

No. 711,773.

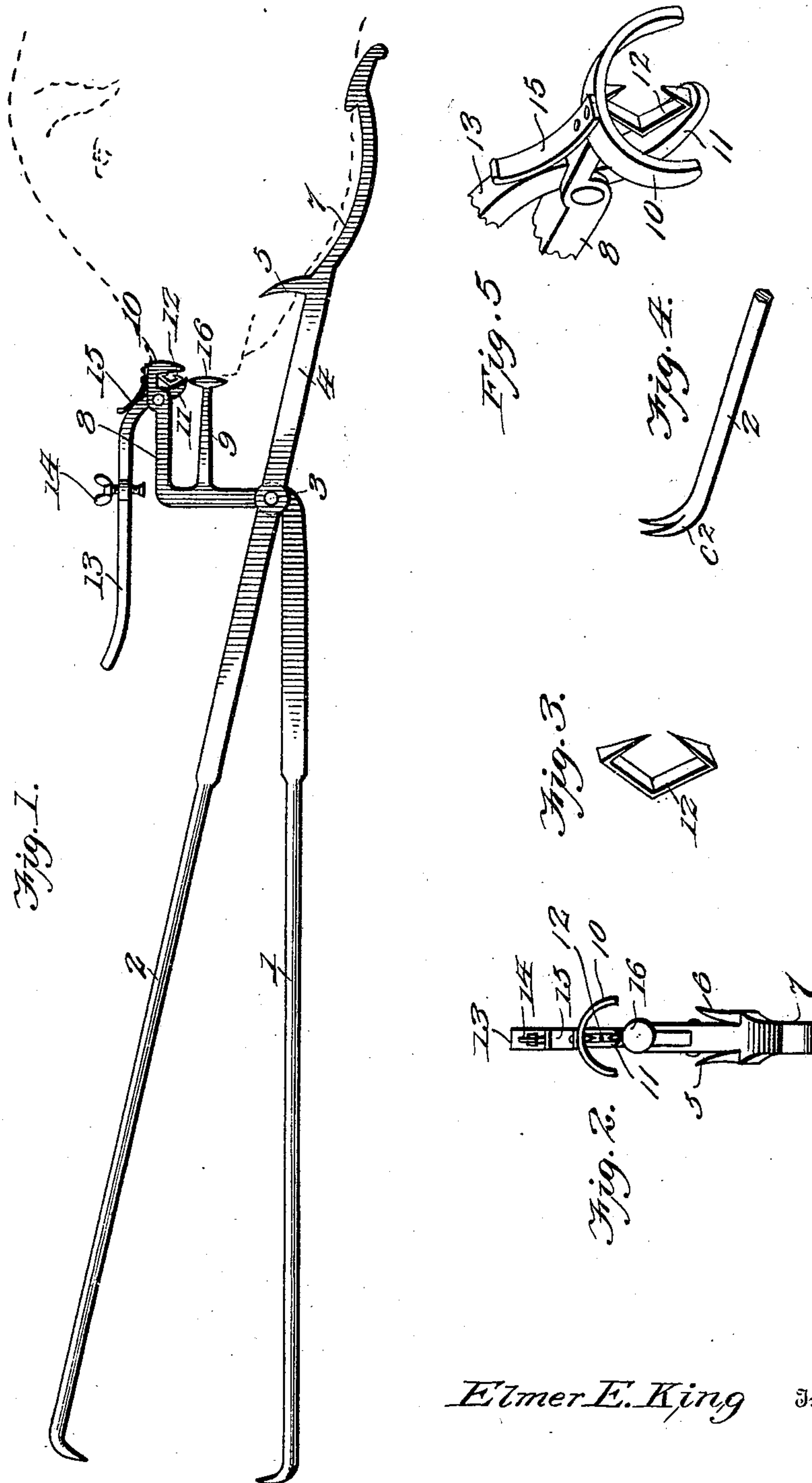
Patented Oct. 21, 1902.

E. E. KING.

HOG RINGER.

(Application filed Aug. 21, 1901.)

(No Model.)



Witnesses

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ELMER E. KING, OF KANSAS CITY, MISSOURI.

HOG-RINGER.

SPECIFICATION forming part of Letters Patent No. 711,773, dated October 21, 1902.

Application filed August 21, 1901. Serial No. 72,834. (No model.)

To all whom it may concern:

Be it known that I, ELMER E. KING, a citizen of the United States, residing at 2946 Grand avenue, Kansas City, in the county of Jackson and State of Missouri, have invented new and useful Improvements in Hog-Ringers, of which the following is a specification.

This invention relates to improvements in hog-ringers; and the primary object of the device is to provide a cheap, durable, and simple means for holding and ringing hogs in the quickest possible manner.

Further objects, as well as the novel construction of the invention, will be fully described hereinafter, claimed, and illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of the device constructed in accordance with my invention and illustrating the manner of applying the same to the head of an animal. Fig. 2 is an end elevation of the same. Fig. 3 is a detail perspective view of one of the rings. Fig. 4 is a detail perspective view of one of the claws. Fig. 5 is a detail perspective view of the ringing-tool, illustrating the manner of holding the ring.

1 and 2 designate the handles of the device pivoted at 3 and having their rear ends provided with inwardly-projecting claws 2^a to form a pair of tongs. The forward end of the handle 2 has a projecting extension 4, terminating in a downwardly-curved end, and intermediate the ends thereof are two upwardly-projecting spurs 5 and 6. The extension 4 is curved, as indicated at 7, to receive the throat of the animal, thereby placing its lower jaw between the spurs 5 and 6.

An upwardly-projecting extension is formed on the handle 1 at or near the fulcrum-point thereof and is provided with two parallel laterally-extending arms 8 and 9. The arm 8 has at its free end a rigid inverted-U-shaped jaw 10, adapted to embrace the nose of the animal, and when pressure is brought upon the handles 1 and 2 the extension 4 and jaw 10 are caused to approach each other, firmly clamping and holding the animal's head, which is prevented from moving sidewise by the spurs 5 and 6. The arm 8 is provided with a suitable slot, in which is pivoted the

jaw 11, adapted to receive one end of the ring 12, the opposite end of which abuts against the under side of the jaw 10, in which position it is held by the tension of the spring 15. The pivoted jaw 11 has a rearwardly-extending arm 13 for actuating the same, and intermediate the ends of this arm is an adjusting-screw 14 for limiting the movement of the pivoted jaw.

It will be perceived that by clamping the animal's head between the extension 4 and jaw 10 it is prevented from having the slightest movement and that by a downward pressure upon the arm 13 the jaw 11 will cause the ring 12 to be properly placed.

A spring 15 is carried by the arm 8, exerting a pressure upon the arm 13 to cause the jaw 11 to approach the rigid jaw 10 to hold the ring 12. The arm 9 is provided on its free end with a head or disk 16, which is adapted to bear against the nose of the animal to limit the inward movement of the head between the extension 4 and jaw 10, whereby the jaw is placed in a position to properly attach the ring 12 upon the depression of the arm 13.

The operation of the device is as follows: The ring 12 is placed between the jaws 10 and 11 and held there by the tension of the spring 15 upon the arm 13. The animal's head may then be clamped between the jaw 10 and extension 4, and by downwardly pressing the arm 13 the ring 12 is inserted into the animal's nose.

It is perceived from the foregoing that I provide a ringing-tool which will effectually hold the animal's head during the operation of ringing and that the same is easily operated, cheap, durable, and effective.

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

1. In a device of the character described, the combination with two handles pivoted together; of a forwardly-projecting extension on one of the handles adapted to engage the lower jaw of the animal and provided with two upwardly-projecting spurs, an upwardly-projecting extension on the other handle, parallel arms carried thereby, one of said arms forming the rigid jaw of the nose-ringing de-

vice and the other arm adapted to bear against the nose of the animal, and a pivoted jaw carried by the first-named parallel arm, and forming the other jaw of the nose-ringing device.

2. In a device of the character described, the combination with two handles pivoted together, of a forwardly-projecting extension carried by one of the handles and adapted to engage the lower jaw of the animal, a jaw carried by the other handle and adapted to fit over the nose of the animal, and means carried by the last-mentioned handle to carry and insert a ring in the animal's nose.

3. In a device of the character described, the combination with two handles pivoted together, of a forwardly-projecting extension carried by one of the handles, a jaw carried by the other handle and adapted to fit over the nose of the animal, means carried by the last-mentioned handle adapted to prevent the inward movement of the animal's head between the jaw and extension, and means ad-

jacent the jaw to carry and insert a ring in the animal's head.

4. In a device of the character described, the combination with a pair of handles pivoted together, a forwardly-projecting extension carried by one handle and adapted to engage the lower jaw of the animal, an upwardly-projecting extension carried by the other handle, a pair of parallel arms carried by said extension one of which is designed to form the rigid jaw of a nose-ringing tool, the other arm being adapted to bear against the nose of the animal, a pivoted jaw carried by the first-named arm and forming the other jaw of the nose-ringing tool, and means for limiting the movement of said jaw.

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

ELMER E. KING.

Witnesses:

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SARAH GUION.