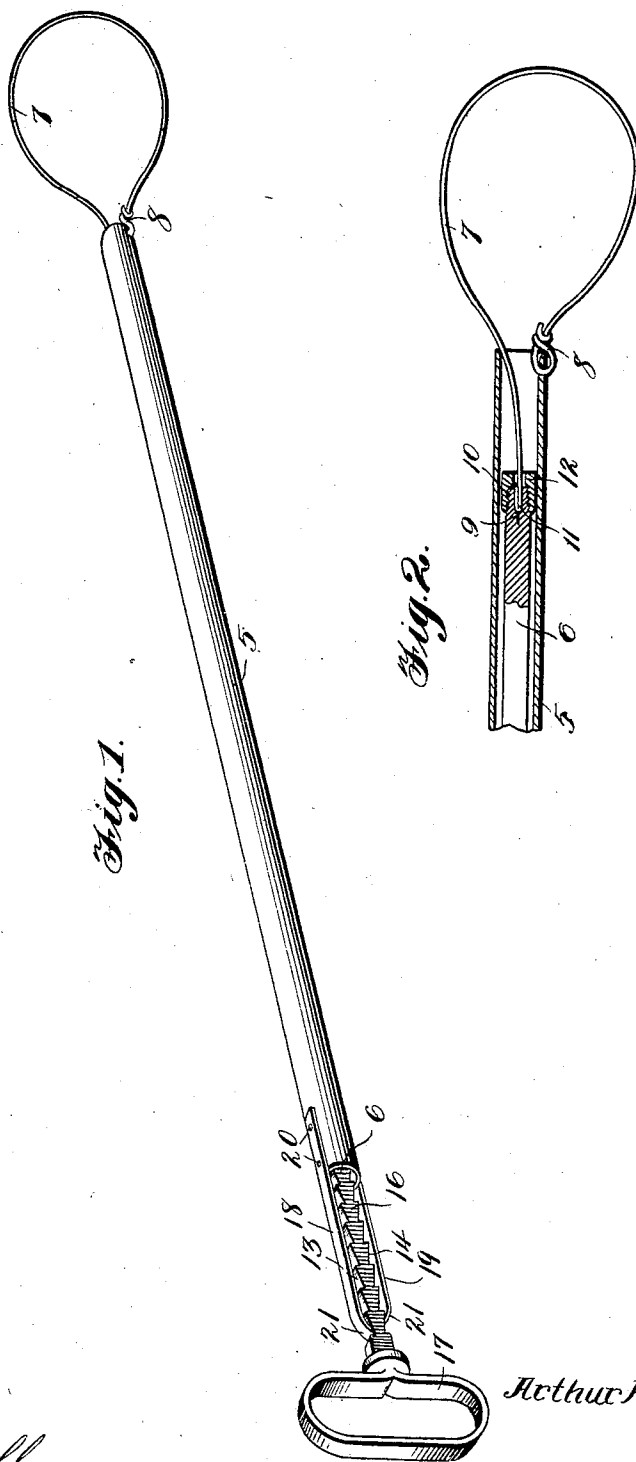


No. 863,186.

PATENTED AUG. 13, 1907.

A. A. JESTER.
DEVICE FOR HOLDING SWINE.
APPLICATION FILED DEC. 10, 1906.



Witnesses
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UNITED STATES PATENT OFFICE.

ARTHUR A. JESTER, OF DUNKIRK, OHIO.

DEVICE FOR HOLDING SWINE.

No. 863,186.

Specification of Letters Patent.

Patented Aug. 13, 1907.

Application filed December 10, 1906. Serial No. 347,051.

To all whom it may concern:

Be it known that I, ARTHUR A. JESTER, a citizen of the United States, residing at Dunkirk, in the county of Hardin and State of Ohio, have invented certain new and useful Improvements in Devices for Holding Swine, of which the following is a specification.

My invention relates to a device for holding swine and has for its object the provision of a device of this character which may be cheaply made and which will effectually hold a hog or pig when rings are to be placed in the snouts of the animals to prevent them from rooting.

Further objects and advantages of the invention will be set forth in the detailed description which now follows:

In the accompanying drawing:—Figure 1 is a perspective view of a swine holding device constructed in accordance with the invention, and, Fig. 2 is a partial longitudinal section through said device illustrating the manner of connecting the end of the loop to a rod hereinafter described.

Like numerals designate corresponding parts in both of the figures of the drawing.

Referring to the drawing, the numeral 5 designates a tubular member. Slidably disposed in this tubular member is a rod 6. A loop 7 preferably of wire, though it may be formed of other material if desired, has one of its ends connected to the tubular member 5 as at 8. The end of the rod 6 is split as at 9 and threaded as at 10. The split portion of this rod receives the end 11 of the loop, after which a tapered nut 12 is screwed upon the end of the rod to bind the split end of said rod firmly about the doubled-over end of the loop, to thereby secure the end of said loop to the end of the rod. The inner end of the rod 6 has ratchet faces 13 and 14 formed thereon and has plane side faces 16. A handle 17 which is carried by the end of the rod, provides means for imparting longitudinal movement to said rod with relation to the tube 5.

Spring plates 18 and 19 are secured to the inner end of the tube 5 as at 20, the free ends 21 of said spring plates engaging the ratchet faces of the bar 6, thereby permitting movement of the bar 6 with relation to the tube 5 in one direction, but preventing the movement of said bar with relation to said tube in the opposite direction.

By referring to Fig. 1, it will be seen that the spring plate 19 is slightly shorter than the spring plate 21, so that when the end of the spring plate 18 is resting against one of the shoulders of the ratchet, the end of

the spring plate 19 is resting about the middle of one of the inclined faces of the other ratchet. It will therefore be seen that these spring plates alternately engage with the ratchets. It is not absolutely essential that two of these spring plates be provided, however, for one of them might be omitted and still an operative device be provided.

The operation of the device is as follows: When it is desired to ring a hog, the loop 7 is placed over the snout of the animal, the operator holding the tube 5 in the left hand and grasping the handle 17 with the right hand. The rod 6 is then drawn toward the left. This draws one end of the loop 7 into the tube 5 and consequently reduces the size of the loop and causes the material of which said loop is formed, to bind firmly about the snout of the animal. The ratchet connection between the tube 5 and the rod 6 which is formed by the spring plates 18 and 19 and the ratchet faces 13 and 14, prevents movement of the rod 6 in the opposite direction, so that after the loop 7 has once been drawn firmly about the snout of the animal, the operator may release the handle 17 and maintain control of the animal by holding on to the tube 5 or he may maintain control of the animal by holding on to the handle 17. In either event one hand is left free for the ringing operation.

When it is desired to release the animal, the handle 17 is given a quarter turn in either direction. This brings the plane surfaces 16 of the rod 6 against the ends 21 of the spring plates and the rod 6 may then be shoved into the tube to release the animal, as will be readily understood.

From the foregoing description, it will be seen that simple and efficient means are herein provided for accomplishing the objects of the invention, but while the elements shown and described are well adapted to serve the purposes for which they are intended, it is to be understood that the invention is not limited to the precise construction set forth, but includes within its purview such changes as may be made within the scope of the appended claims.

What I claim, is:

1. In a device of the character described, the combination with a tubular member, of a rod rectangular in cross section which is slidably disposed in said tubular member, a loop one end of which is secured to said tubular member and the other end of which is secured to said rod, said rod having ratchet faces formed upon two of its sides and having its other two sides smooth, a handle carried by the end of said rod, and spring plates carried by the tubular member and adapted to engage the ratchet faces of the rod

when said rod is in one position or to be freed from said ratchet faces when said rod is turned to another position.

2. In a device of the character described, the combination with a tubular member, of a rod which is slidably disposed in said tubular member, a loop one end of which is secured to said tubular member and the other end of which is secured to said rod, said rod having a ratchet face formed thereon and having a smooth portion, a handle carried by the end of said rod, and a spring plate carried by the tubular member and adapted to engage the ratchet

faces of the rod when said rod is in one position or to be freed from said ratchet faces when said rod is turned to another position.

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

ARTHUR A. JESTER.

Witnesses:

F. U. JONES,

ELMER MCGAUGHEY.