

J. M. KIMBALL.

Hog-Trap.

No. 164,743.

Patented June 22, 1875.

Fig: 1.

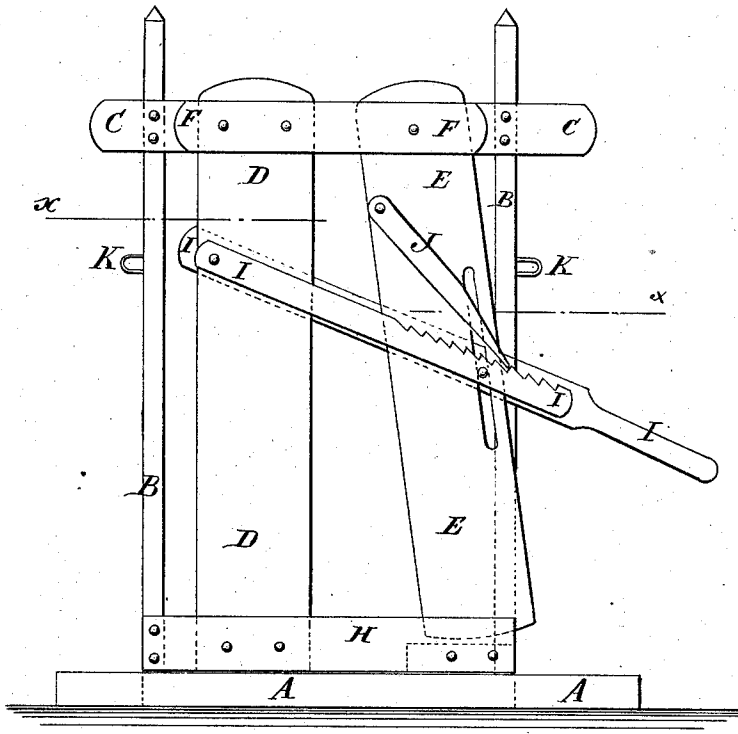
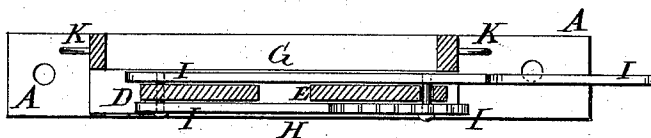


Fig: 2.



WITNESSES:

Chas. Nida.
A. F. Terry

INVENTOR:

J. M. Kimball
BY *mm*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

JOHN MURRAY KIMBALL, OF WYOMING, IOWA.

IMPROVEMENT IN HOG-TRAPS.

Specification forming part of Letters Patent No. **164,743**, dated June 22, 1875; application filed May 22, 1875.

To all whom it may concern:

Be it known that I, JOHN M. KIMBALL, of Wyoming, in the county of Jones and State of Iowa, have invented a new and useful Improvement in Hog-Trap, of which the following is a specification:

Figure 1 is a front view of my improved trap. Fig. 2 is a horizontal section of the same, taken through the line *xx*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved trap for catching and holding hogs while being ringed or otherwise operated upon, and which shall be simple and inexpensive in construction, convenient in use, and effective in operation, holding the hogs securely, and without injuring them.

The invention consists in the combination of the base, the posts, the cross-bars, the stationary board, the pivoted and slotted board, the lever and the pawl, with each other, to adapt them for use in catching and holding hogs, as hereinafter fully described.

A is the base-board of the trap, into which are framed the lower ends of two posts or uprights, B, the upper ends of which are connected by a cross-bar, C. D E are two boards, of such a width that when placed parallel with each other and the posts B the spaces between them, and between them and the posts B, may be so narrow that hogs cannot get their heads through. The upper end of the board D is secured to the cross-bar C, and to the cross-bar F placed upon the outside of the board D, to strengthen the connection, and to serve as a keeper. The lower end of the board D is secured to and between the cross-bars G H, which are attached to the lower ends of the posts B. The upper end of the board E is pivoted to and between the cross-bars C F. The lower end of the board E is left free, and swings in the space between the cross-bars G H as a groove. I is a double lever, the parts of which are placed upon the opposite sides of the boards D E, parallel with each other, and

their rear ends are pivoted to the upper part of the stationary board D near its outer edge. The forward parts of the lever I are connected by a pin or bolt that passes through a slot formed longitudinally in the middle part of the pivoted board E near its outer edge. The outer end of one of the parts of the lever I projects, to serve as a handle for operating it. J is a pawl, pivoted to the upper part of the pivoted board E near its inner edge, and the engaging end of which engages with notches formed in the upper edge of the outer part of the lever I.

In using the trap it is secured in a gap in the fence or in the barway, gateway, or doorway of a yard or pen, by means of the hooks or staples K attached to the outer side of the posts B, or by stakes driven into the ground through holes in the end parts of the base A. The outer end of the lever I is then raised to swing the lower end of the board E outward, to open a space between the boards D E wide enough for a hog to pass his head through. The hog is then driven to the trap, and as he passes his head through the said space the lever I is lowered, swinging the lower end of the board E inward, catching the hog by the neck, and holding him securely while being operated upon, the pawl J taking hold of a notch in the lever I, and preventing the board E from being pushed outward by the struggles of the hog.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The combination of the base A, posts B, cross-bars C F G H, stationary board D, pivoted and slotted board E, lever I, and pawl J, with each other to adapt them for use in catching and holding hogs, substantially as herein shown and described.

JOHN M. KIMBALL.

Witnesses:

A. KIMBALL,
W. U. HOLMES.