

(No Model.)

J. C. DUPEE & C. P. HOUSUM.
Calf Weaner.

No. 235,860.

Patented Dec. 28, 1880.

Fig. 1.

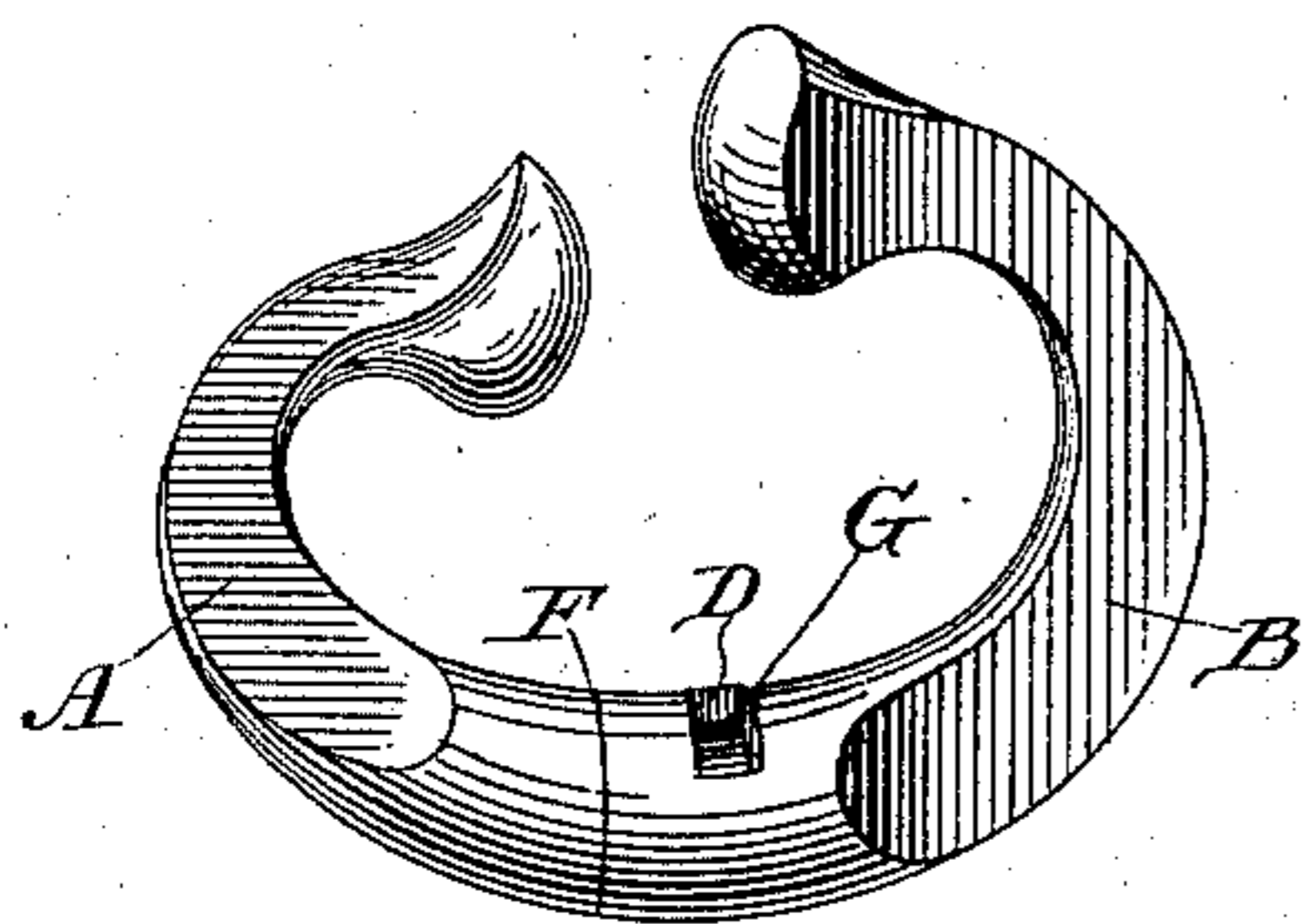


Fig. 2.

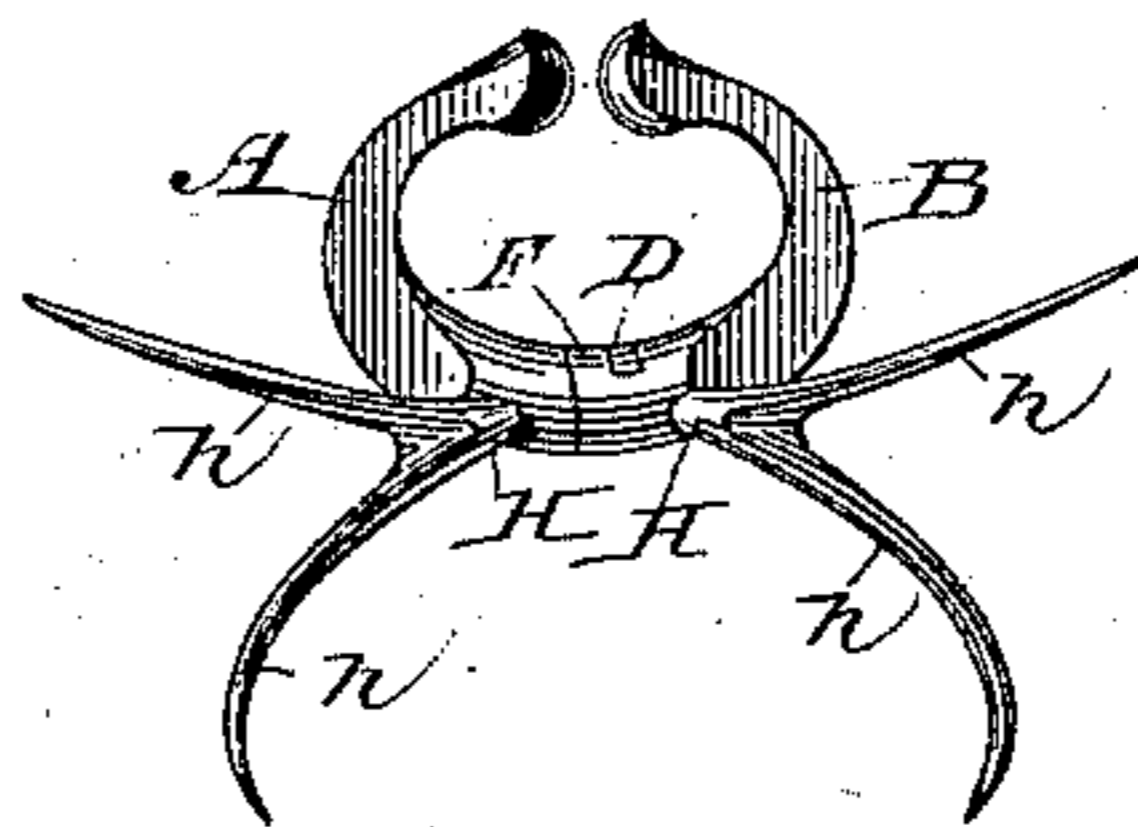


Fig. 3.

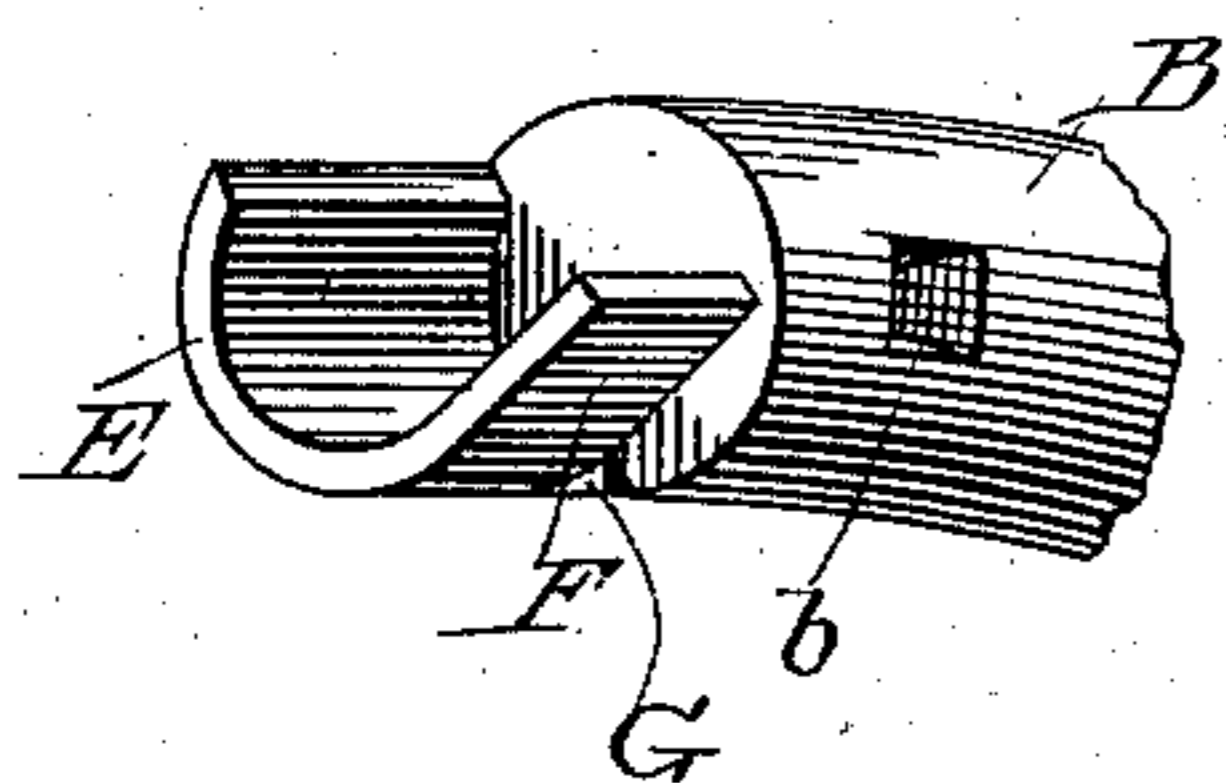


Fig. 4.

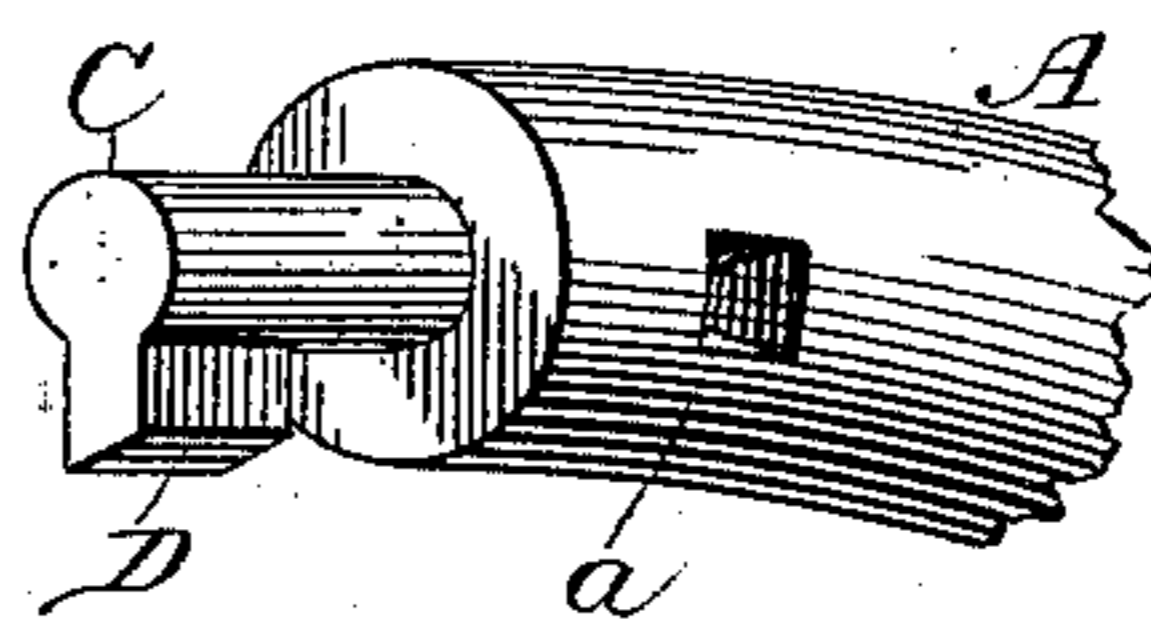
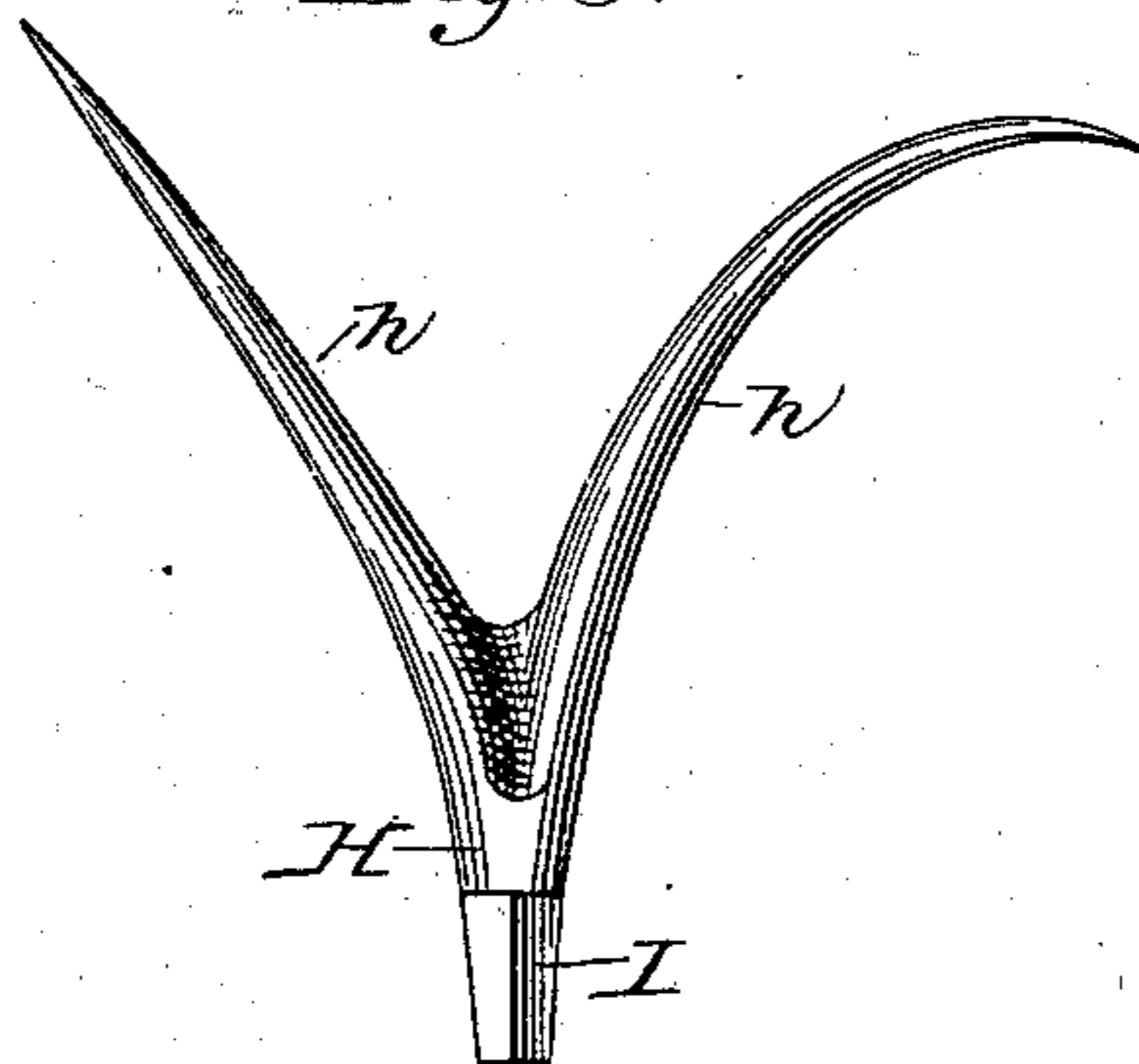


Fig. 5.



Witnesses:

Charles M. Fletcher
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Inventors:

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UNITED STATES PATENT OFFICE.

JOHN C. DUPEE AND CHARLES P. HOUSUM, OF DECATUR, ILLINOIS.

CALF-WEANER.

SPECIFICATION forming part of Letters Patent No. 235,860, dated December 28, 1880.

Application filed August 19, 1880. (No model.)

To all whom it may concern:

Be it known that we, JOHN C. DUPEE and CHARLES P. HOUSUM, citizens of the United States, and residing at Decatur, in the county of Macon and State of Illinois, have invented a new and useful Improvement in Calf-Weaners, and of which the following is a specification.

Our invention relates to an improvement in calf-weaners, the object of which is to form the joint so that it can be opened by turning the two parts at right angles to each other; and it consists, first, in the construction of the joints of the ring by which a bayonet-lock is formed; second, in the form of the two parts of which the joint is made; third, in the construction of the points for readily attaching them to the ring; and, fourth, the flat part on the ring adapted for stamping owner's name, &c., thereon. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a plan of the ring partially open, with the prongs removed. Fig. 2 is a plan of the weaner complete and closed. Fig. 3 is a perspective view of one end of the joint. Fig. 4 is a perspective view of the other end of the joint, and Fig. 5 is a plan of the prong.

The ring is formed of two parts, A B, similar to those of a cattle-leader. The part A is provided with a stem, C, with the pin D. The part B is provided with an opening, E, sufficient to admit the stem C, and has a projection, F, of sufficient length so that when the two parts A B are placed together the projection F can be bent around the stem C behind the pin D, securing the two parts together. A slot, G, is left in the part B, sufficient to allow the pin to pass therein, so that the parts can be turned at right angles to each other and the ring opened. The castings are made of malleable metal, to admit of the bending of the projection around the stem.

H shows the prongs, provided with two or more barbs, *h h*. The butt I is preferably made square, passing clear through the square

holes *a b* in the ring when they are over-riveted on the back.

The ring is attached to the animal's nose by opening the ring—that is, by turning the two parts of the ring at right angles to each other. This leaves a wide space between the balls on the ends of the ring, so that it can be readily placed in the animal's nostrils. Turning the two parts back in a plane with each other brings the two balls close together, as shown in Fig. 2. The ring cannot be removed by the animal, as it requires a hold on both parts of the ring to open it. The flat part that is lettered as shown in Figs. 1 and 2 is designed to be stamped with the owner's name, &c.

It is obvious that the ring with the points removed can be used as a bull-ring or cattle-leader, which can be readily attached to or removed from the animal's nostrils.

I am aware that rings for the purpose have been made in which the two parts are hinged or pivoted so as to open in a plane with each other, or are secured together when closed by pins, springs, &c. These I do not claim; but,

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

1. A calf-weaner provided with the bayonet lock or joint having the stem C, pin D, opening E, and slot G, combined and operating substantially as shown and described.

2. The calf-weaner, consisting of the parts A and B, the part A having the stem C and pin D, and the part B having the opening E and slot G, these, when united, forming a bayonet lock or joint, by which the two parts A and B are adapted to turn at right angles to each other, the whole being provided with barbed prongs H, substantially as and for the purpose stated.

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CHARLES P. HOUSUM.

Witnesses:

CHARLES M. FLETCHER,
JOHN S. BIXBY.