

(No Model.)

A. J. TAYLOR & M. A. HAMILTON.

CALF WEANER.

No. 257,253.

Patented May 2, 1882.

Fig. 1.

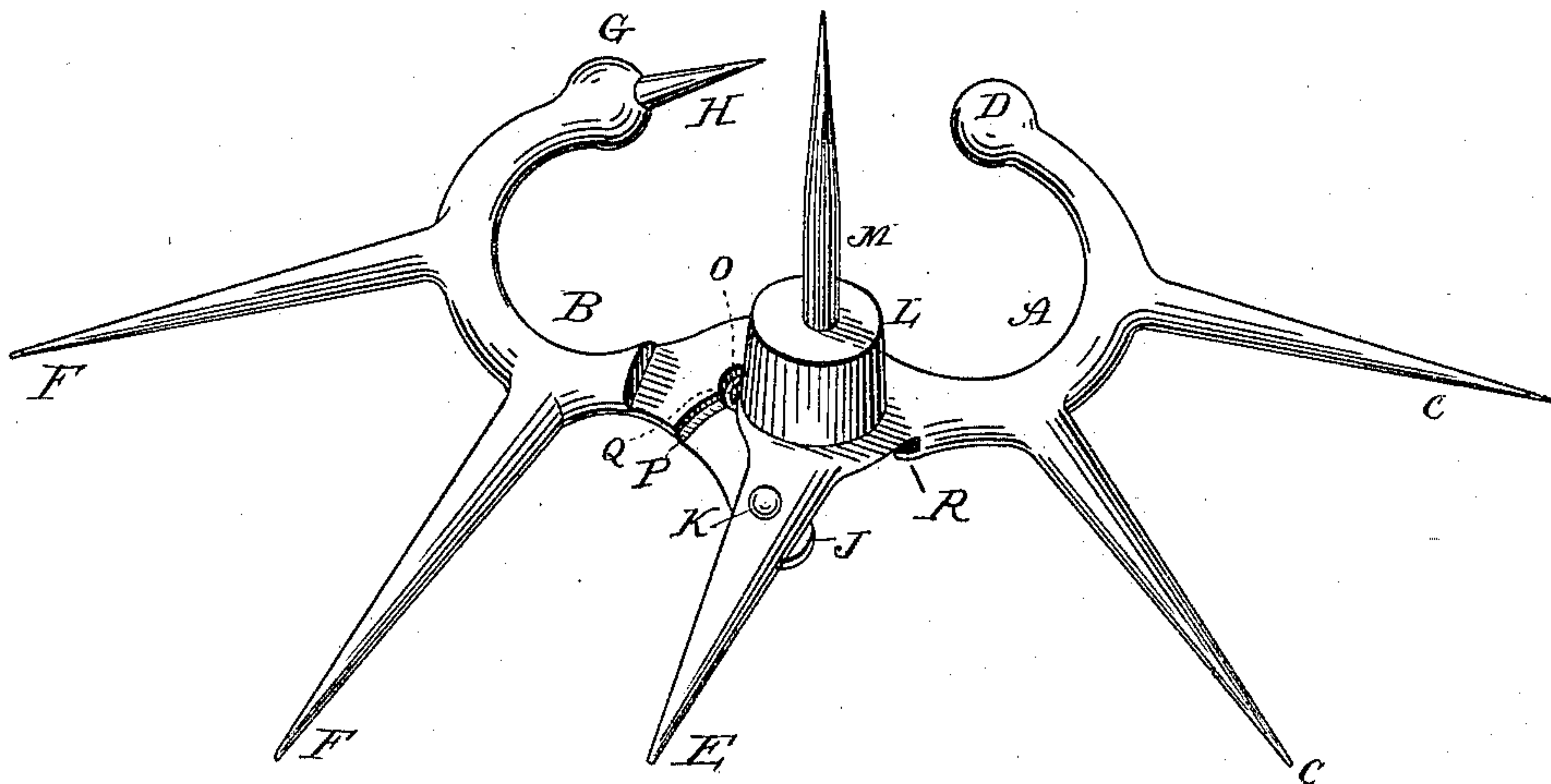


Fig. 2.

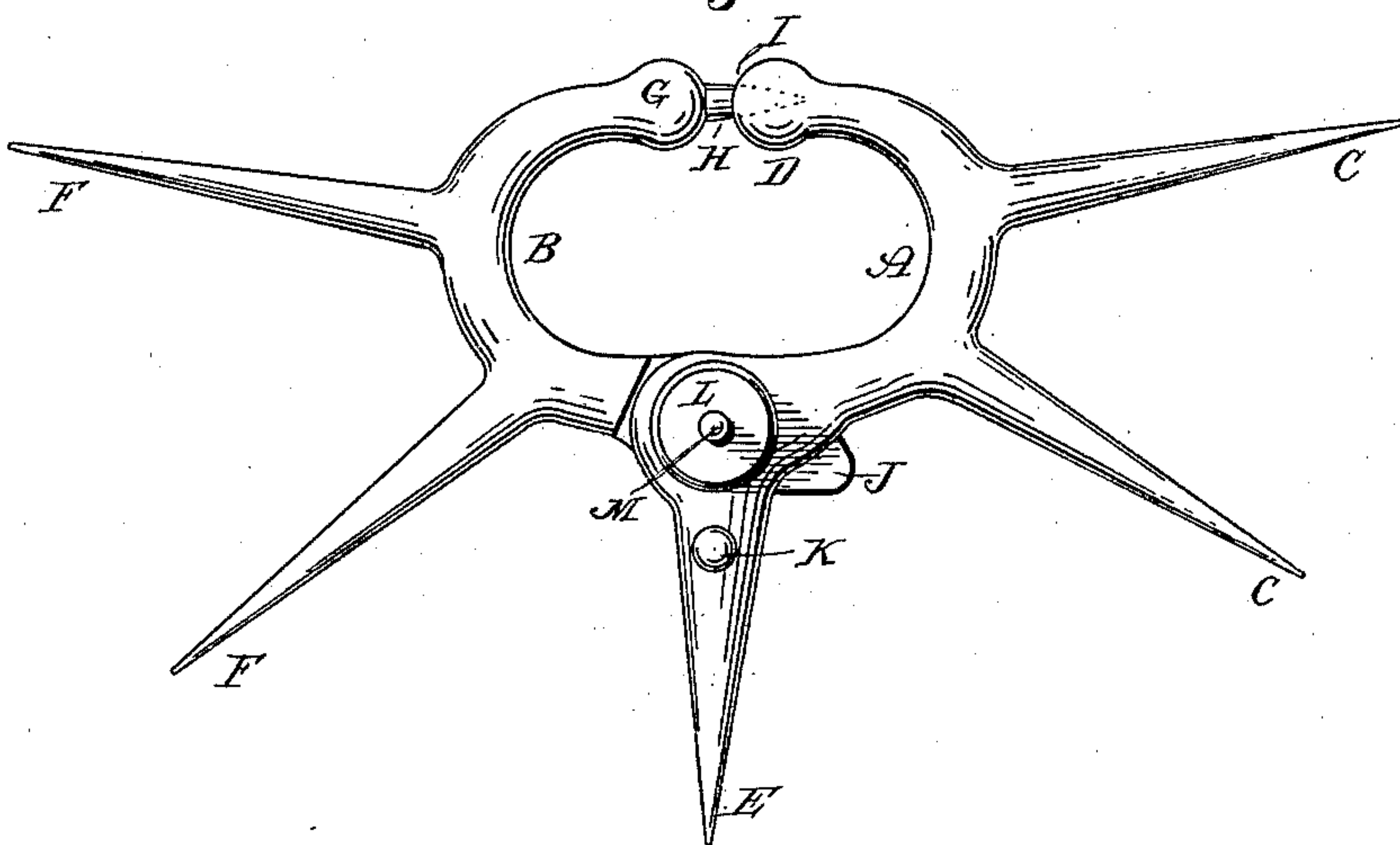
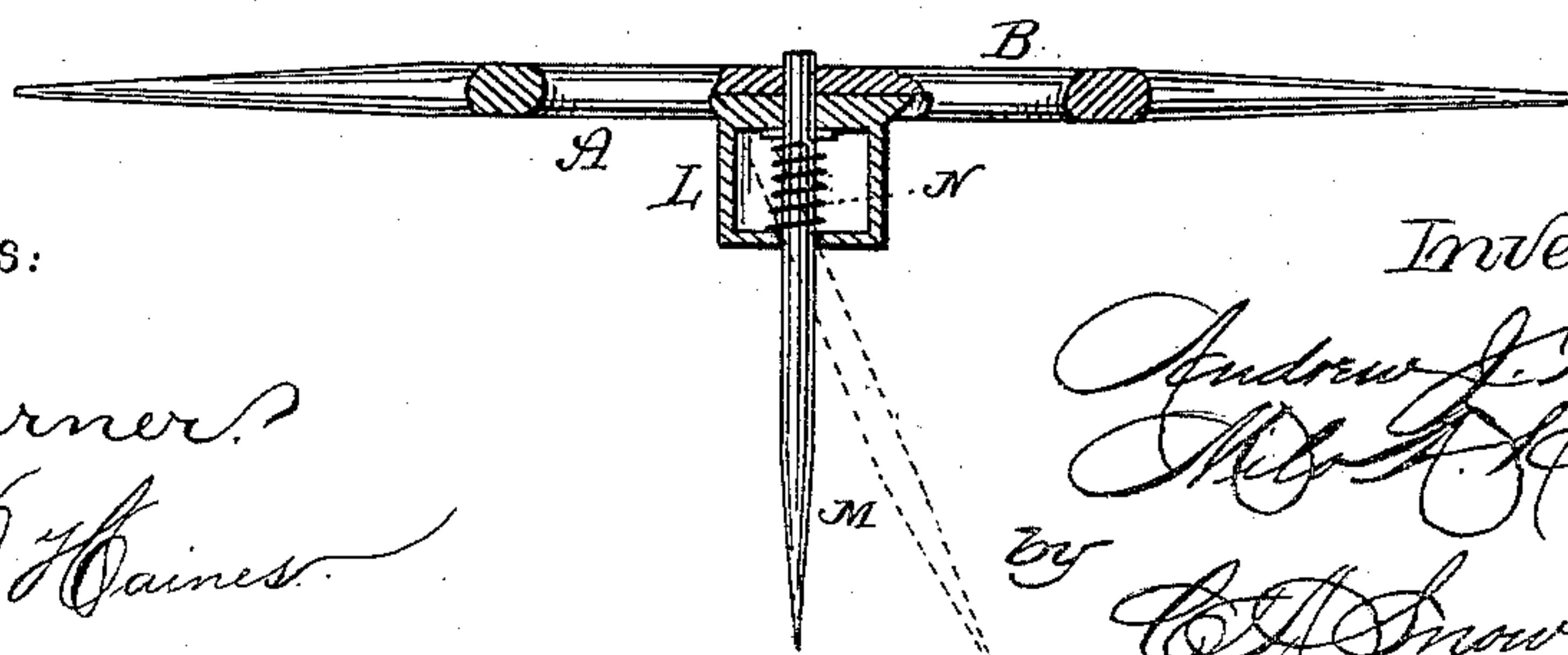


Fig. 3.



Witnesses:

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UNITED STATES PATENT OFFICE.

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CALF-WEANER.

SPECIFICATION forming part of Letters Patent No. 257,253, dated May 2, 1882.

Application filed January 30, 1882. (No model.)

To all whom it may concern:

Be it known that we, ANDREW J. TAYLOR and MILO A. HAMILTON, of Frankfort, in the county of Marshall and State of Kansas, have invented certain new and useful Improvements in Calf-Weaners; and we do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

Figure 1 is a perspective view, showing the weaner open and ready for adjustment. Fig. 2 is a plan view, showing it closed; and Fig. 3 is a vertical sectional view.

Corresponding parts in the several figures are denoted by like letters of reference.

This invention relates to calf-weaners; and it consists in certain improvements in the construction of the same which will be hereinafter fully described, and particularly pointed out in the claims.

In the drawings hereto annexed, A and B represent the sides or parts constituting our improved calf-weaner. The part A is provided with outward-projecting barbs C C. At its upper end it has a ball or bulb, D, and at its lower end a downward-projecting stem, E. The part B is provided with outward-projecting barbs F. At its upper end it has a ball or bulb, G, provided with a sharp-pointed prong or barb, H, adapted to enter a recess, I, in the ball D of part A, and at its lower end it has a downward-projecting flattened barb, J, by which it is hinged to the stem E of part A by means of a pin, K. The lower end of the part A has a forwardly-extending tubular projection, L, in which a pin, M, pointed or barbed at its front end, is fitted to slide longitudinally, said pin being forced in an inward or rearward direction by a suitably-arranged coiled spring, N. The inner or rear end of the latch pin or barb M is adapted to engage an opening or perforation, O, in the part B, which may thereby be locked securely in relation to part A.

In the upper or front side of part B, adjoining the perforation O, is a segmental groove or recess, P, adapted to receive a lip, Q, formed at the lower end of the body of part B. When the latch-pin M is disengaged from the opening O and the parts A and B are opened or

drawn apart the lip Q will pass through the groove P, and, striking the side of opening O, will prevent the parts A B from swinging open any farther. The part A is provided near the pivoting-point with a flange, R, adapted to overlap the corresponding portion of the part B when the device is closed, and thus secure the parts more firmly in relation to each other. When the pin M is partly withdrawn so as to unlock the parts A B it may be placed in an inclined position, as shown in dotted lines in Fig. 3, and supported upon the bottom of the tubular extension L, thus enabling the device to be more conveniently manipulated.

The operation of our invention will be readily understood from the foregoing description, taken in connection with the drawings hereto annexed. It is simple, inexpensive, and easily adjusted upon or removed from the nose of the calf.

Having thus described our invention, we claim and desire to secure by Letters Patent of the United States—

1. The combination of the part A, having perforation O and segmental groove or recess P, with the hinged part B, having latch-pin M and lip Q, substantially as and for the purpose set forth.

2. In a calf-weaner, the combination, with the barbed part A, having stem E, of the barbed part B, hinged to said stem, and having flange R, overlapping the corresponding portion of part A, substantially as and for the purpose set forth.

3. As an improvement in calf-weaners, the combination, with the part A, having barbs C, ball D, provided with recess I, stem E, perforation O, and groove P, of the hinged part B, having barbs F, ball G, provided with prong H, flattened barb J, spring latch-pin M, lip Q, and flange R, all substantially as herein shown and described, for the purpose specified.

In testimony that we claim the foregoing as our own we have hereto affixed our signatures in presence of two witnesses.

ANDREW J. TAYLOR.
MILO A. HAMILTON.

Witnesses:

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C. R. ALLEN.