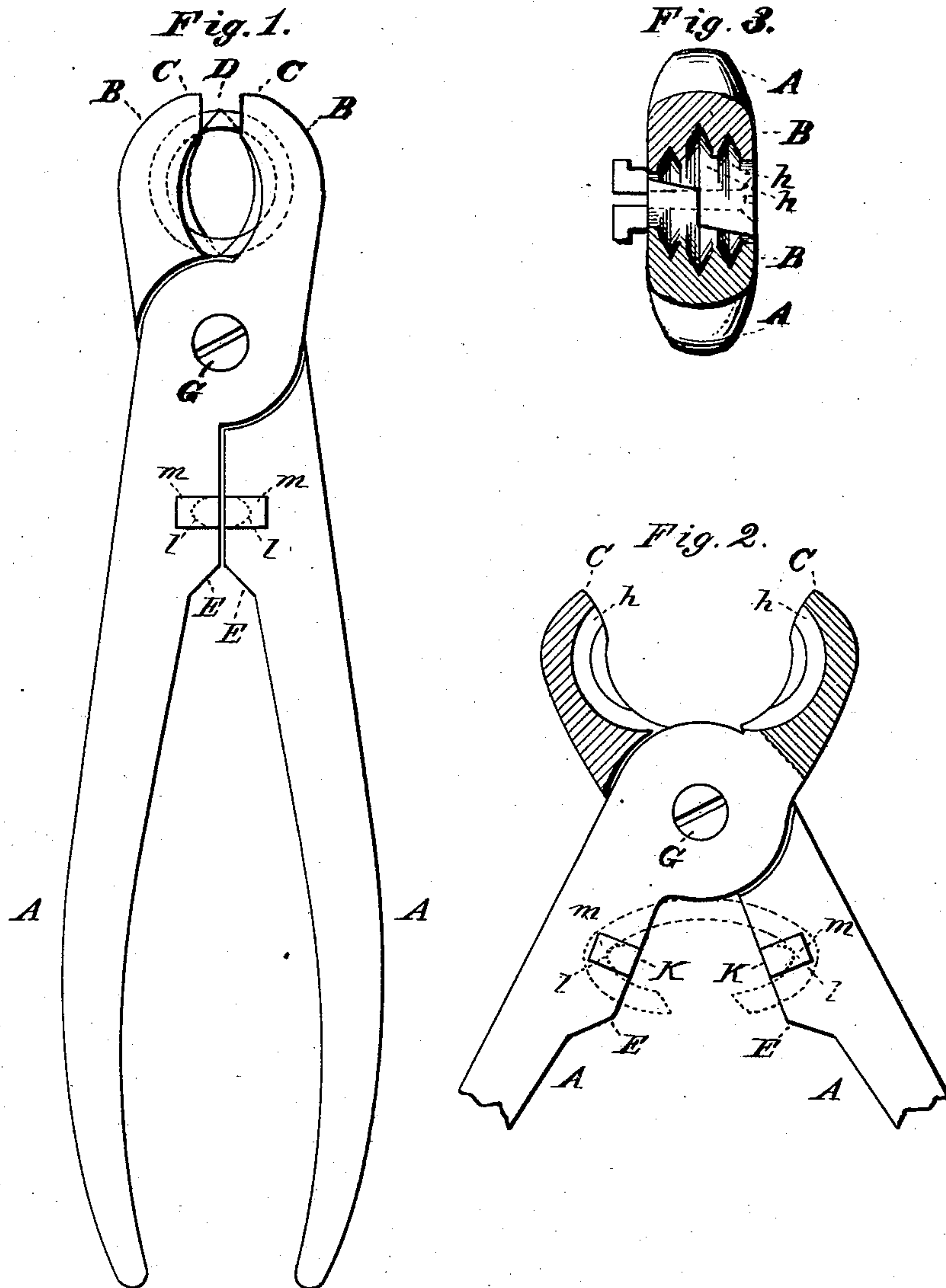


(No Model.)

J. H. LINDSLEY.
HOG RINGING PINCHERS.

No. 324,391.

Patented Aug. 18, 1885.



WITNESSES

Villette Anderson.
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UNITED STATES PATENT OFFICE.

JOSEPH HUDSON LINDSLEY, OF WHITE HOUSE, NEW JERSEY.

HOG-RINGING PINCHER.

SPECIFICATION forming part of Letters Patent No. 324,391, dated August 18, 1885.

Application filed May 23, 1884. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH H. LINDSLEY, a citizen of the United States, residing at White House, in the county of Hunterdon and State of New Jersey, have invented certain new and useful Improvements in Hog-Ringing Pinchers; and I do 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.

Figure 1 of the drawings is a representation of this invention, and is a side view showing the ringer closed on a ring. Fig. 2 is also a side view of a portion, the ring end being in section and the device shown as open. Fig. 3 is a section across the ring end.

This invention has relation to devices for applying rings to the snouts of hogs; and it has for its object to facilitate this work, and especially the operation of setting angle-edge nose-rings, as hereinafter set forth.

In the accompanying drawings, the letters A A designate the lever-branches of a pair of strongly-constructed pinchers, the broad jaws B B of which are not, however, designed to close upon each other, but are separated at their extremities C, even when in closed position, by an interval, D, of sufficient size to admit the marginal portion of the snout of a hog. These jaws are prevented from closing by stops E E, which are formed on the inside of the lever-handles A A, near the fulcrum G.

The inside surface of each jaw is concave, and is provided with one or more grooves, *h*, which are V form or angular in cross-section, being especially adapted to engage the angular outer portion of an angle-edge nose-ring. Usually, it is preferred to make two or three of these grooves *h* varying in length, so that the instrument can be used with rings of different size.

On the lever handles, near the fulcrum, are formed stud-bearings K K, the outer edges, *l*, of which are rounded. These studs are provided above the rounded edges with guide flanges or projections *m*.

When the instrument is to be used, an open ring is placed between the jaws, its sides being in engagement with the grooves thereof, and its pointed ends projecting toward each other beyond the ends of the jaws. The ring is then placed on the snout of the hog, so that the marginal portion thereof will be between the points. By compressing the handles the jaws are brought toward each other, driving the points of the ring together through the marginal portion of the snout. If the ring is scant and does not close, so that the operation is a failure, the ring is removed from the jaws and placed on the stud-bearings, and by operating the handles these stud-bearings may be forced apart sufficiently to open the ring for a new application, which may be successfully made by putting the ring in the shorter grooves of the jaws.

Having described this invention, what I claim and desire to secure by Letters Patent, is—

1. A pair of hog-ringing pinchers consisting of the two lever-handles A A, having their concave jaws provided with the angular grooves *h*, and at the rear of the fulcrum-point the lateral stud-bearings K K, having guide-flanges *m*, substantially as shown and described.

2. A pair of hog-ringing pinchers having on the lever-handles rounded stud-bearings having above their rounded outer edges guide flanges or projections *m*, substantially as specified.

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

JOSEPH HUDSON LINDSLEY.

Witnesses:

D. E. COUGHLIN,
SANFORD HAGAMAN.