

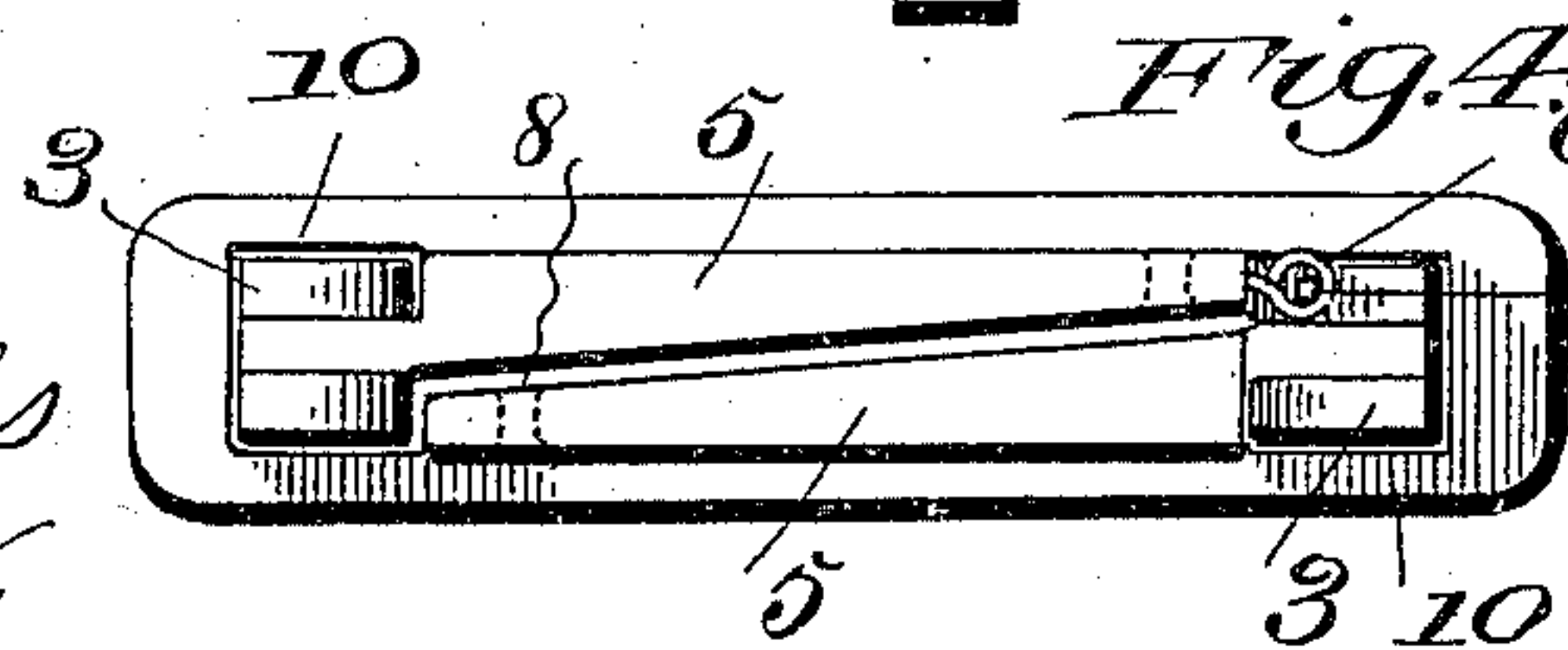
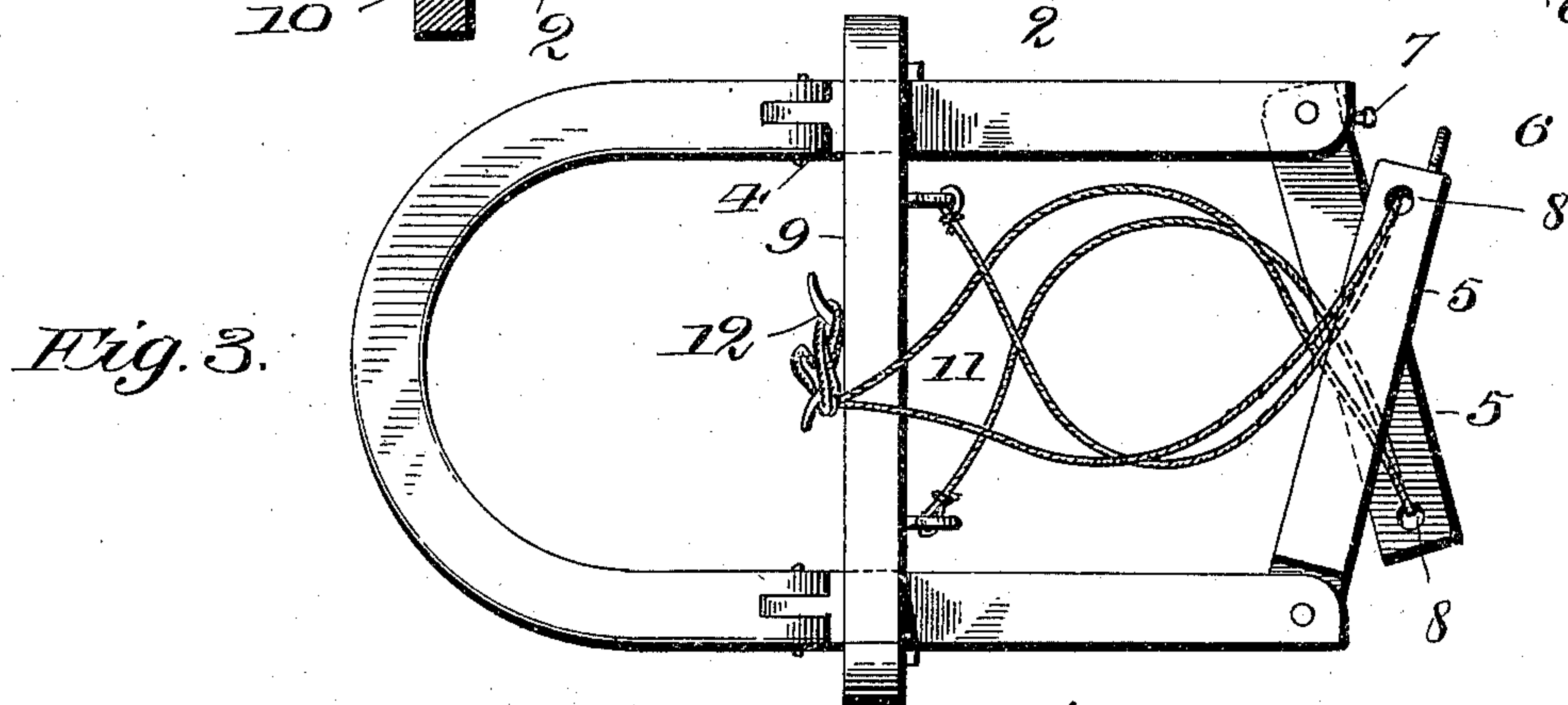
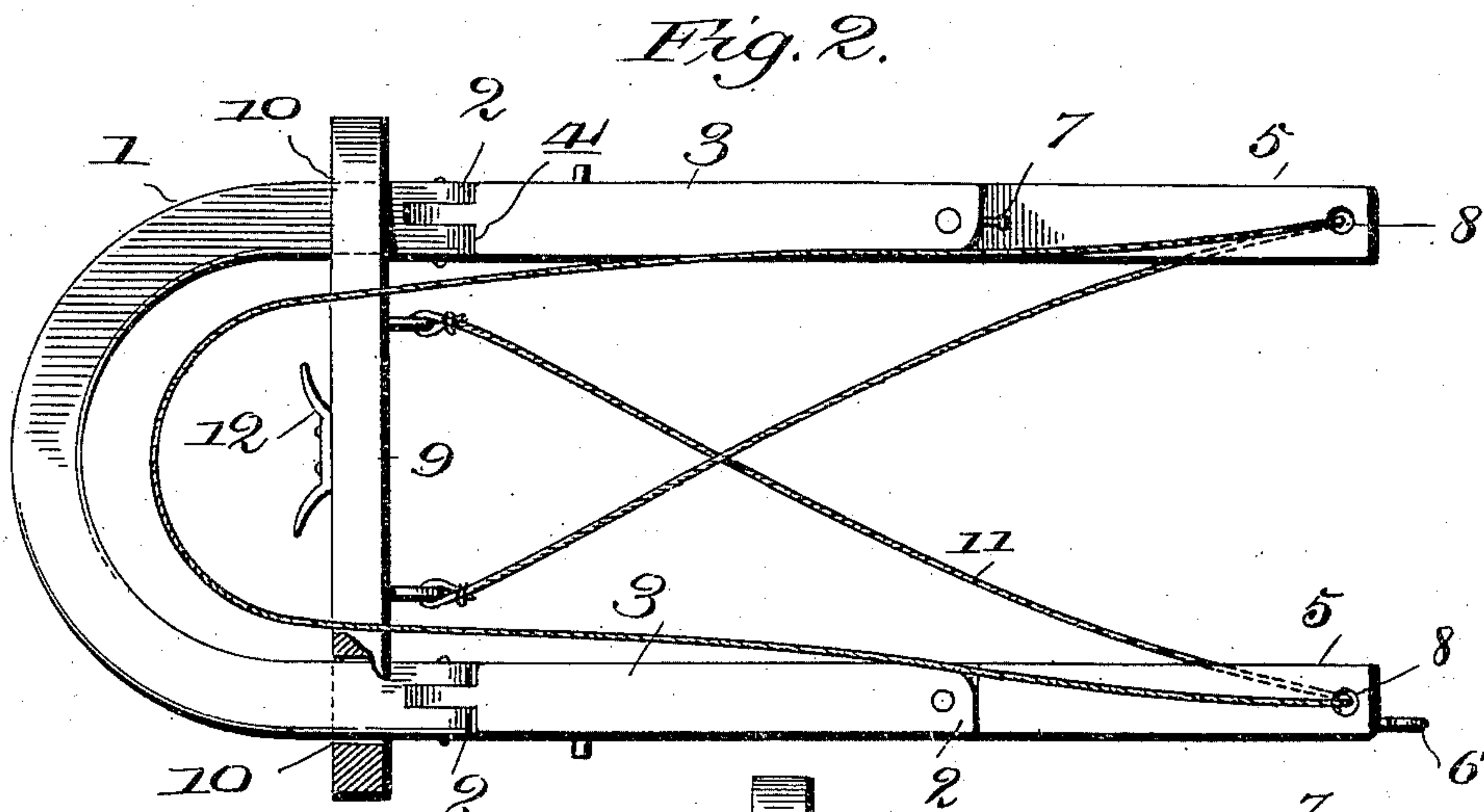
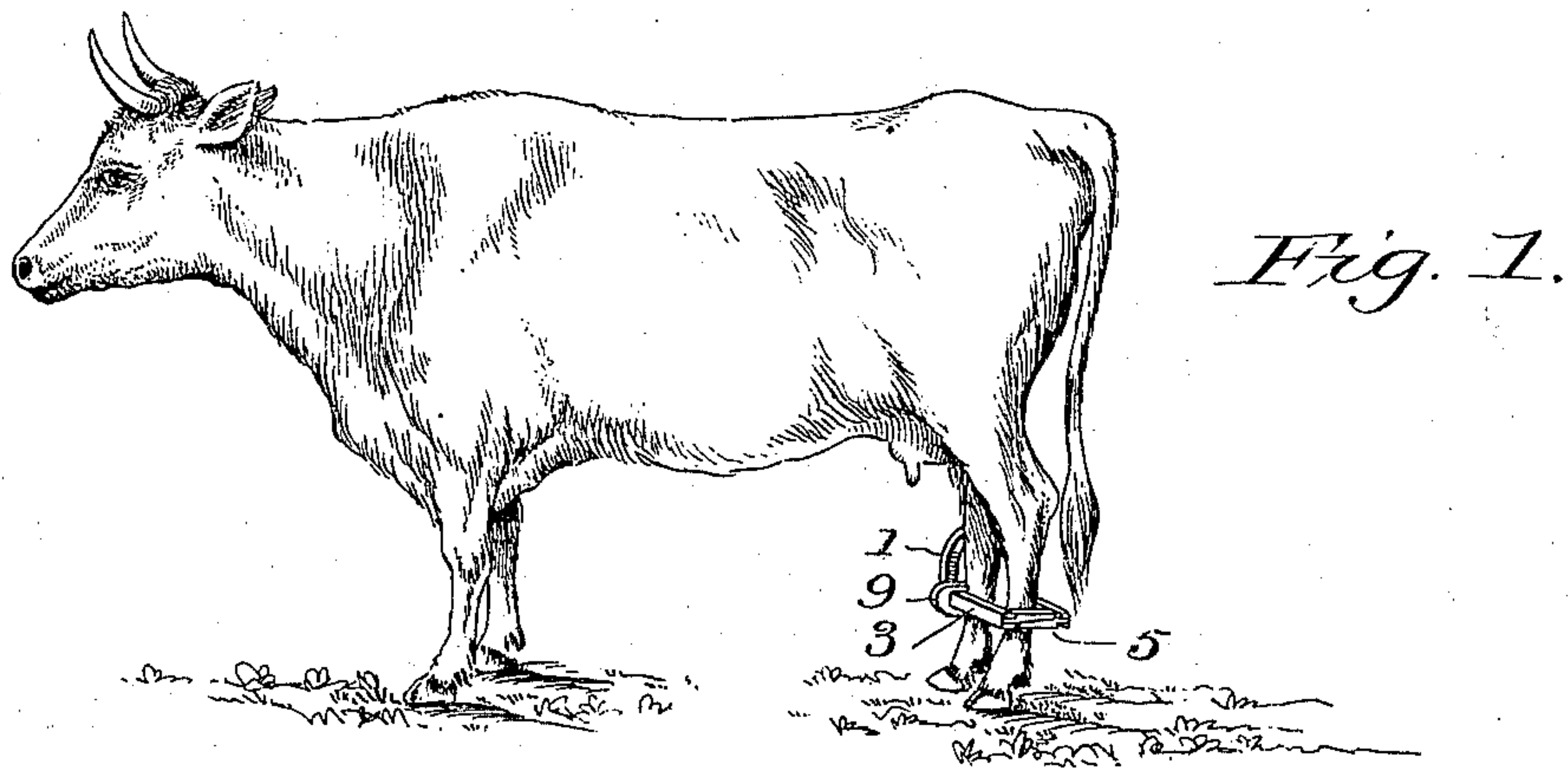
No. 616,374.

Patented Dec. 20, 1898.

W. VANDORN.
ANTI COW KICKER.

(Application filed June 17, 1898.)

(No Model.)



Witnesses
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UNITED STATES PATENT OFFICE.

WILLIAM VANDORN, OF UTE, IOWA.

ANTI-COW-KICKER.

SPECIFICATION forming part of Letters Patent No. 616,374, dated December 20, 1898.

Application filed June 17, 1898. Serial No. 683,708. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM VANDORN, a citizen of the United States, residing at Ute, in the county of Monona and State of Iowa, have invented certain new and useful Improvements in Anti-Cow-Kickers; and I do hereby 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.

The object of my invention is to provide an antikicking attachment for cows to be applied previous to the milking operation for the purpose of preventing cows addicted to the habit of kicking from upsetting the pail or injuring the operator.

The invention consists of a yoke having pivoted arms thereon, a sliding member constituting a portion of a clamp having openings therein through which the ends of said yoke and said arms pass, and cords attached to said sliding member and passing through openings in the outer pivoted arms, whereby said clamping member may be drawn up into close contact with the leg of the animal.

The invention also consists in other details of construction, which will be hereinafter more fully described and claimed.

In the drawings forming a part of this specification, Figure 1 is a perspective view showing the application of my device to a cow. Fig. 2 is a plan view of a device disconnected from the cow with the parts in the position they assume before they are applied to the animal. Fig. 3 is a similar view showing the parts in the position they assume after the attachment has been applied, and Fig. 4 is an end elevation with the arms closed.

Like reference-numerals indicate like parts in the different views.

My improved device is made up of a yoke 1, having ears 2 in the outer ends thereof, between which and to which are pivoted arms 3 3, the same being adapted to move upwardly with respect to the yoke. Downward relative movement of the yoke 1 and the arms 3 is prevented by the engagement of the ends of the ears 2 with shoulders 4 on the arms 3. To the opposite ends of the arms 3 are pivoted supplemental arms 5 5, the same being

adapted to swing laterally or horizontally with respect to the arms 3. The end of one of the arms 5 is provided with an eye 6, adapted to fit around a pin or projection 7 upon the end of the opposite arm 3. Both of the arms 5 are further provided with openings 8 for a purpose which will presently appear.

In connection with the foregoing parts I employ a slide 9, which is provided with openings 10 10, conforming in shape to the yoke 1 and arms 3 in cross-section, but of slightly larger dimensions, the said slide being adapted to move longitudinally toward or from the arms 55. Connected to the slide 9 in any suitable manner is a cord 11, which passes through the openings 8 in the ends of the arms 5, being crossed at a point between the slide 9 and said arms. Upon the rear side of the slide 9 is a cleat 12 of any suitable construction.

Constructed as above described the operation of my device is as follows: With the parts in the position in which they are shown in Fig. 2 of the drawings the same are applied to the hind legs of a cow above the hock, the arms 3 3 being located upon the front and rear sides, respectively, of the legs. When it has been passed around said legs, the arms 5 5 are folded inwardly, as shown in Fig. 1, again crossing the strands of the cord at a point adjacent to the arms 5. When said arms are closed, further inward movement thereof is prevented by the engagement of the eye 6 with the pin or projection 7, and the legs of the cow are located between the two crossed portions of the cord 11. The free end of the cord is then drawn rearwardly, which action forces the slide 9 up toward the side of one of the legs, and said slide is then locked by winding the cord 11 around the cleat 12 on the rear side thereof. The yoke 1 is then folded up into a vertical position along the side of the leg of the cow, so that it is out of the way of the operator.

By the construction described it will be seen that I have produced a device which will effectually hold the cow's legs together, which is readily applied and removed, and which will not injure the animal to which it is applied, no contact being had between the rigid portions of the device and the legs.

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

1. An antikicking attachment for the legs
5 of cows and other animals, consisting of a yoke, a slide thereon, and means for adjusting the slide on said yoke.

2. An antikicking attachment for cows and
10 other animals, consisting of a yoke, a slide thereon, means for moving said slide, and means for locking the same in its adjusted position.

3. An antikicking attachment for cows and
15 other animals consisting of a yoke, a slide thereon, a cord attached to said slide for moving it on said yoke, and means for attaching the free end of said cord to said slide.

4. An antikicking attachment for cows and
20 other animals, comprising a yoke, main arms pivoted to the ends of said yoke, supplemental arms pivoted to the main arms, so that they are movable at right angles thereto, and provided with openings in their outer ends,

a slide, and a cord attached to said slide and passing through said openings, as and for the
25 purpose set forth.

5. An antikicking attachment for cows and
other animals, consisting of a yoke, main arms pivoted to the ends thereof, supplemental arms pivoted to the main arms so as to move at
30 right angles thereto, a pin on one of said main arms, an eye on the opposite supplemental arm adapted to fit over said pin when the latter is in its closed position, a slide having a cleat thereon, a cord attached to said
35 slide and passing through openings in the ends of said supplemental arms, said cord being crossed at a point between said slide and said arms, and adapted to be wound upon
40 said cleat.

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

WILLIAM VANDORN.

Witnesses:

GEO. REA,

J. R. HARKER.