

No. 745,323.

PATENTED DEC. 1, 1903.

H. O. CARNS.
HOG CATCHER.

APPLICATION FILED JUNE 22, 1903.

NO MODEL.

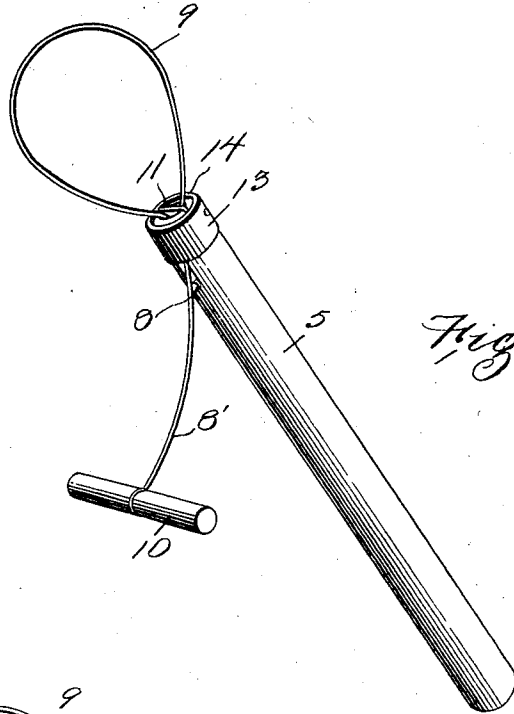


Fig. 1.

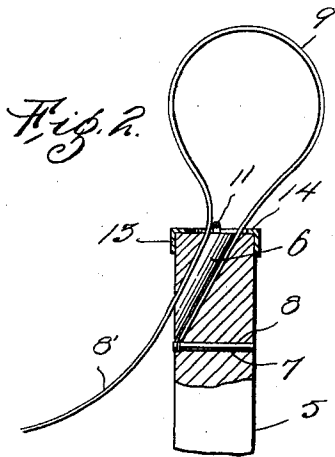


Fig. 2.

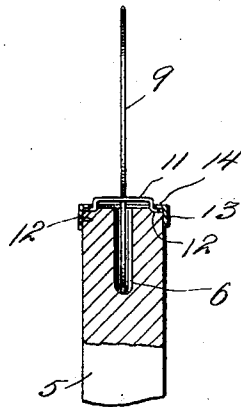


Fig. 3.

Witnesses
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UNITED STATES PATENT OFFICE.

HARRY O. CARNS, OF BASCO, ILLINOIS.

HOG-CATCHER.

SPECIFICATION forming part of Letters Patent No. 745,323, dated December 1, 1903.

Application filed June 22, 1903. Serial No. 162,545. (No model.)

To all whom it may concern:

Be it known that I, HARRY O. CARNS, a citizen of the United States, residing at Basco, in the county of Hancock, State of Illinois, have invented certain new and useful improvements in Hog-Catchers; 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 hog-catchers; and it has for its object to provide a device of this nature which may be easily manipulated, which will hold the hog securely without injury, and which will be durable.

A further object of the invention is to provide a construction wherein the loop will not be drawn from the opening at the end of the pole upon failure to catch the hog because of the improper manipulation, other objects and advantages of the invention being understood from the following description.

In the drawings forming a portion of this specification, and in which like numerals of reference indicate similar parts in the several views, Figure 1 is a perspective view showing the parts in position to catch a hog. Fig. 2 is a longitudinal section through one end of the pole in the plane of the catching-loop. Fig. 3 is a section taken longitudinally of the pole at right angles to Fig. 2.

Referring now to the drawings, the present catcher comprises a pole 5, having a passage 6, which extends from one end of the pole diagonally of the latter, so that it opens through the longitudinal face of the pole a slight distance in the rear of the end of the latter.

Formed transversely through the pole at the side opening of the passage 6 is a perforation 7, which is designed to receive a pin 8, which holds one end of the catching-loop to the pole. The catching-loop is formed in a cable 8, which is preferably of copper, one end of the cable being disposed in the perforation 7, in which it is held by the pin 8. The other end of the cable is passed through the passage 6 and out at the end of the pole, where it is bent to form a loop 9, the end of the cable being then returned through the passage and then out through the side opening of the latter, where it is provided with a cross-bar or handle 10. With this arrangement it will be seen that by grasping the pole with one hand and the handle with the other

the cable may be gradually drawn through the passage 6 to gradually reduce the size of the loop, so that by passing the loop over the nose of a hog or any other portion the loop may be contracted to grip the hog and hold it securely.

To prevent pulling of the loop entirely through the passage 6 in the event of failure to catch the hog, a guard is provided, and consists of a U-shaped wire or bar 11, which is disposed with its bight portion transversely of the end opening of the passage 6, the side members of this U-shaped wire lying in grooves 12 in the side of the pole. To hold this guard in place and at the same time to prevent splitting of the end of the pole, a ferrule 13 is provided, which is engaged over the end of the pole, said ferrule having an inwardly-directed flange 14 at its outer end, which rests upon the end portions of the bight of the guard-wire and holds said wire against withdrawal from the pole. When the loop is contracted, its outer side is drawn gradually toward the guard and will finally strike the guard before it is drawn entirely into the passage, so that its movement through the passage is prevented. The ferrule is pinned onto the pole to prevent withdrawal thereof.

If desired, the U-shaped wire 11 and the ferrule 13 may be formed integral instead of being arranged as mentioned.

What is claimed is—

A hog-catcher comprising a pole having a passage opening through one end and the longitudinal face of the pole and having a transverse perforation communicating with the opening in the longitudinal face of the pole, a cable having both ends passed through the passage from the end of the pole, one end of the cable being engaged in the perforation and the other end passing from the passage and having a handle at its extremity, a portion of the cable between the ends thereof projecting from the end opening of the passage, in the form of a loop, and a guard disposed transversely of the end opening of the passage and through the loop.

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

HARRY O. CARNS.

Witnesses:

E. H. BRYANT,
W. H. DAMRON.