

(No Model.)

R. L. RICKMAN.

CALF WEANER.

No. 365,538.

Patented June 28, 1887.

Fig. 1.

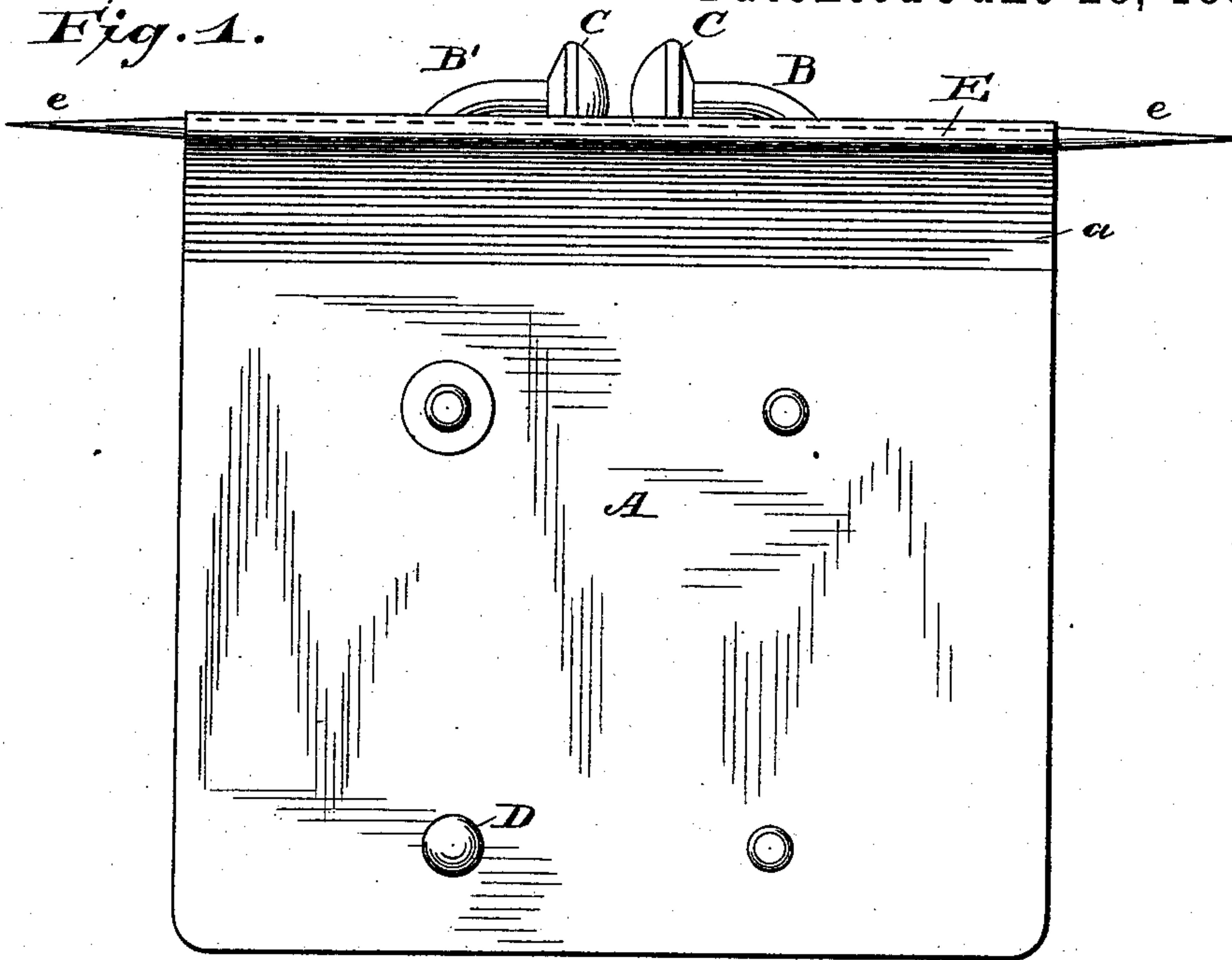


Fig. 2.

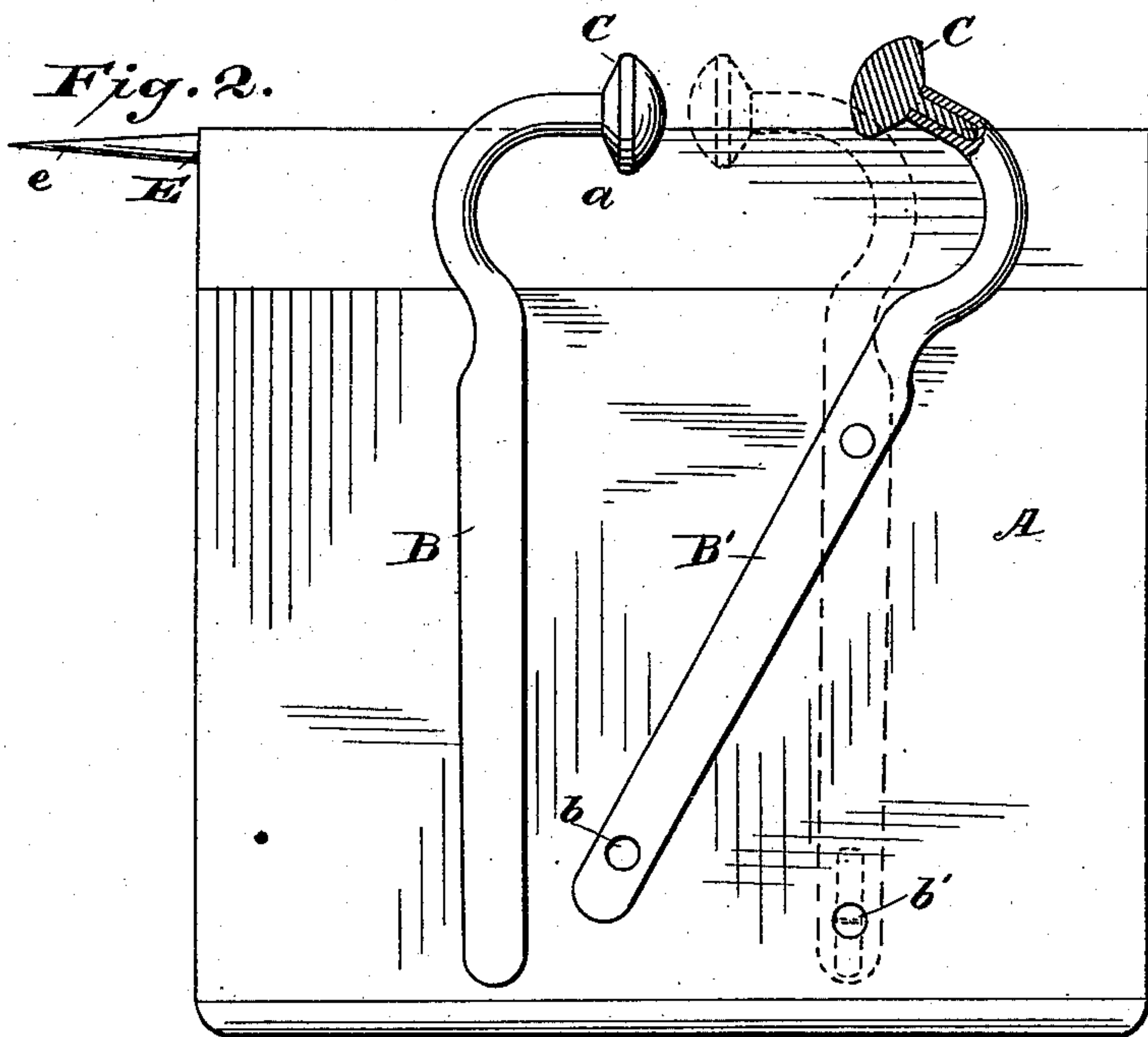
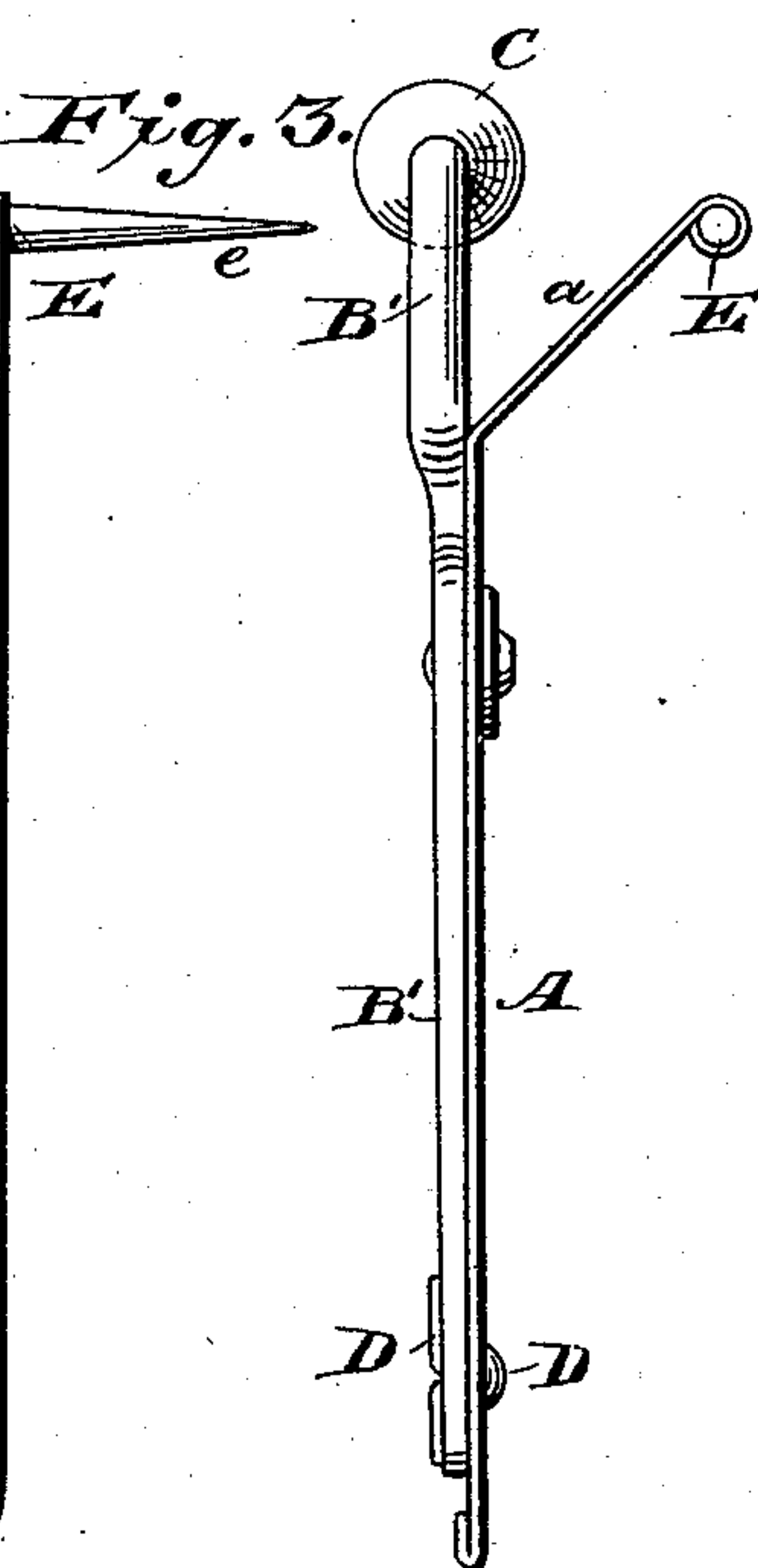


Fig. 3.



WITNESSES:

George Binstenburgh
C. M. Clark

INVENTOR:

R. L. Rickman
BY *Munn & Co*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

ROBERT L. RICKMAN, OF GRAHAM, TEXAS.

CALF-WEANER.

SPECIFICATION forming part of Letters Patent No. 365,538, dated June 28, 1887.

Application filed April 27, 1887. Serial No. 236,314. (No model.)

To all whom it may concern.

Be it known that I, ROBERT L. RICKMAN, of Graham, in the county of Young and State of Texas, have invented a new and Improved Calf-Weaner, of which the following is a full, clear, and exact description.

My invention relates to an improvement in calf-weaners, and has for its object to provide a cheap, simple, easily-applied, and effective device; and the invention consists in the construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claim.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a front elevation of the device in a locked position. Fig. 2 is a rear elevation of the same, partly in section, in position for application; and Fig. 3 is an edge view of the device.

In carrying out the invention a plate, A, is provided of any desired shape, preferably rectangular, and constructed of galvanized iron or other light yet strong and stiff material, bent upon itself at the top at an angle of about forty-five degrees to form the inclined portion *a*, to the top of which inclined portion a rod, E, is longitudinally attached, adapted to project outward from each side about an inch and provided with sharpened ends *e*. At each side the center of said plate arms B B' are vertically attached, the upper ends of which arms, extending above the vertical portion of said plate, are curved outward and inward toward each other in the same horizontal plane and made to terminate in enlarged ends or buttons C. The buttons need not necessarily be integral with the arms, but may, if found desirable, be secured thereto in any approved manner, and the normal distance between the

buttons is slightly less than the thickness of the cartilage of a calf's nostril. The arm B is rigidly attached to the plate, while the arm B' is pivoted thereto near its upper end and provided with an aperture, *b*, at its lower end, adapted to register with a similar aperture, *b'*, in the plate when the arm is in a vertical position, in which position it is held by a pin, D, passing through the apertures *b b'*, and secured upon the opposite side in any suitable manner.

In operation the arm B' is freed at the lower end, as shown in Fig. 2, and the buttons C placed at each side of the cartilage of the nostril. The arm is then carried to a vertical position and secured, the nostril being thereby lightly clamped by the buttons, and the plate is held in suspension over the mouth. This plate effectually prevents the animal from drawing milk from the mother, as the pointed rod pricks the mother when the calf comes in contact with her, and the inclined portion *a* does not permit the weaner to be thrown up over the nose.

It will also be observed that the device does not interfere in the least with grazing or drinking with the head down.

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

A calf-weaner consisting of the plate A, provided with an upper inclined portion, *a*, in which is held a rod, E, having pointed projections *e*, a vertical fixed arm, B, and an opposing pivoted arm, B', the upper ends of the said arms being curved toward each other and provided with opposing aligning buttons C, and means for locking the pivoted arm B', substantially as shown and described.

ROBT. L. RICKMAN.

Witnesses:

H. J. MARTYN,
CHAS. O. JOLINE.