

(No Model.)

J. HURDLE.  
FEED TROUGH.

No. 483,925.

Patented Oct. 4, 1892.

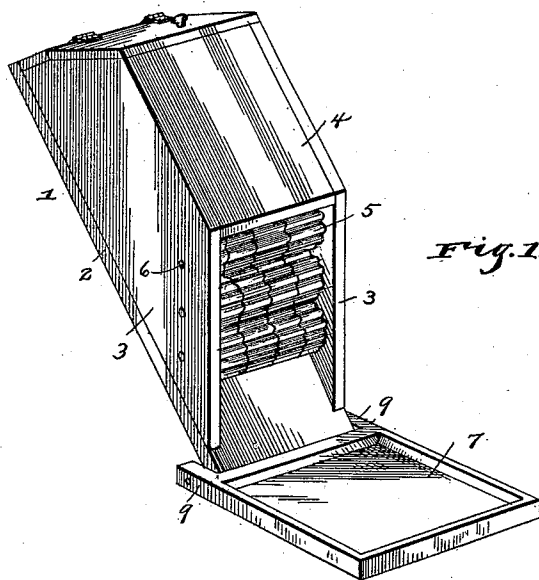


Fig. 1.

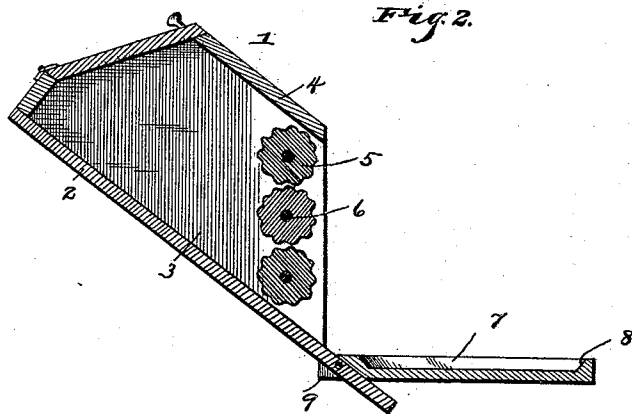


Fig. 2.

Witnesses

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Inventor

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By his Attorneys,

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# UNITED STATES PATENT OFFICE.

JOHN HURDLE, OF POLO, ILLINOIS.

## FEED-TROUGH.

SPECIFICATION forming part of Letters Patent No. 483,925, dated October 4, 1892.

Application filed April 5, 1892. Serial No. 427,863. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN HURDLE, a citizen of the United States, residing at Polo, in the county of Ogle and State of Illinois, have invented a new and useful Stock-Salter, of which the following is a specification.

The invention relates to improvements in devices for supplying salt to stock.

The object of the present invention is to simplify and improve the construction of devices for supplying salt to stock, and to provide one in which salt will not be wasted by the stock and which may be readily operated by them to obtain salt.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claim hereto appended.

In the drawings, Figure 1 is a perspective view of a device for salting stock constructed in accordance with this invention. Fig. 2 is a vertical longitudinal sectional view.

Like numerals of reference indicate corresponding parts in both the figures of the drawings.

1 designates a box approximately frusto-triangular in longitudinal section composed of a back 2, sides 3, secured to the back, and a front 4, connecting the sides at the front of the box. The box or casing 1 is open at the top and serves as a bin or receptacle for the salt and is provided with a cover to close the top of the frame to protect the salt from the weather. The bottom of the frame is partially closed by a series of corrugated rolls 5, each composed of a series of sections mounted on a pin or rod 6. The sections of the rolls may be readily turned or rotated by the tongues of the stock, and the salt is delivered to them in the grooves or corrugations of the rolls. The salt which falls from the rolls drops upon

a board or tray 7, from off of which it may be licked by the stock. The board or tray is dished, having a flange or ridge 8 at its edges, and it is provided with lugs or projections 9, which are hinged on opposite sides of the lower end of the back of the frame, said back being extended beyond the sides. The inner edge of the board 7 is beveled to conform to the slant of the back, the casing being slightly inclined to bring the rolls in an approximately-vertical position.

It will be seen that the device is simple and comparatively inexpensive in construction, and that it may be readily operated by the stock, and that salt is not wasted. It will also be understood that the number of rolls employed may be varied and any convenient and desired number may be employed, and also that the number of sections in each roll will vary with the width of the frame of the salter.

What I claim is—

The herein-described stock-salter, consisting of a box having an opening in its front and having its rear wall inclined and extending beyond and in front of the opening, the vertical series of transverse shafts located in the side walls of the box immediately in rear of the opening, the series of independent roller-sections mounted on the shafts and of such combined diameter as to close the opening, and the tray having its opposite sides inwardly extended to embrace the extended portion of the rear wall and pivoted thereto and supported in a horizontal position, substantially as described.

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

JOHN HURDLE.

Witnesses:

DAVID E. HURDLE,  
ROY LUNT.