

P. LISTEMAN.

Hog Ringing and Marking Instruments.

No. 152,295.

Patented June 23, 1874.

Fig. 1.

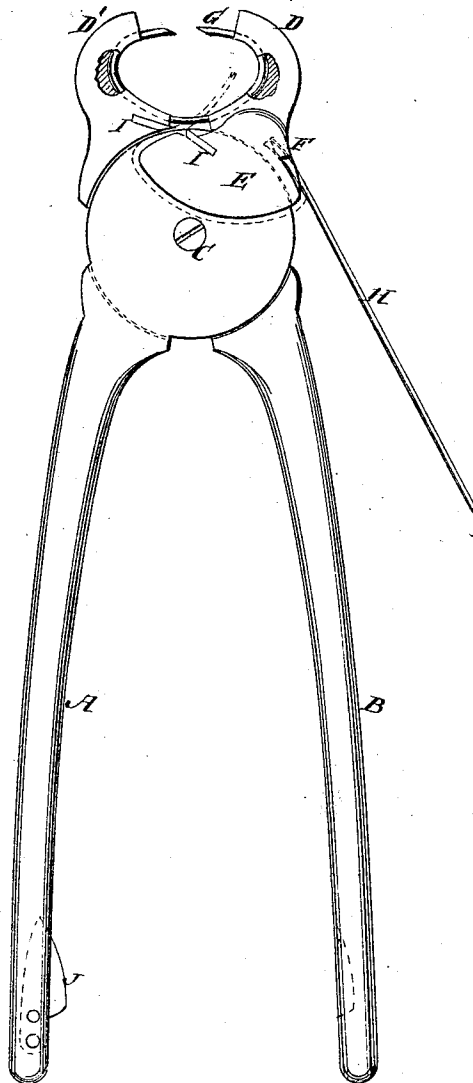


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

PHILIP LISTEMAN, OF COLLINSVILLE, ILLINOIS.

IMPROVEMENT IN HOG RINGING AND MARKING INSTRUMENTS.

Specification forming part of Letters Patent No. **152,295**, dated June 23, 1874; application filed February 14, 1874.

To all whom it may concern :

Be it known that I, PHILIP LISTEMAN, of Collinsville, in the county of Madison and State of Illinois, have invented a new and useful Improvement in Combined Instrument for Forming Rings and Ringing and Marking Hogs, of which the following is a specification :

The object of the invention is to furnish facilities for ringing hogs, consisting of pinchers so constructed that a semicircular ring-blank for the hog's nose is formed, and the ring-blank inserted.

In the accompanying drawing, Figure 1 is a side view of the pinchers, showing the device for forming the ring, and also the marking-blade. Fig. 2 is a view of the ring.

Similar letters of reference indicate corresponding parts.

This main instrument is made similar to ordinary pinchers, being composed of two lever-handles, A B, joined together by the central fulcrum-pin, C. D D' are the jaws. At the base of the jaw D a circular plate, E, is attached, at the right hand upper side of which is a hole, as seen at F. In forming the ring C, the end of the wire H is inserted in the hole F, as seen in the drawing, and the wire is bent around the circular plate E till it reaches the cutters I I, one of which is attached to the edge of the plate E, and the other to the jaw D'. By these cutters the wire is severed. The inner sides of the jaws D D' are grooved, as indicated in dotted line, and the partly-finished ring-blank is placed in their grooves,

and, with the ring-blank in this position, it is slipped onto the upper cartilage of the hog's nose, the jaws are compressed, and the ring-blank is inserted. The ends of the ring-blank G are cut beveling, so that each is a point. The two ends are brought together, and may be slipped past each other, to prevent the working out of the ring.

The operation of ringing the hog is so quickly performed that the hog is liberated with his new ornamental appendage before he has time to give more than a single squeal.

J is the blade for marking the hog. This blade shuts into one of the levers, so as to be out of the way when the instrument is used, as seen in the drawing.

I am aware that grooved jaws or pinchers, used for ringing hogs, have been used before; but I am not aware that such pinchers are provided with a forming-plate, and cutters for forming the ring, or have combined with them a blade for marking, as shown in the present invention.

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

The combination of a ring-blank former, recessed to receive the stock and cutters I I, in an instrument for ringing hogs, as and for the purpose set forth.

PHILIP LISTEMAN.

Witnesses:

W. S. COMBS,
JOHN SCHOTTLE.