

(No Model.)

P. DRAIS & A. HEGLER.

DEVICE FOR RINGING HOGS.

No. 312,445.

Patented Feb. 17, 1885.

FIG. 1.

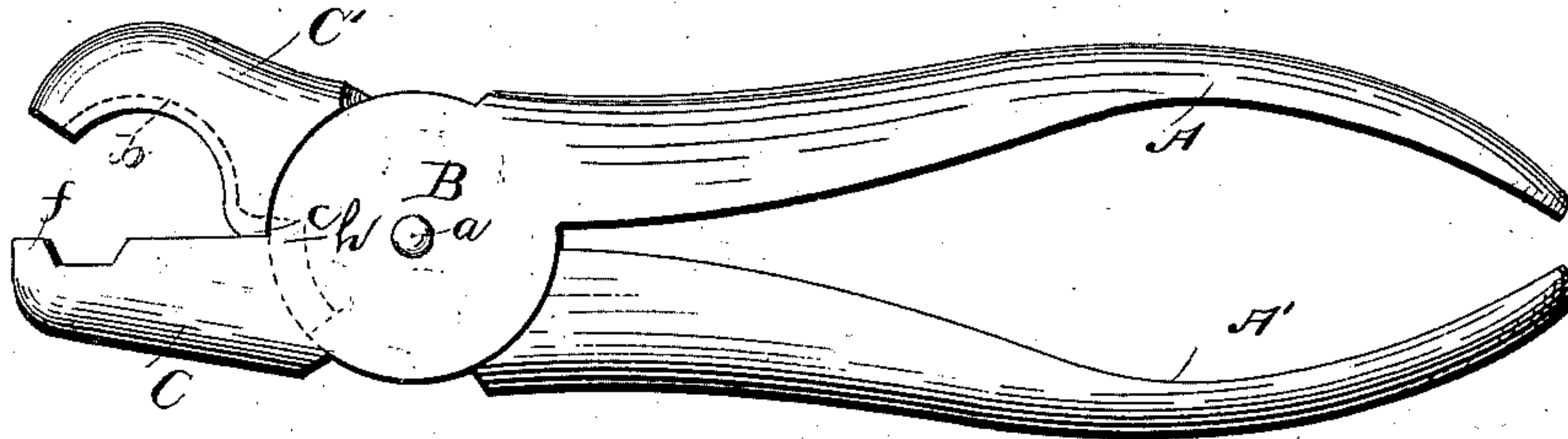


FIG. 2.

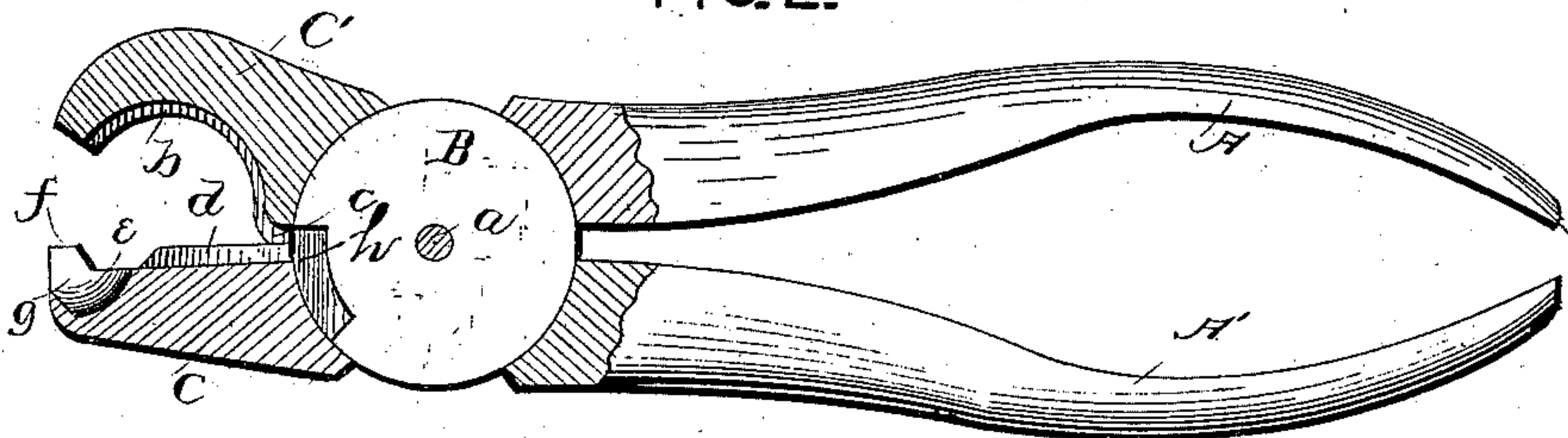
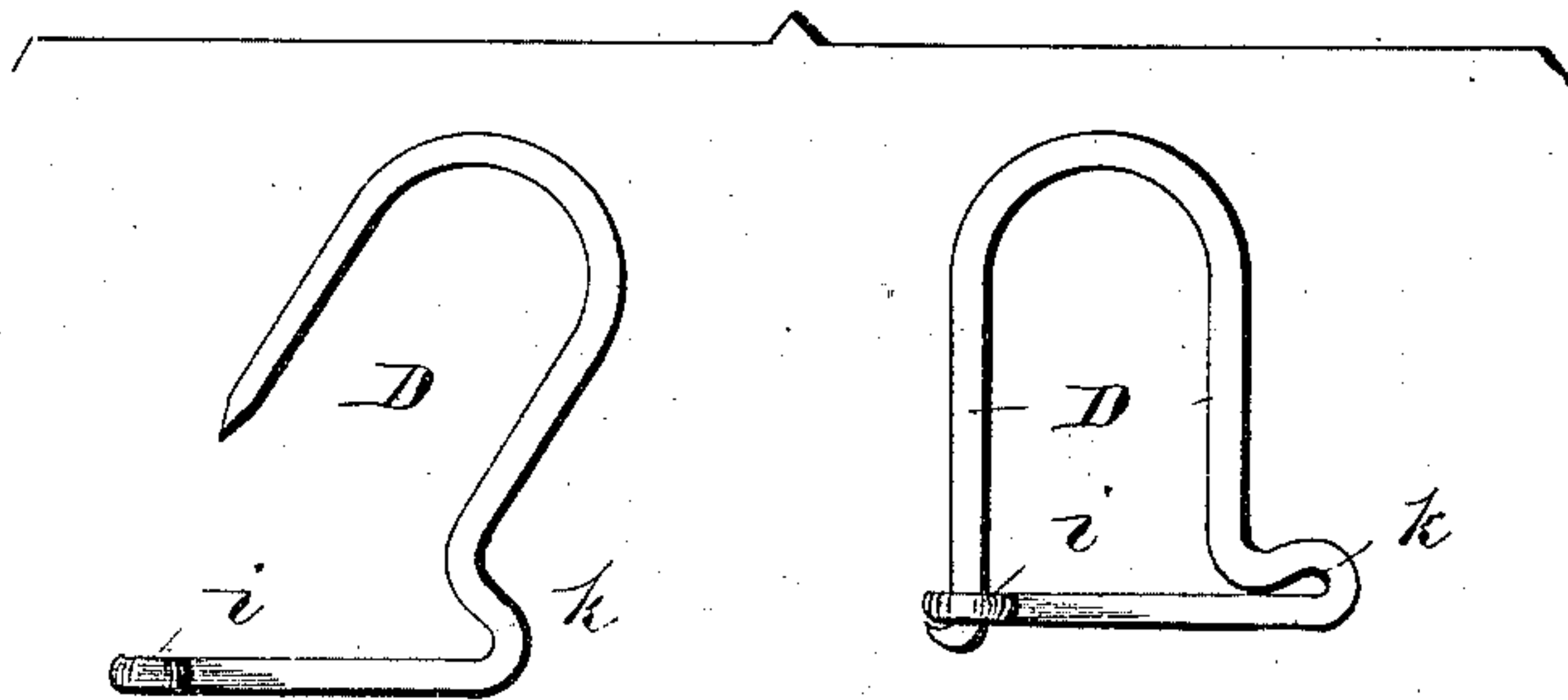


FIG. 3.



WITNESSES

Wm. T. Gill
G. F. Downing.

INVENTOR

Peter Drais

Almer Hegler.

ATTORNEY

B. H. A. Sumner.

UNITED STATES PATENT OFFICE.

PETER DRAIS AND ALMER HEGLER, OF WASHINGTON COURT-HOUSE, OHIO;
SAID DRAIS ASSIGNOR TO SAID HEGLER.

DEVICE FOR RINGING HOGS.

SPECIFICATION forming part of Letters Patent No. 312,445, dated February 17, 1885.

Application filed August 20, 1884. (No model.)

To all whom it may concern:

Be it known that we, PETER DRAIS and ALMER HEGLER, of Washington Court-House, in the county of Fayette and State of Ohio, have invented certain new and useful Improvements in Devices for Ringing Hogs; and we 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.

Our invention relates to devices for ringing hogs, the object being to provide a ringer especially adapted to adjusting rings, as shown in Patent No. 243,064, granted to Peter Drais June 21, 1881. A further object is to provide a ringer which shall be simple and economical in construction, and by means of which a ring may be easily and readily adjusted; and with these ends in view our invention consists in certain novel features of construction, as will be hereinafter fully described, and pointed out in the claims.

In the drawings, Figure 1 is a view in side elevation of our improved ringer. Fig. 2 is a like view thereof, partly in section. Fig. 3 is a view of the ring.

A A' represent the handles of our improved ringer, each provided with a flattened circular portion, B, through the centers of which passes a pin, *a*, pivoting the two handles together. The ends of the handles near the pivotal pin *a* are formed into jaws C C', the circular portions B of the ringer being cut away to allow the jaws C C' to register with each other. The outer portion of the jaw C is preferably formed straight and the jaw C' curved, the inner edge of which latter is provided with a longitudinal groove or recess, *b*. The jaws are so formed that when they are closed the ends will not quite meet, as shown in Fig. 1, a shoulder, *c*, being formed at the bottom of the jaw C', against which the jaw C strikes and prevents the jaws from coming together. The lower portion of the jaw C is provided on opposite sides with a rib, *d*, extending to a point about midway the length

of the jaw, where they are cut away to within a short distance of the end thereof, thus forming a recess, *e*, and two projections or teeth, *f*, on the end of said jaw. The end of this jaw is hollowed out, forming the recess *g*, which starts from about the middle point of the recess *e*, and is formed on a slant to within a short distance of the end of the jaw, where the slant is reversed. The circular portions B are provided with recesses *h*, registering with each other, and into which the grooves *b* and *d* open.

D is the ring, constructed substantially as described and shown in the aforesaid patent, one end of the ring being provided with an eye, *i*, the other end of the loop being sharpened to more easily penetrate the snout of the hog.

When it is desired to use our ringer to adjust a ring in the snout of a hog, the ring is inserted in the grooves of the jaws, the loop *k* of the ring fitting down in the recess *h*, the eye *i* of the ring lying flat in the recess *e*, and the curved portion of the ring fitting in the groove in the jaw C'. When the handles A A' are brought together, the sharpened end of the ring is forced through the hog's snout and the eye *i* of the ring, and then bears on the inclined side of the groove or recess *g* until it strikes the oppositely-inclined portion, whereupon it is bent over and prevented from coming out of the eye *i*.

This device is exceedingly simple in construction, is easily and readily operated, and can be manufactured at a small initial cost.

Having fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. A device for ringing hogs, consisting, essentially, of two handles pivoted together, each provided with a jaw, one of said jaws being curved and provided throughout its entire length with a groove, and the other or straight jaw provided on opposite side edges with ribs cut away at *e*, and with a recess or depression having inclined walls, substantially as set forth.

2. A device for ringing hogs, consisting, essentially, of two handles pivoted together, each provided with a recess, *h*, and with two jaws, one of said jaws being curved and provided with a groove running throughout its entire length, and the other or straight jaw provided with side ribs cut away, as shown, and with the recess *g*, substantially as set forth.

In testimony whereof we have signed this specification in the presence of two subscribing witnesses.

PETER DRAIS.
ALMER HEGLER.

Witnesses:

J. B. PRIDDY,
M. WILLARD.