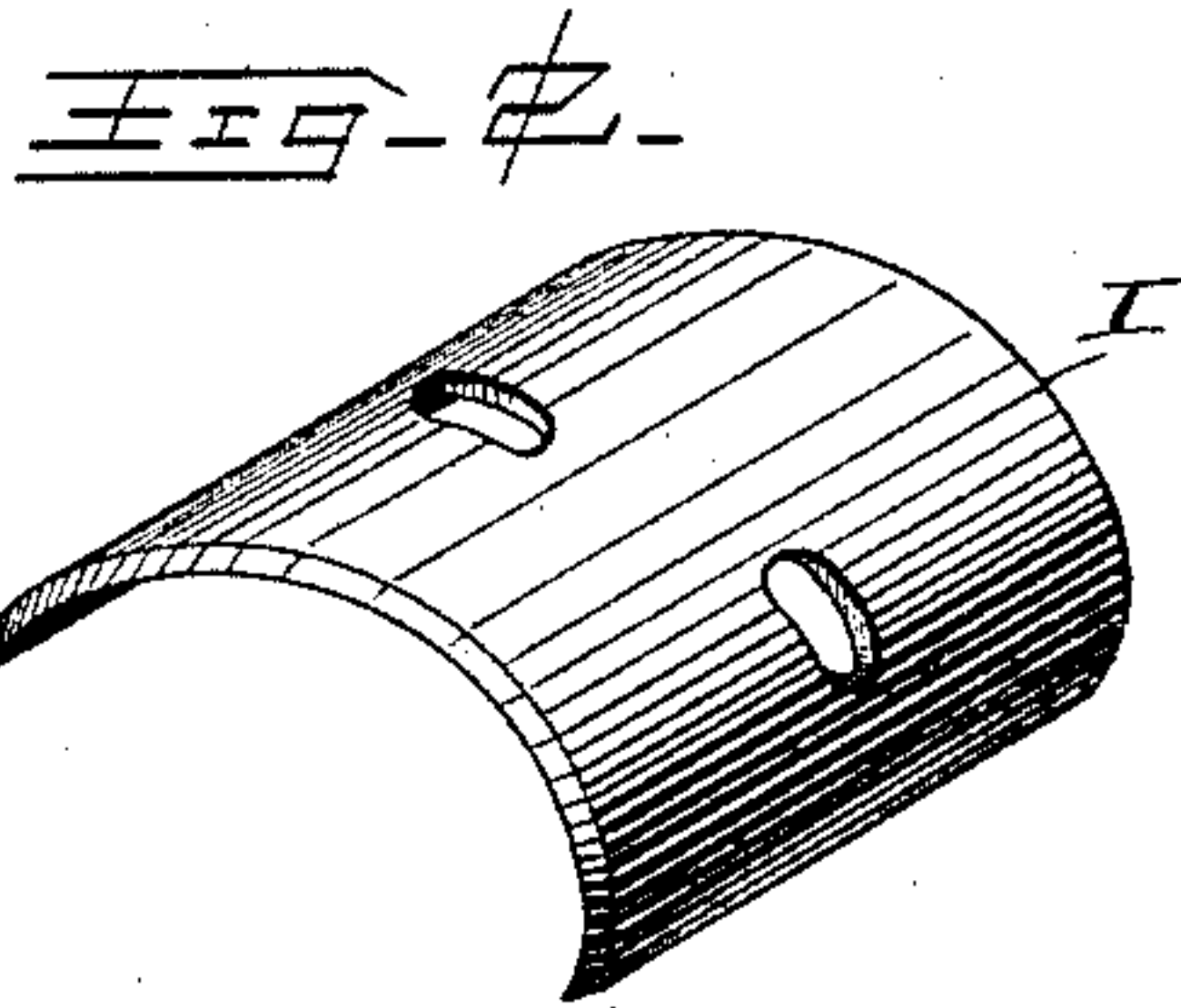
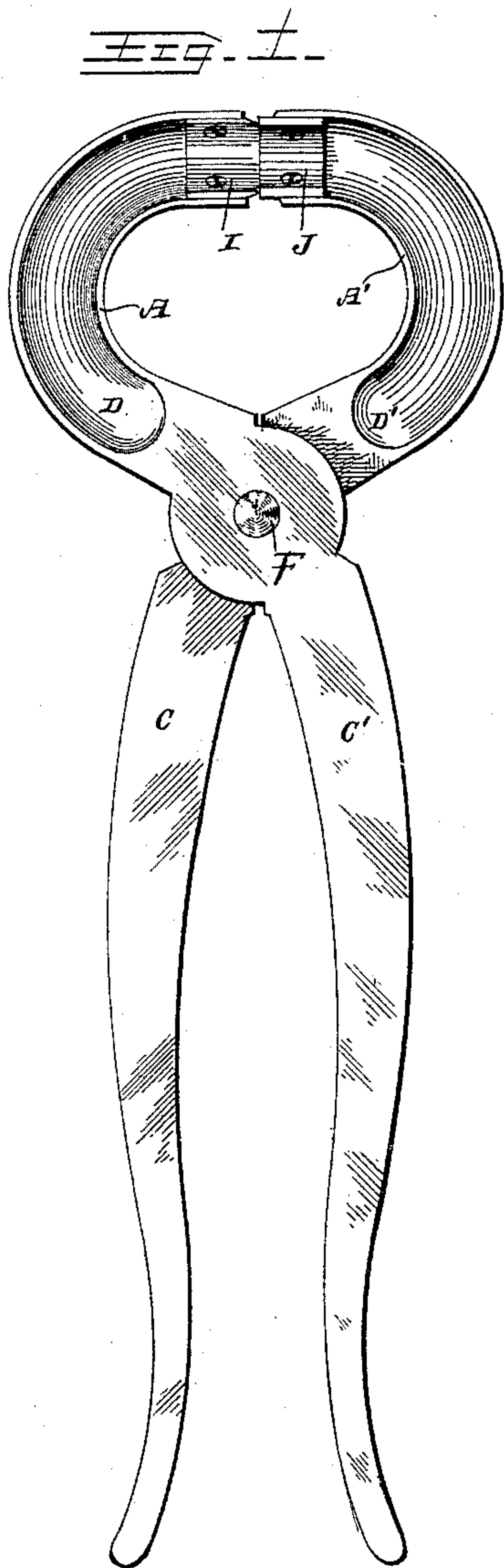


(No Model.)

C. H. DANA.
NOSE RINGING TOOL.

No. 339,152.

Patented Apr. 6, 1886.



WITNESSES:

L. Horner, Jr.
Chas. Cotterill.

INVENTOR;

Charles H. Dana

BY

W. M. Cragin.

ATTORNEY

UNITED STATES PATENT OFFICE.

CHARLES H. DANA, OF WEST LEBANON, NEW HAMPSHIRE.

NOSE-RINGING TOOL.

SPECIFICATION forming part of Letters Patent No. 339,152, dated April 6, 1886.

Application filed January 28, 1886. Serial No. 190,059. (No model.)

To all whom it may concern:

Be it known that I, CHARLES H. DANA, a citizen of the United States, residing at West Lebanon, in the county of Grafton and State of New Hampshire, have invented certain new and useful Improvements in a Nose-Ringing Tool; 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 the letters and figures of reference marked thereon, which form a part of this specification.

The object of my invention is to provide a ringing-tool for cutting a semicircular slit back of the ball of the nose of the animal, said tool also holding the animal and guiding the ring through the slit.

To this end my invention consists of two handles jointed together and prolonged in the form of two jaws curved nearly to the form of a circle, one jaw being provided with a semicircular knife, and the other jaw with a similarly-curved block, against which the knife cuts, each jaw having on its upper face a concave groove which grows shallower as it leads back from the end of the jaw toward the joint, the purpose of said groove being to support a jointed ring and guide it through the slit cut in the nose.

In the drawings, Figure 1 is a plan view. Fig. 2 is a detail view of the knife.

Like letters refer to like parts.

C C' represent the handles, which continue to form two jaws, A A', curved nearly to the contour of a circle. At F is an ordinary pivot-joint. The jaw A has a semicircular knife, I,

screwed or suitably secured at the end of the former and in the curved groove D. The jaw A' has a cutting-block, J, arranged and fastened like the knife. The knife may be made of steel and the block of brass, or any suitable material can be used. The purpose of the concave grooves D D' is to support the ring and guide it through the slit in the nose as the jaws close, it being understood that a jointed ring is to be used. The groove should form a continuation of the inner surface of the knife and block, and as they lead back toward the joint F they should grow shallower, so that a ring may lie in them snug against the knife.

The operation of the device is as follows: The slit is punched in the nose back of the ball, and without removing the tool the animal is held, while the ring, opening in halves from a rivet joint, is moved over the cutting-block, being guided by the groove. The end of the ring is then pushed through the slit and thereafter fastened in place.

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

The combination of the semicircular jaw A, having the curved knife I and groove D, with the corresponding jaw, A', provided with a curved cutting-block, J, and groove D', said jaws being jointed at F, and operated by the handles C C', as set forth.

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

CHARLES H. DANA.

Witnesses:

S. M. PINGRE,
J. J. SIMONDS.