

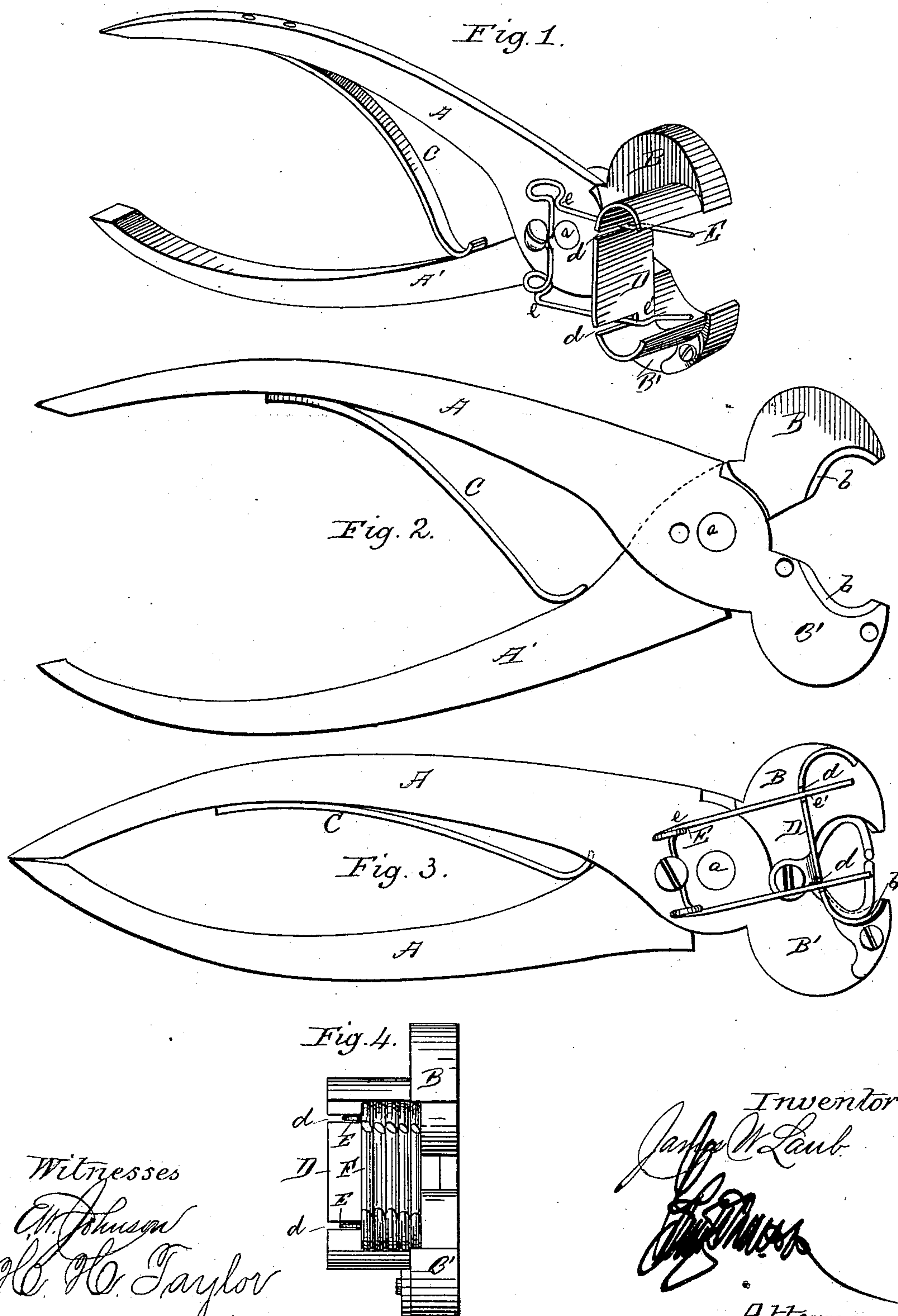
(No Model.)

J. W. LAUB.

HOG RINGER.

No. 282,909.

Patented Aug. 7, 1883.



UNITED STATES PATENT OFFICE.

JAMES W. LAUB, OF CHAPMAN, NEBRASKA.

HOG-RINGER.

SPECIFICATION forming part of Letters Patent No. 282,909, dated August 7, 1883.

Application filed March 29, 1883. (No model.)

To all whom it may concern:

Be it known that I, JAMES W. LAUB, a citizen of the United States of America, residing at Chapman, in the county of Merrick and State of Nebraska, have invented certain new and useful Improvements in Hog-Ringers; 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, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

My invention relates to certain new and useful improvements in implements for inserting rings in hogs' snouts; and it consists more particularly in the construction and combination of the parts, as will be hereinafter set forth, and pointed out in the claims.

In the annexed drawings, Figure 1 is a perspective view of an implement embodying my invention with the jaws open. Fig. 2 is a side view of the same with the feed attachment removed and jaws open. Fig. 3 is a side view with the jaws closed, showing a ring in position between the jaws. Fig. 4 is an end view with jaws open, showing the blanks in the feed-box and one blank in position between the jaws.

Referring to said drawings, A A' are the handles of the nippers. C is a spring, which forces said handles apart.

B B' are the jaws, pivoted at a, said jaws being curved on their inner faces and having the grooves b, which receive the blanks as they are fed from the feed attachment and hold the same in position.

D is a piece of flat metal secured to the jaw B', forming the feed-box, in which are held the blanks, the ends of said feed-box being curved in toward the center, and conforming to the shape of the jaws B B' when the same are open.

d d are slots in the bottom of the feed-box

which receive the springs E, said springs being secured to the handle A and bent toward the jaws at e, and again bent at e'. The springs E serve to hold the blanks F in the feed-box D and feed them to the jaws, as required. The blanks F are bent to conform to the shape of the feed-box D.

My invention is operated as follows: A sufficient number of blanks are placed in the feed-box D. The springs E are adjusted in the slots d d, and, pressing down upon the outer blank, force the inner blank into the grooves b in the jaws of the nippers. The jaws are then placed over the end of the hog's snout, and the handles being pressed together, the jaws are closed and the points of the ring forced together, the points being sharp enough to pierce the gristle of the snout. The pressure being then removed from the handles, the spring C throws them apart, and the springs E force another blank into the grooves b.

Having thus fully described my invention I claim—

1. A pair of hog-ringing nippers having the handles A A', spring C, and jaws B B', having grooves b, in combination with the feed-box D, and means for holding the blanks in said feed-box and feeding them to the jaws, as required, substantially as shown and described.

2. The handles A A', spring C, and jaws B B', having grooves b, in combination with the feed-box D and springs E, substantially as shown and described.

3. The combination of the handles A A', spring C, jaws B B', having the grooves b, the feed-box D, having the slots d d and springs E, substantially as shown and described.

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

JAMES W. LAUB.

Witnesses:

A. J. BOWLE,
C. E. CADY.