

No. 741,921.

PATENTED OCT. 20, 1903.

J. H. MILLER.
HOPPLE FOR COWS.
APPLICATION FILED FEB. 4, 1903.

NO MODEL.

Fig. 1.

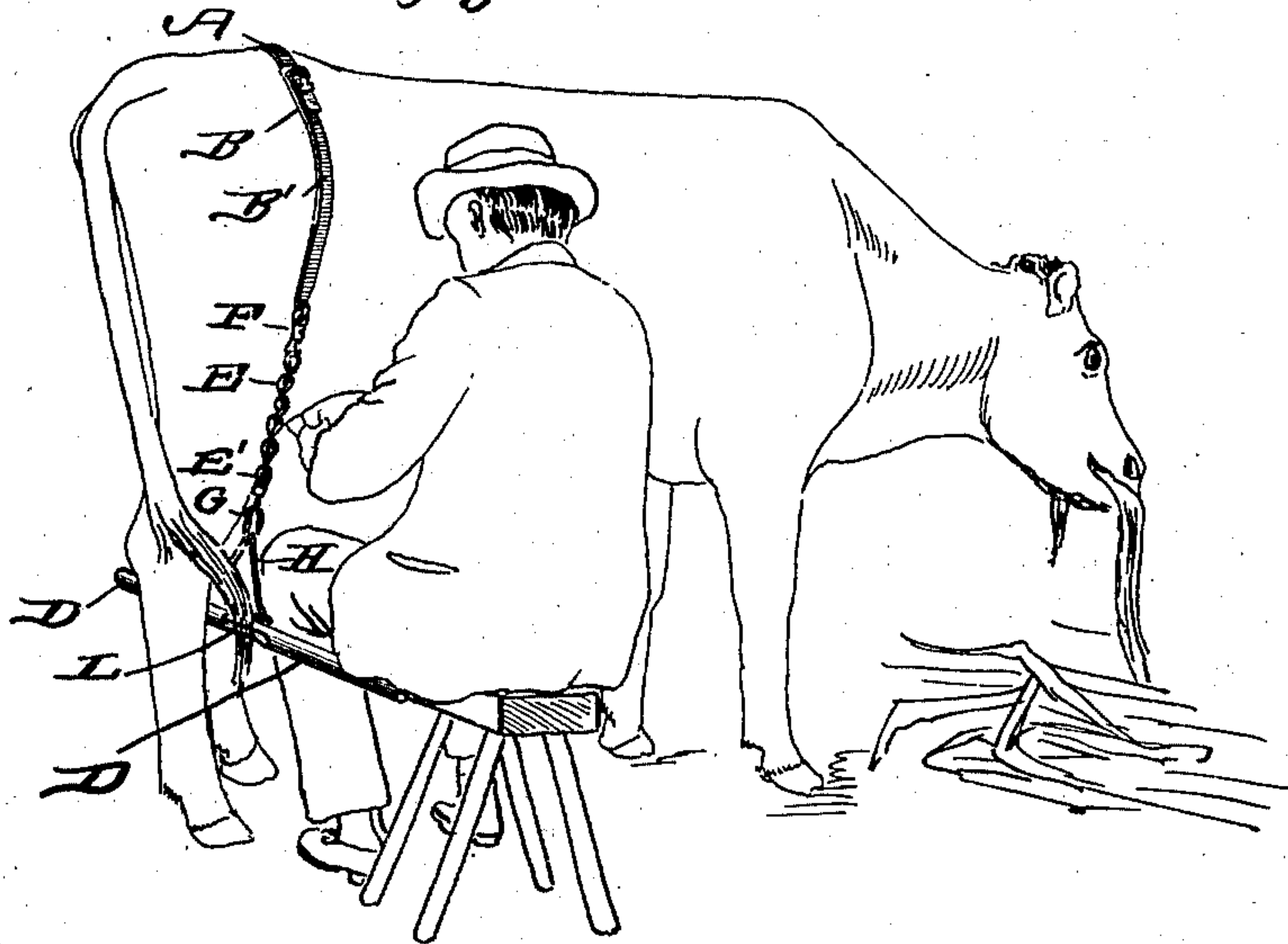


Fig. 3.

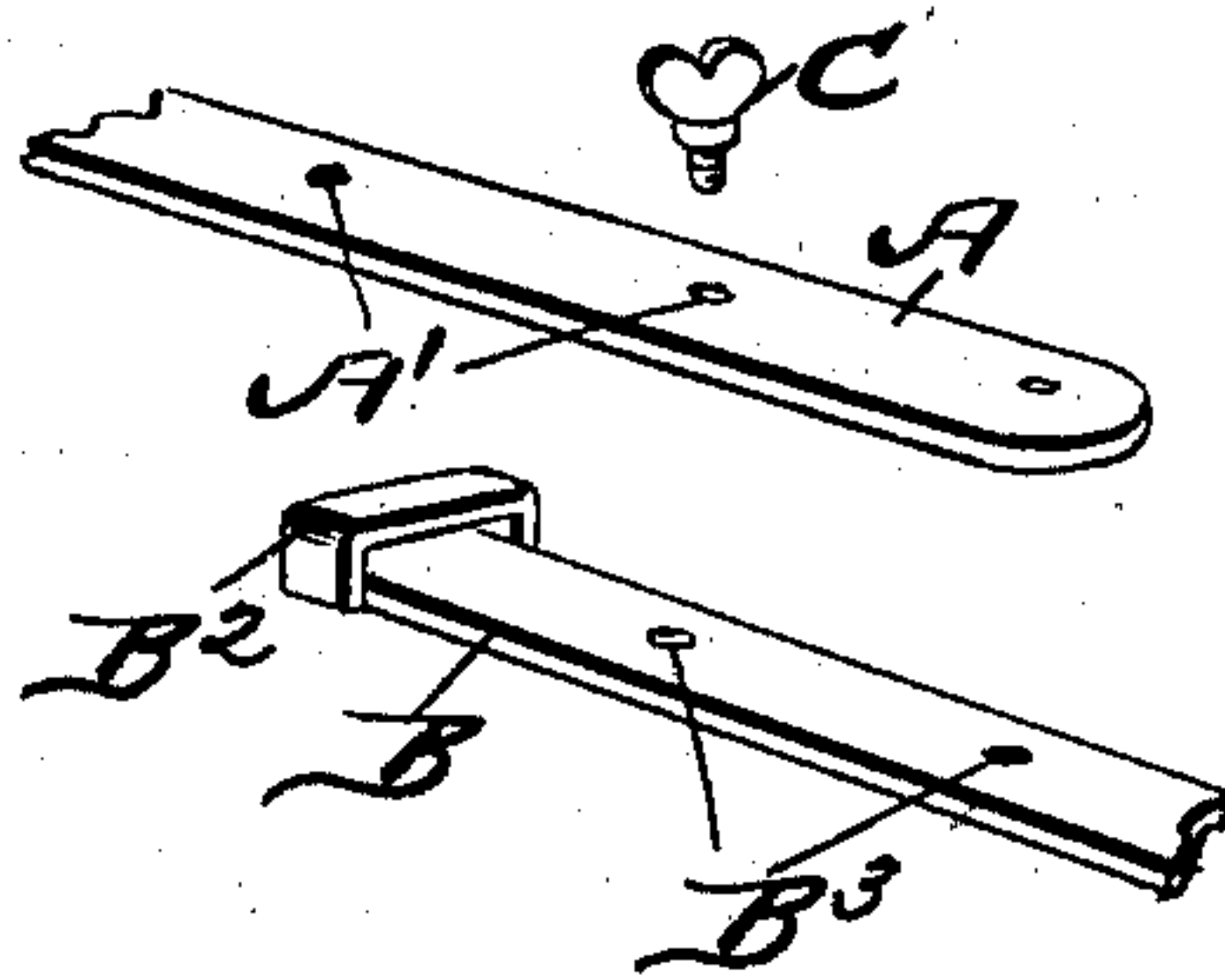


Fig. 4.

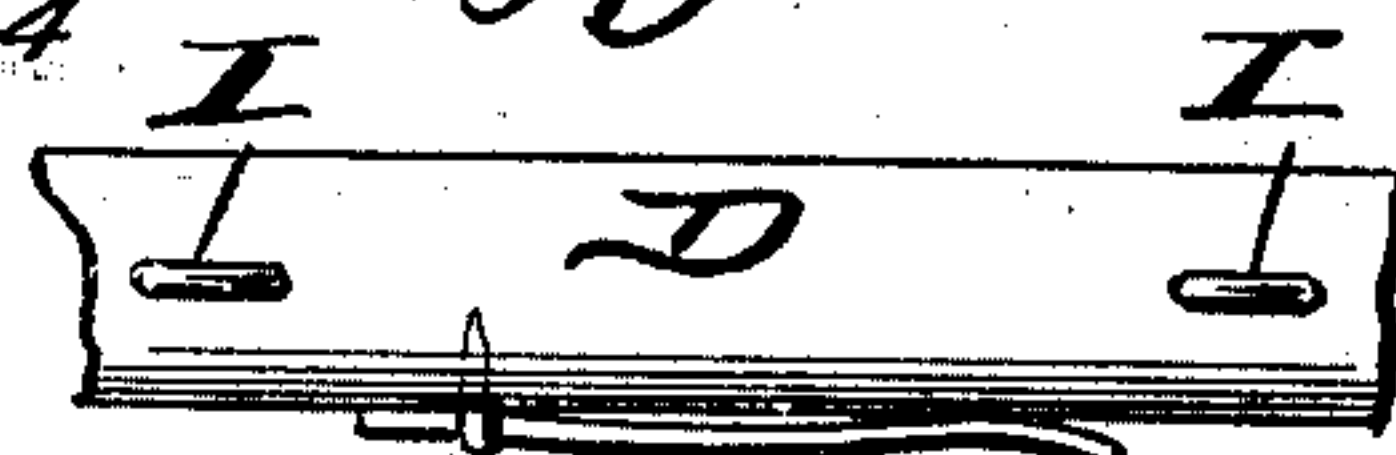
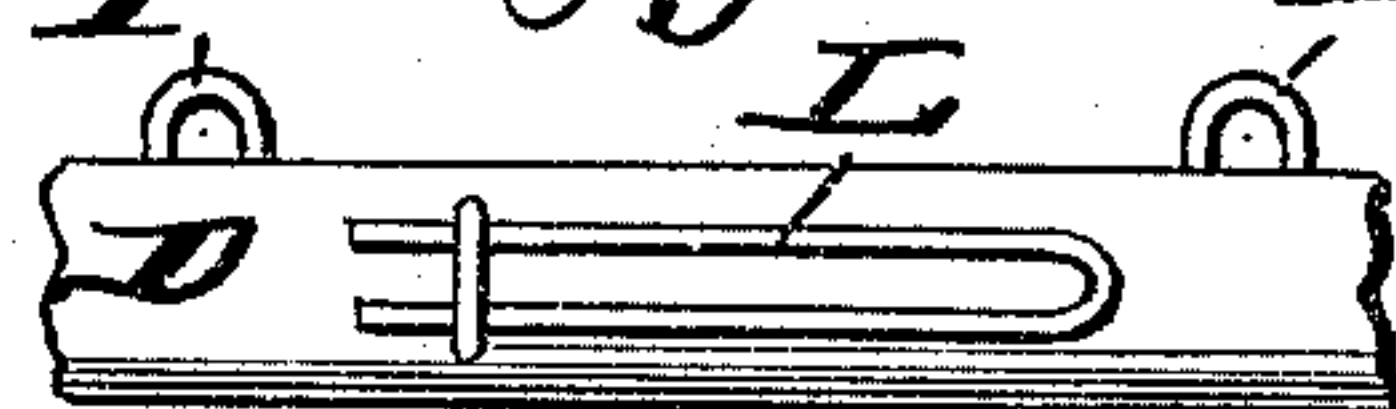


Fig. 5.



Inventor

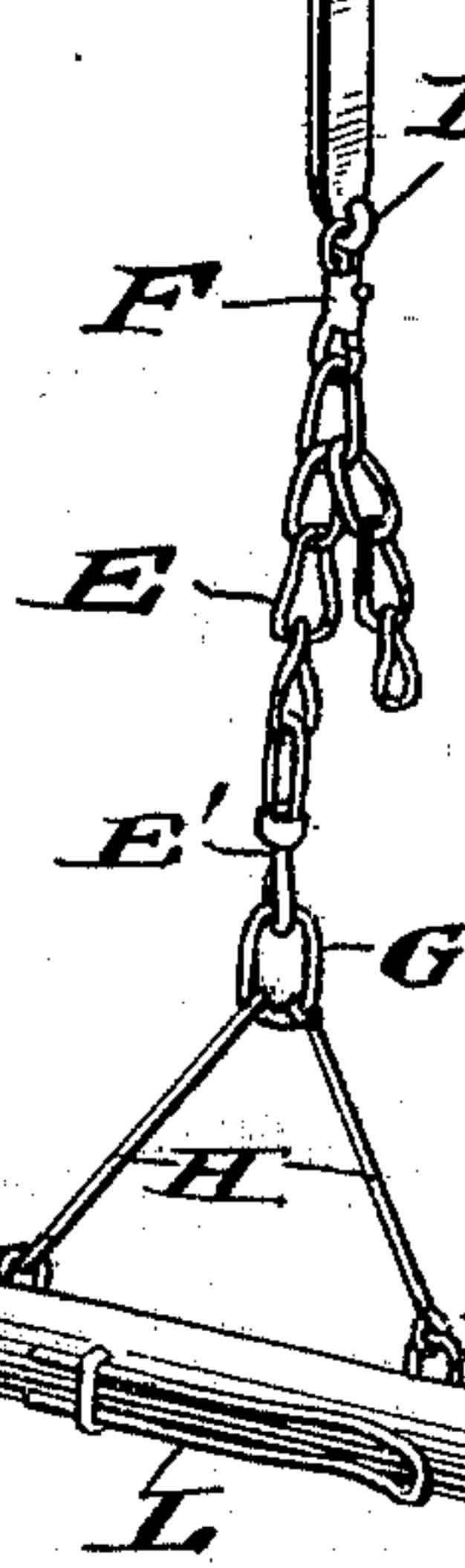
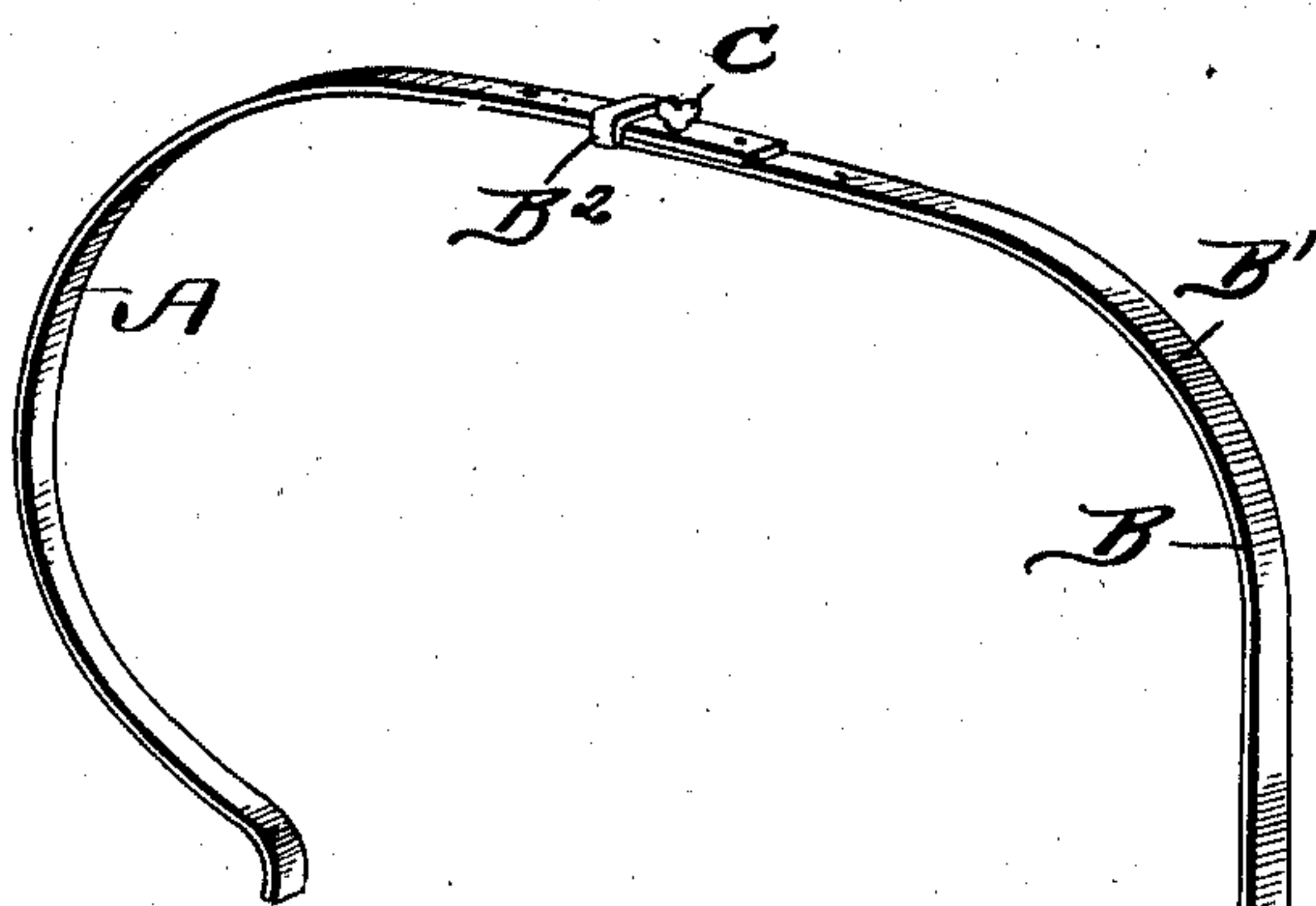
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Fig. 2.



Witnesses

M. S. Blonard,
Charles Thayer

UNITED STATES PATENT OFFICE.

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HOPPLE FOR COWS.

SPECIFICATION forming part of Letters Patent No. 741,921, dated October 20, 1903.

Application filed February 4, 1903. Serial No. 141,907. (No model.)

To all whom it may concern:

Be it known that I, JOHN HENRY MILLER, a citizen of the United States, residing at Dora, in the county of Coos and State of Oregon, have invented a new and useful Hopple for Cows, of which the following is a specification.

This invention is an improved hopple for cows, the object of the invention being to provide a cheap and simple device specially adapted for holding the hind legs of a cow, also the tail of the cow, while milking, thereby preventing the animal kicking over the bucket and also preventing said animal switching its tail.

Another object of the invention is to provide a device of this kind which can be adjusted so as to fit any and all sizes of animals.

With these objects in view the invention consists, essentially, of two metallic bands adjustably connected to each other, one of said bands being curved and adapted to fit the back and flank of the cow, the other band extending down the side of the cow and having a pole suspended therefrom, said pole being adapted to be inserted horizontally between the legs of the cow adjacent to the hoofs, said pole being provided with means to prevent the movement of the cow and also with a clasp for holding the end of the cow's tail to the pole.

The invention consists also in certain details of construction and novelties of combination, all of which will be fully described hereinafter and pointed out in the claims.

In the drawings forming a part of this specification, Figure 1 is a perspective view illustrating the practical application of my invention. Fig. 2 is a detail perspective view of a hopple constructed in accordance with my invention. Fig. 3 is a detail view showing the manner of connecting the ends of the metallic bands. Fig. 4 is a detail view showing in top plan a portion of the pole. Fig. 5 is a detail side elevation of the same portion of the pole.

In carrying out my invention I employ two metallic bands A and B, the band A having considerable of a curve, as shown, and adapted to fit closely into the flank of the cow. The band B is curved at B', so that its lower end will extend downwardly in a substantially vertical position. The upper end of the band

A has a series of apertures A', and the band B has a box-loop B², through which the end of the band A is adapted to pass, and this band is also provided with a series of apertures B³ adjacent to the box-loop, and in order to connect the overlapping ends of the band I employ a thumb-screw C, which is adapted to pass through the band A into the band B, and by having a plurality of apertures any desired adjustment can be had, and the device can be made to fit animals of different sizes. A pole D of suitable size and shape is suspended from the lower end of the band B, said pole being suspended through the medium of a chain E, which is engaged by a snap-hook F, carried by the hook B⁴, formed upon the lower end of the band, and this chain E has a swivel E', which is connected to a ring G, to which the link-rods H are attached, said link-rods being in turn connected to the staples I, driven into the upper face of the pole D, adjacent to the end which is arranged close to the person doing the milking. The opposite end of the pole is inserted between the legs of the animal adjacent to the hoofs, the left hind leg being advanced a slight distance, as most clearly shown in Fig. 1, and a pin K, carried by the pole adjacent to the end, will prevent the animal moving the left leg beyond the end of the pole. That end of the pole to which the staples are attached preferably bears against the leg of the operator, and by exerting a slight pressure upon the pole it can be held in its proper position at all times.

A spring-clasp L is arranged upon the rear face of the pole, said clasp being adapted to receive the end of the tail, holding it in place and preventing the cow switching the same.

By means of a chain E and snap-hook F the horizontal position of the pole D can be easily regulated.

A hopple constructed as herein shown and described can be quickly and easily adjusted and after having been so adjusted can be placed upon the animal and will effectively prevent the said animal moving either of the hind legs or switching the tail, and in this manner the animal will be prevented from kicking the bucket and also from striking the operator.

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

5 1. A hopple comprising a pole adapted to be held horizontally between the hind legs of the cow and the suspending device adapted to be arranged upon the back of the cow for the purpose of holding the pole, as specified.

10 2. A hopple comprising a pole having a forwardly-projecting pin adjacent to one end, adjustable straps adapted to be arranged upon the back of the animal and the adjustable connection between the strap and pole for the purpose specified.

15 3. A hopple comprising a pole having a forwardly-projecting pin at one end and the spring-clasp adjacent to the opposite end, of adjustable bands adapted to be arranged upon the back of the animal, the snap-hook,

chain and link connections for connecting 20 the lower end of the band to the pole, as specified.

4. A hopple comprising a curved band A having a plurality of apertures adjacent to its upper end, a band B having a box-loop at its 25 upper end and also a plurality of apertures, a thumb-screw adapted to connect the overlapping ends of the said bands, a pole having a pin arranged adjacent to one end and a spring-clasp adjacent to the opposite end, the 30 staples fitting in the pole, the link-rods connected to the staples, the chain connected to the ring, and means for connecting the chain to the lower end of the band B, as specified.

JOHN HENRY MILLER.

Witnesses:

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HENRY WHITE.