

(No Model)

E. H. TULLIS.
STOCK WATERING DEVICE.

No. 585,414.

Patented June 29, 1897.

FIG. 1.

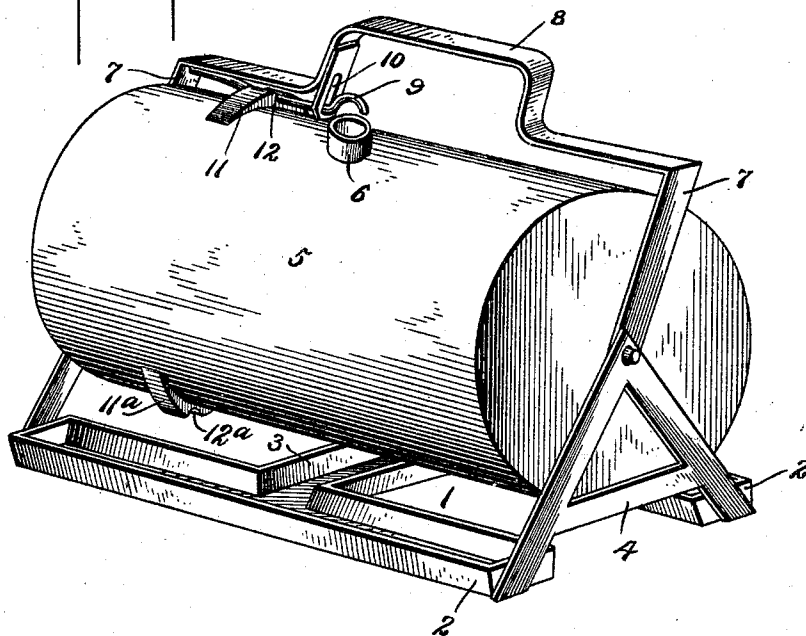


FIG. 2.

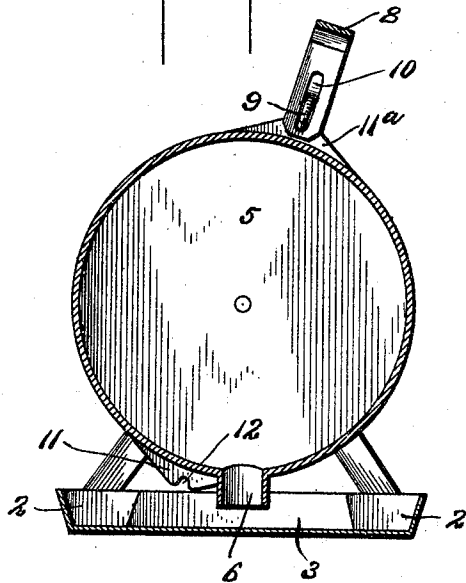
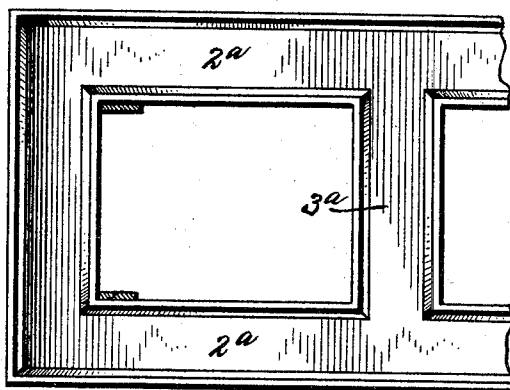


FIG. 3.



Inventor

E. H. Tullis,

By *his* Attorneys,

Witnesses

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UNITED STATES PATENT OFFICE.

ERR H. TULLIS, OF SPRINGFIELD, MISSOURI.

STOCK-WATERING DEVICE.

SPECIFICATION forming part of Letters Patent No. 585,414, dated June 29, 1897.

Application filed October 17, 1896. Serial No. 609,236. (No model.)

To all whom it may concern:

Be it known that I, ERR H. TULLIS, a citizen of the United States, residing at Springfield, in the county of Greene and State of Missouri, have invented a new and useful Stock-Watering Device, of which the following is a specification.

My invention relates to stock-watering devices, and particularly to means for containing a supply of water which is protected from accumulations of dust and insects and is adapted to be fed automatically as the contents of the trough to which the stock has access is consumed.

Further objects and advantages of this invention will appear in the following description, and the novel features thereof will be particularly pointed out in the appended claims.

In the drawings, Figure 1 is a perspective view of a watering device constructed in accordance with my invention. Fig. 2 is a vertical transverse section of the same, showing the reservoir in its inverted or operative position. Fig. 3 is a plan view of a modified construction of trough.

Similar numerals of reference indicate corresponding parts in all the figures of the drawings.

1 designates a trough which in the construction illustrated in Fig. 1 comprises side branches 2, connected by a feed-trough 3, and in the construction illustrated in Fig. 3 consists of a continuous supply-trough 2^a, of which the sides are connected by a transverse feed-trough 3^a, and mounted upon a frame 4, above the trough, is a rotary reservoir or receptacle 5, which may be of any suitable shape and construction, having an outlet 6, which is adapted to be inserted into the feed-trough and terminally submerged in the contents thereof.

In the construction illustrated the outlet consists of a single tube; but it is obvious that more may be used, if desired, provided they are arranged sufficiently close together to allow the extremities of all to be submerged in the contents of the transverse feed-trough 3^a.

The frame is extended to form a bail 7, having a handhold 8, and carried by this frame

extension is one member of a locking device for engaging the other member on the receptacle for holding the latter in either of its adjusted positions. In the construction illustrated in the drawings this locking device consists of a spring-latch 9, mounted upon the frame and operating at a point contiguous to its free end in a guide 10, and a latch-block 11, fixed to the receptacle and having a seat 12 for engagement by the latch, as clearly illustrated in Fig. 1. The latch-block is duplicated, as shown at 11^a, and is provided with a seat 12^a for engagement by the latch when the receptacle is in the inverted or operative position (illustrated in Fig. 2) and when the extremity of the outlet tube or spout is immersed in the contents of the trough.

From the above description it will be seen that in order to fill the receptacle it is arranged in the upright position, (illustrated in Fig. 1,) with the outlet at its upper side to provide for the introduction of water. After filling the receptacle it is inverted to occupy the position illustrated in Fig. 2, when the contents thereof run out until the level of water in the trough rises to and slightly above the plane of the lower extremity of the outlet 6, when atmospheric pressure will prevent further escape. As the water is removed from the trough by the stock it is supplied by the receptacle.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention.

Having described my invention, what I claim is—

1. A stock-watering device having a trough, a superjacent receptacle mounted upon a horizontal axis for rotary movement and provided at one side with an outlet adapted to be submerged in the contents of the trough, and means for securing the receptacle in either its upright or inverted position, substantially as specified.

2. A stock-watering device having a trough, a rotary receptacle mounted upon a horizontal axis above the trough and provided with an outlet adapted to be submerged in the con-

tents of the trough, and means for securing the receptacle in its adjusted positions, the same including latch-blocks arranged at opposite sides of the receptacle, and a latch for
5 engaging seats in said blocks, substantially as specified.

In testimony that I claim the foregoing as

my own I have hereto affixed my signature in the presence of two witnesses.

ERR H. TULLIS.

Witnesses:

A. A. RENSHAW,

C. L. DALRYMPLE.