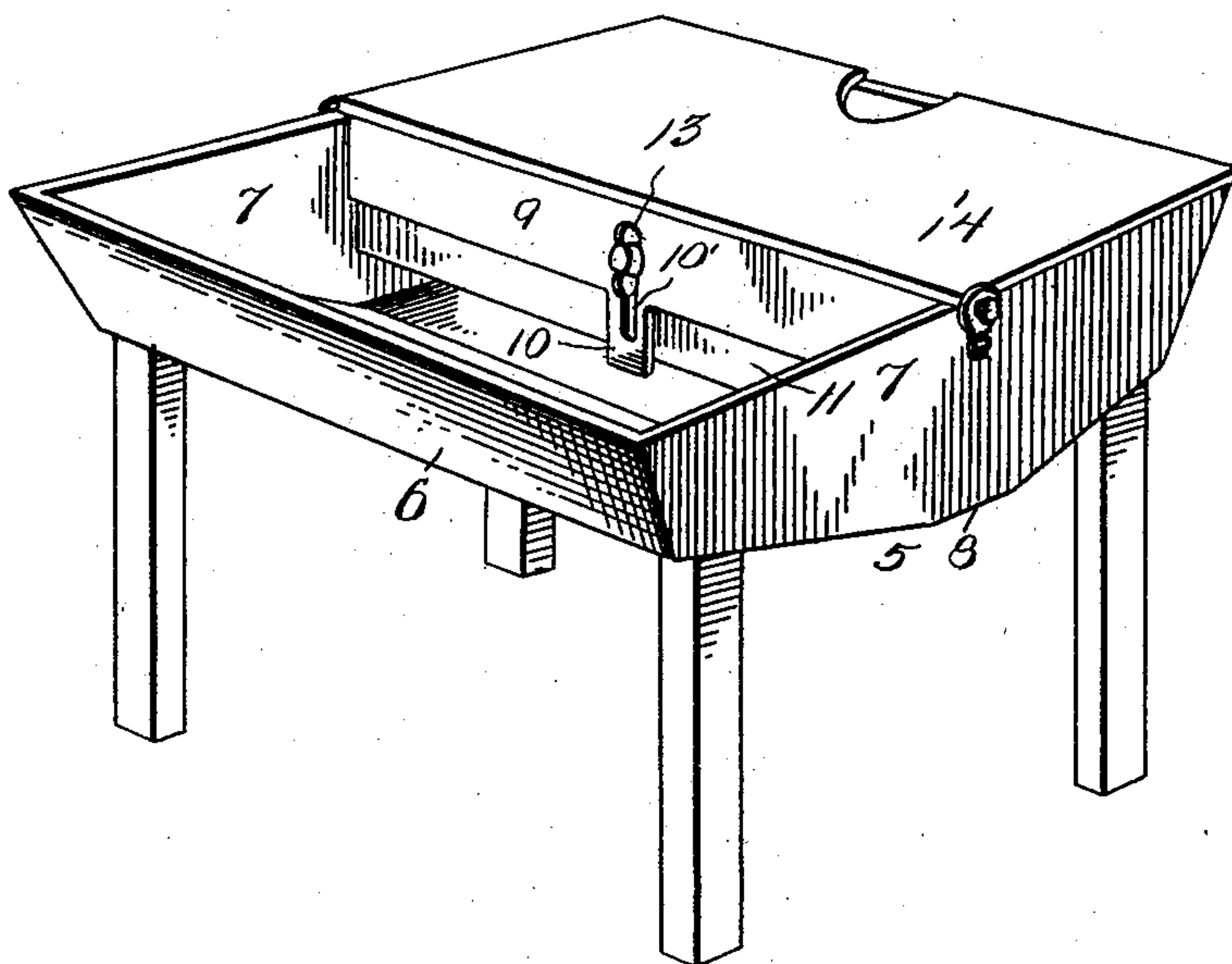


Fig. 2.

Witnesses
Amelington
Leonard

Inventor
G. L. Theige
Thomson & Thomson
Attorneys

UNITED STATES PATENT OFFICE.

GEORGE L. THEIGE, OF WESTBY, WISCONSIN.

FEED-BOX.

SPECIFICATION forming part of Letters Patent No. 744,258, dated November 17, 1903.

Application filed July 15, 1903. Serial No. 165,590. (No model.)

To all whom it may concern:

Be it known that I, GEORGE L. THEIGE, a citizen of the United States, residing at Westby, in the county of Vernon, State of Wisconsin, have invented certain new and useful Improvements in Feed-Boxes; 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.

This invention relates to feed-troughs, and more particularly to those in which the admission of food thereto is automatically regulated; and it has for its object to provide a device of this nature which shall be simple of construction and cheap of manufacture and in which it will be possible to vary the speed with which the food is supplied to the trough.

In the drawings forming a portion of this specification, and in which like numerals of reference indicate similar parts in both views, Figure 1 is a perspective view of the complete trough. Fig. 2 is a longitudinal section of the device.

Referring now to the drawings, the present invention comprises a body portion 5, comprising slanting end walls 6 and vertical side walls 7. As shown, the bottom 8 of the receptacle slants downwardly from the ends 6 and the slanting portions are connected by a horizontal portion 8, thus giving the bottom substantially a V shape. Arranged transversely of the body portion is a partition 9, which is secured at its ends to the sides 7 and which extends downwardly to a point in a plane with the bottom of the ends 6, thus leaving a space between the lower edge thereof and the portion 8 of the bottom. Midway of the length of the partition 9 it is provided with a depending support 10, which may be formed integral therewith and which rests

upon the bottom at the portion 8. This support 10 is provided with the vertical slot 10', which extends upwardly into the partition. Disposed against the face of the partition there is a plate 11, carrying centrally thereof a threaded pin 12, which extends into and through the slot 10'. Engaged with the threads of the pin 12 is a thumb-nut 13, through the medium of which the plate 11 may be clamped against the partition 9. From the foregoing description it will be seen that this construction permits of vertical adjustment of the plate 11 with regard to the bottom of the receptacle to vary the distance between the two. If one side of the receptacle be now filled with oats or other feed, it will flow downwardly and out beneath the plate 11 upon the horizontal portion 8 of the bottom, and as it is consumed by the animal it will continue to flow until exhausted.

To the upper edge of the partition 9 there is hinged a lid 14, of a size to cover either of the two divisions of the receptacle, and it is so arranged that it will close either of the two divisions, as desired, and it is thus possible to use either of the divisions as the feed-receptacle, using the other as that from which the feed is eaten.

What is claimed is—

The combination with a feed-trough, comprising a receptacle having inwardly-slanting sides, a transverse partition within the receptacle and spaced from the bottom thereof, of a lid hinged above the partition and adapted to close either side of the receptacle, as desired.

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

GEORGE L. THEIGE.

Witnesses:

THOS. A. TOLRUD,
D. P. JACKSON.