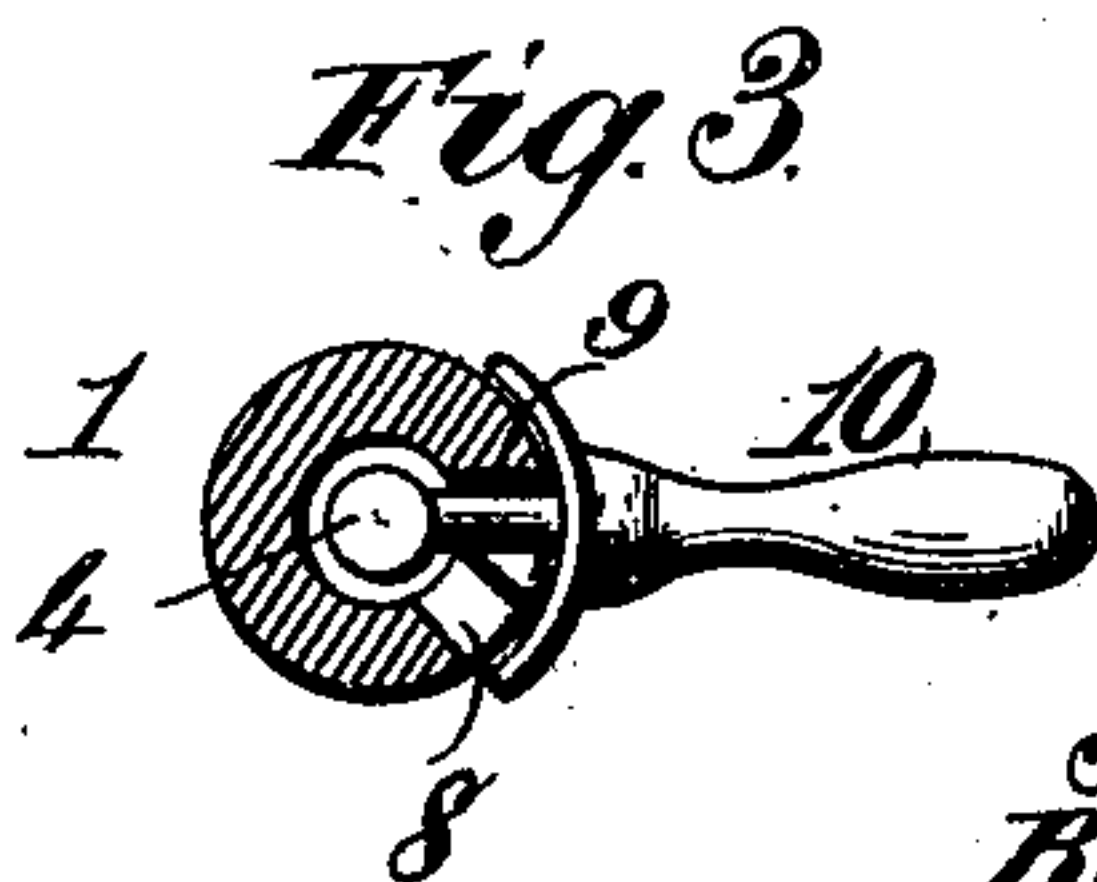
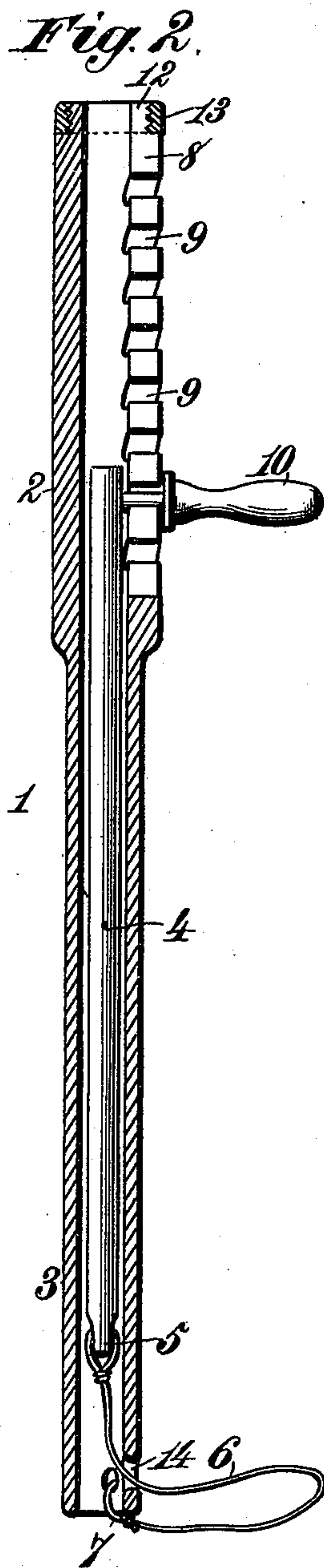
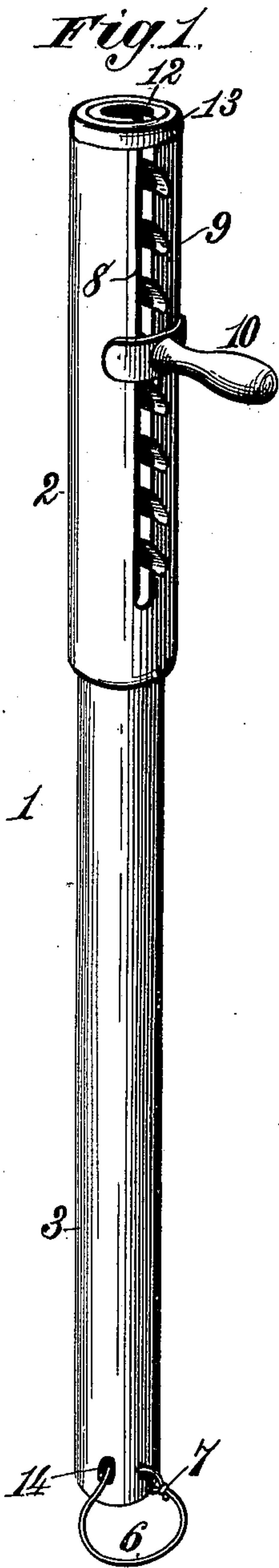


(No Model.)

J. L. SMITH.  
HOG CATCHING AND HOLDING IMPLEMENT.

No. 567,049.

Patented Sept. 1, 1896.



Witnesses.  
*Robert E. Givett.*  
*Albert H. Norris.*

Inventor.  
*Joseph L. Smith.*  
By *James L. Norris.*  
*Atty.*

# UNITED STATES PATENT OFFICE.

JOSEPH L. SMITH, OF JACKSONVILLE, ILLINOIS.

## HOG CATCHING AND HOLDING IMPLEMENT.

SPECIFICATION forming part of Letters Patent No. 567,049, dated September 1, 1896.

Application filed May 22, 1896. Serial No. 592,631. (No model.)

*To all whom it may concern:*

Be it known that I, JOSEPH L. SMITH, a citizen of the United States, residing at Jacksonville, in the county of Morgan and State of Illinois, have invented new and useful Improvements in Hog Catching and Holding Implements, of which the following is a specification.

This invention has for its object to provide a novel, simple, efficient, and economical implement or device particularly designed for use by farmers and others for catching and holding hogs while attaching or applying rings to their noses. To accomplish this object, the invention consists in the combination of a tubular body or frame having a longitudinal slot provided along one edge with a plurality of locking notches or catches, an axially-turning and lengthwise-movable plunger-rod sheathed within the tubular body or frame, a handle extending through said slot and attached to said plunger-rod, said handle being arranged to engage either of said notches to lock the plunger-rod retracted, and a cord or wire attached at one end to the tubular body or frame and at its other end to the plunger-rod.

The invention is illustrated by the accompanying drawings, in which—

Figure 1 is an elevation of an implement or device constructed according to my invention and showing the handle engaging one of the locking notches or catches to hold the plunger-rod retracted, as when the cord or wire loop is applied to the nose of a hog to hold the same. Fig. 2 is a longitudinal central sectional view of the implement, and Fig. 3 is a transverse sectional view.

In order to enable those skilled in the art to make and use my invention, I will now describe the same in detail, referring to the drawings, wherein—

The numeral 1 indicates a tubular body or frame which is preferably of a greater diameter at one end portion, as at 2, than at the other end portion, as at 3. The tubular body or frame is preferably of cylindrical shape, and in the bore of the same is located a longitudinally-movable and axially-turning plunger-rod 4, to one end of which, as at 5, is attached one extremity of a cord or wire 6, the other extremity of which is secured to one

end of the tubular body or frame, as at 7, so that when the plunger-rod is moved in one direction the cord or wire will be projected from the tubular body or frame in the form of a loop adapted to be applied to the nose of a hog, after which the plunger-rod is susceptible of being retracted for the purpose of causing the loop to grip and tightly hold the hog while a ring is being attached or applied to the nose of the hog, as is well known.

The enlarged end portion 2 of the tubular body or frame is constructed with a longitudinal slot 8, having a plurality of locking notches or catches 9, cut along one of its longitudinal edges.

The plunger-rod is moved longitudinally within the body or frame through the medium of a grip or handle 10, which extends through the longitudinal slot 8 and is attached to or forms a part of the plunger-rod. The end portion of the grip or handle nearest the plunger-rod is of such construction that by turning the handle in the proper direction it may be caused to enter and engage any one of the locking notches or catches 9. I prefer to form the plunger-rod and the grip or handle in a single piece; but obviously they may be formed of separate pieces properly connected together.

The outer extremity of the enlarged end portion 2 of the tubular body or frame is constructed with a tenon-like portion 12, on which is suitably mounted a ring 13, which ring serves to close the outer end of the longitudinal slot 8, so that prior to applying the ring 13 the plunger-rod and its handle can be inserted into the tubular body or frame and the ring be subsequently attached to close the outer end of the slot.

In the practical use of my improved hog catching and holding implement or device one end of the body or frame is grasped in one hand and with the other hand the operator grasps the grip or handle 10, disengages it from one of the locking notches or catches, and moves the same in the direction required to advance the plunger-rod and cause the loop of cord or wire to be extended from one end of the body or frame. This loop is then engaged with the nose of the hog and the handle is turned backward to retract the plunger-rod and cause the loop to firmly grip and tightly hold



the nose of the hog. The handle is then turned laterally, so that the plunger-rod is similarly turned, and the inner portion of the handle is caused to engage any one of the locking notches or catches 9. The plurality of locking notches or catches arranged along one edge of the longitudinal slot 8 enables the dimensions of the loop to be varied according to the conditions required for a large or small hog. After the hog is caught and held by the loop and the handle is engaged with one of the locking-notches, the hog can be held through the medium of the implement or device and a ring can be applied to the nose of the hog in the usual manner.

In an implement of the character described I find it desirable and useful to have the loop of the cord or wire stand approximately at right angles to the body of the implement, as will be understood by reference to Figs. 1 and 2. To accomplish this, I construct the tubular body or frame, in juxtaposition to the point where the cord or wire is attached thereto, with an orifice 14, through which the cord or wire is passed to the interior of the tubular body or frame for attachment to the end of the plunger-rod 4. By this construction when the plunger-rod is advanced, as in Fig. 2, the loop formed by the cord or wire will extend laterally or approximately at

right angles to the tubular body or frame, so that the loop can be more conveniently applied to the nose of the animal.

My invention provides a new and improved implement or device for catching and holding hogs which is simple in construction, efficient in use, and economical of manufacture.

Having thus described my invention, what I claim is—

The combination of a tubular body or frame having a longitudinal slot provided along one edge with a plurality of locking notches, or catches, an axially-turning and lengthwise-movable plunger-rod sheathed within the tubular body or frame, a handle extending through said slot and attached to said plunger-rod, said handle being arranged to engage either of said notches to lock the plunger-rod retracted, and a cord or wire attached at one end to the tubular body or frame and at its other end to the plunger-rod, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

JOSEPH L. SMITH.

Witnesses:

M. H. LAMB,  
JOHN W. OGLE.