C. R. & J. W. RUTLEDGE.

HOG-TRAP.

No. 192,939. Patented July 10, 1877.

Fig. 1.

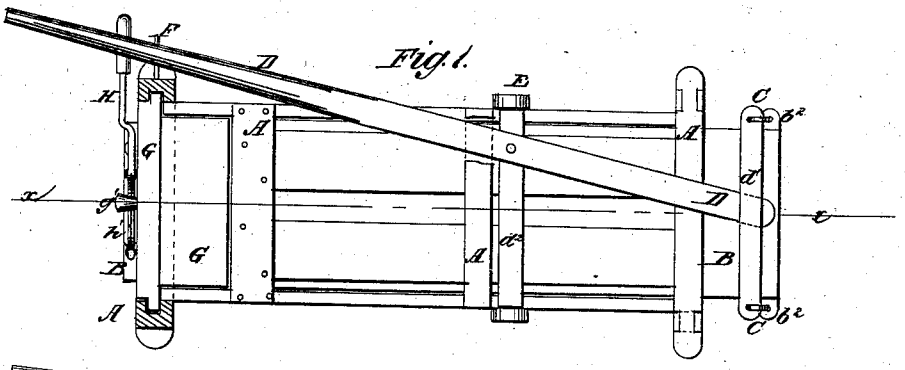


Fig. 2.

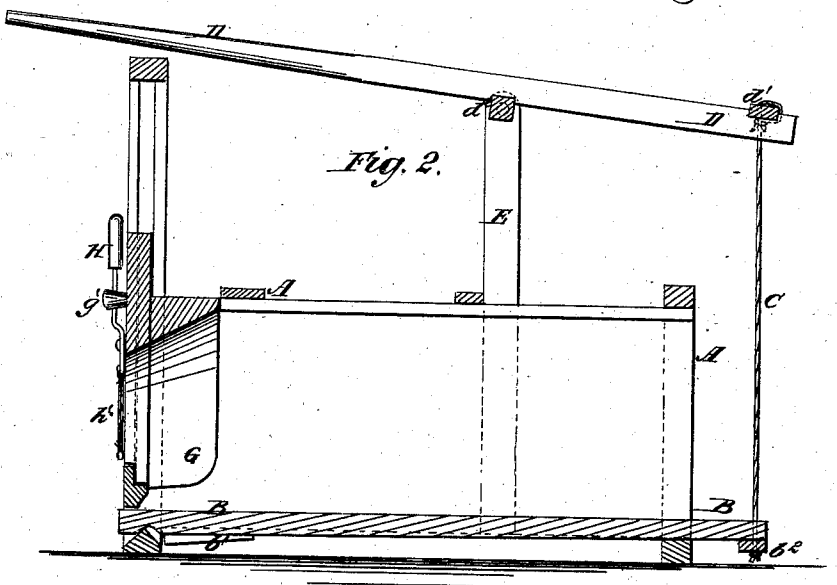
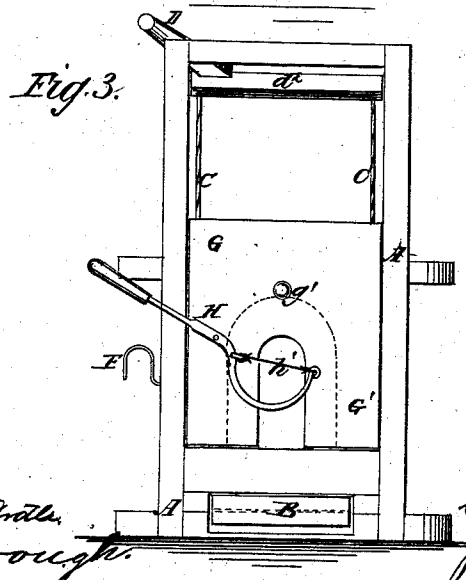


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

CHARLES R. RUTLEDGE AND JOHN W. RUTLEDGE, OF SHANNONDALE, INDIANA.

IMPROVEMENT IN HOG-TRAPS.

Specification forming part of Letters Patent No. **192,939**, dated July 10, 1877; application filed June 18, 1877.

To all whom it may concern:

Be it known that we, CHARLES R. RUTLEDGE and JOHN W. RUTLEDGE, of Shannondale, county of Montgomery, and State of Indiana, have invented a new and Improved Hog-Trap, of which the following is a specification:

Figure 1 is a top view of our improved hog-trap, part being broken away to show the construction. Fig. 2 is a vertical longitudinal section of the same, taken through the line *x x*, Fig. 1. Fig. 3 is a front view of the same.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved trap for catching hogs and holding them while being ringed, and which shall be simple in construction and convenient and effective in use, holding the hog securely while being operated upon.

The invention consists in the slotted head-block, the pivoted bottom board, the cords, the lever, and the hook, in combination with each other and with the box; and in the lever, having its forward part bent into U shape, and provided with a cord, in combination with the slotted head-block, as hereinafter fully described.

In the drawing, A is a box, which is made somewhat longer than a hog, and of such a size that a hog can readily walk into its open rear end. The bottom B of the box is separate, and has a groove formed across the lower side of its forward end, to receive the V-shaped upper side of the base cross-bar at the forward end of the box A.

To the lower side of the forward end of the board B is attached a stop-block, b^1, to keep the said board from sliding forward when its rear end is raised. The board B is made longer than the box A, and to the lower side of its projecting rear end is attached a cross-bar, b^2, the ends of which project, and to them are attached the lower ends of two cords, C. The upper ends of the cords C are attached to the ends of a cross-bar, d^1, attached to the rear end of the lever D.

The lever D is attached in a slightly-inclined position to the cross-bar d^2, the ends of which are pivoted to the upper ends of two standards, E, attached to the sides of the box A so that the rear end of the bottom board B may be raised by drawing the forward end of the said lever D downward, and is held up by passing the forward end of the lever D beneath the hook F, attached to the side of the front post of the box A.

The front posts of the box A are extended upward, and are grooved upon their inner sides to serve as ways for the head-block G to slide up and down upon. The head-block G is slotted from its lower side, which slot is flared to the rearward, to adapt it to receive and fit upon the hog's head, with his nose projecting in front of said block G.

To the forward side of the head-block G is pivoted a lever, H, the forward part of which is bent into U shape, and has a cord, h', extended across its bend. The lever H is designed to hold the hog's nose in the upper part of the slot in the head-block G, the cord h' adjusting itself to the size of the nose, and preventing the said nose from being bruised.

In using the trap the hog is driven into the box A, and the lever D is operated to raise the rear end of the bottom board B. The upward movement of the rear end of the board B causes the hog to slide forward, bringing his nose into the slot of the head-block G, where it is held by the lever H h' until the ring has been applied. The lever H h' is then turned into a vertical position, and the head-block G is raised by the handle g', allowing the hog to pass out.

Having thus fully described our invention, we claim as new and desire to secure by Letters Patent—

1. The slotted head-block G, the pivoted bottom board B, the cords C, the lever D, and the hook F, in combination with each other and with the box A, substantially as herein shown and described.

2. The lever H, having its forward part bent into U shape, and provided with a cord, h', in combination with the slotted head-block G, substantially as herein shown and described.

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Witnesses:
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