

L. GOETSCHEL.

CALF WEANER.

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930,470.

Patented Aug. 10, 1909.

Fig. 1.

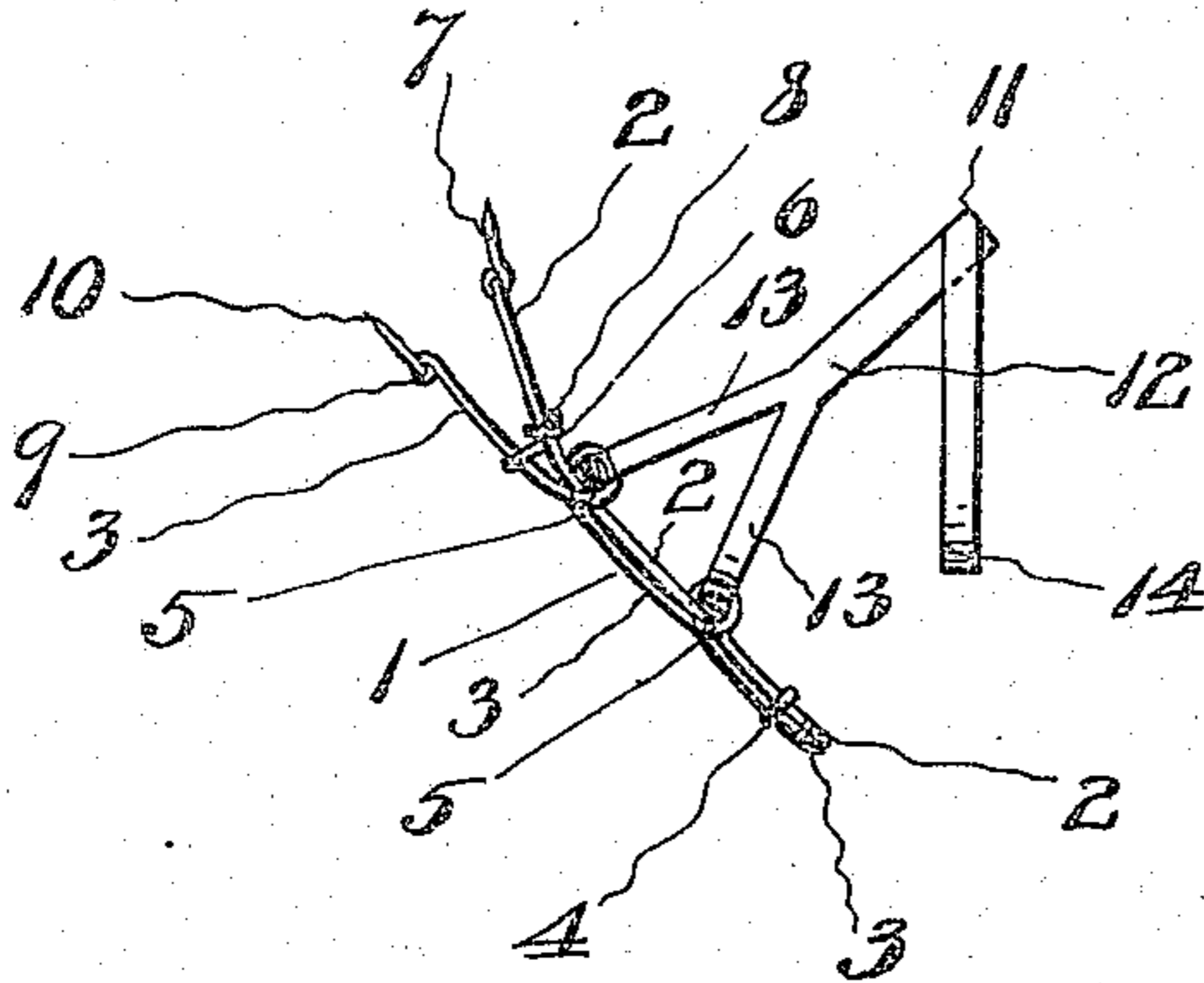


Fig. 2.

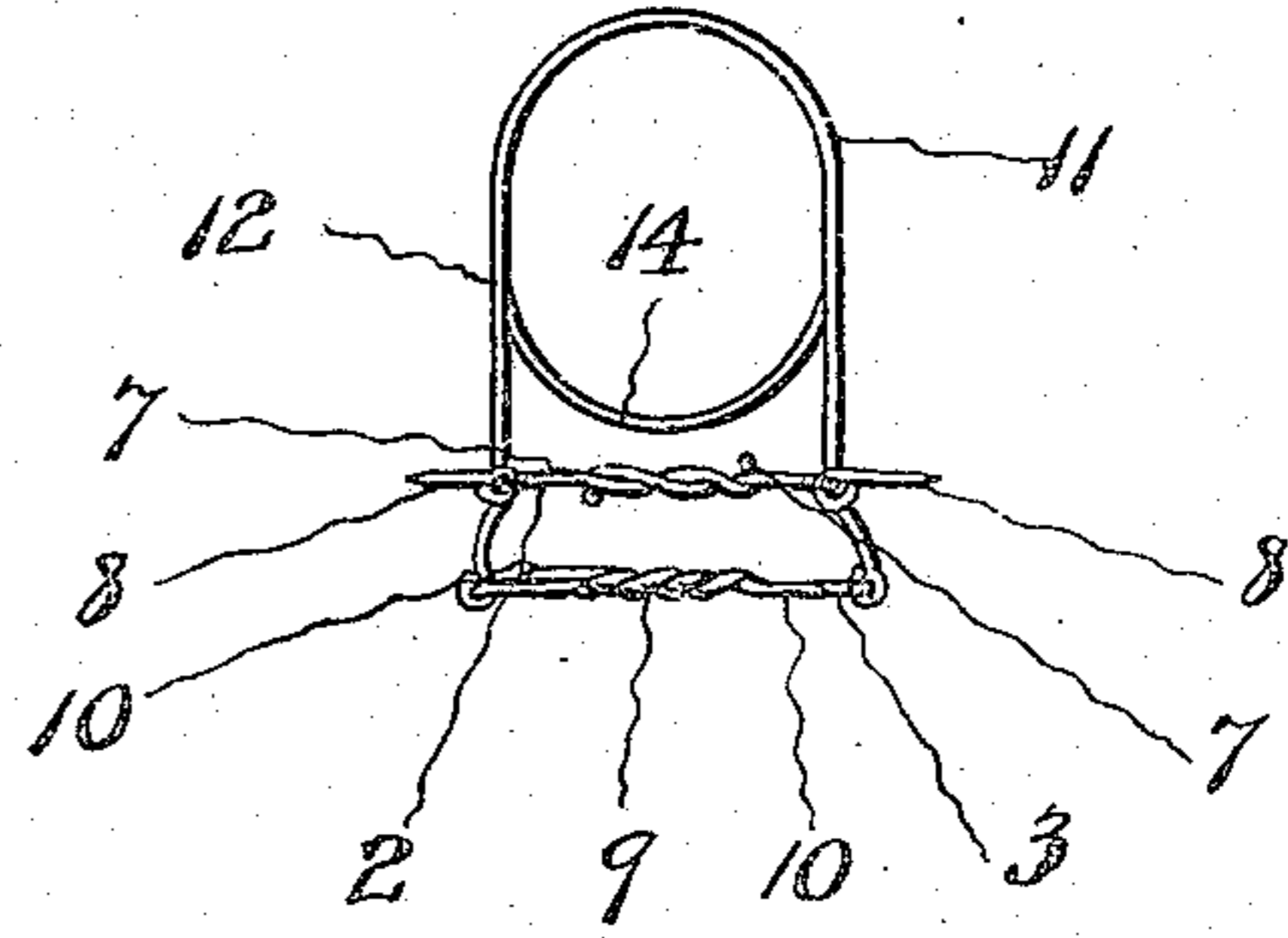


Fig. 3.

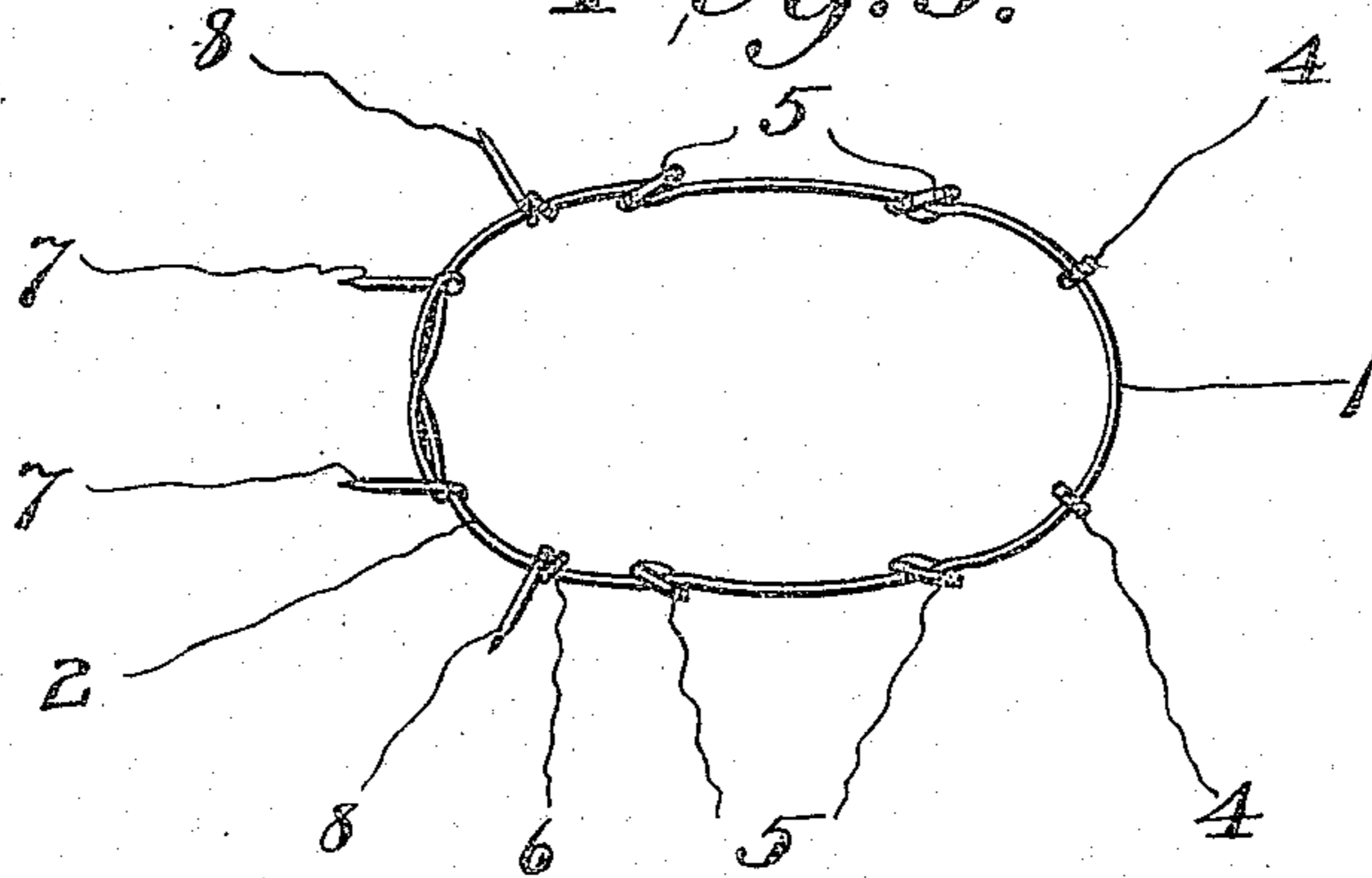
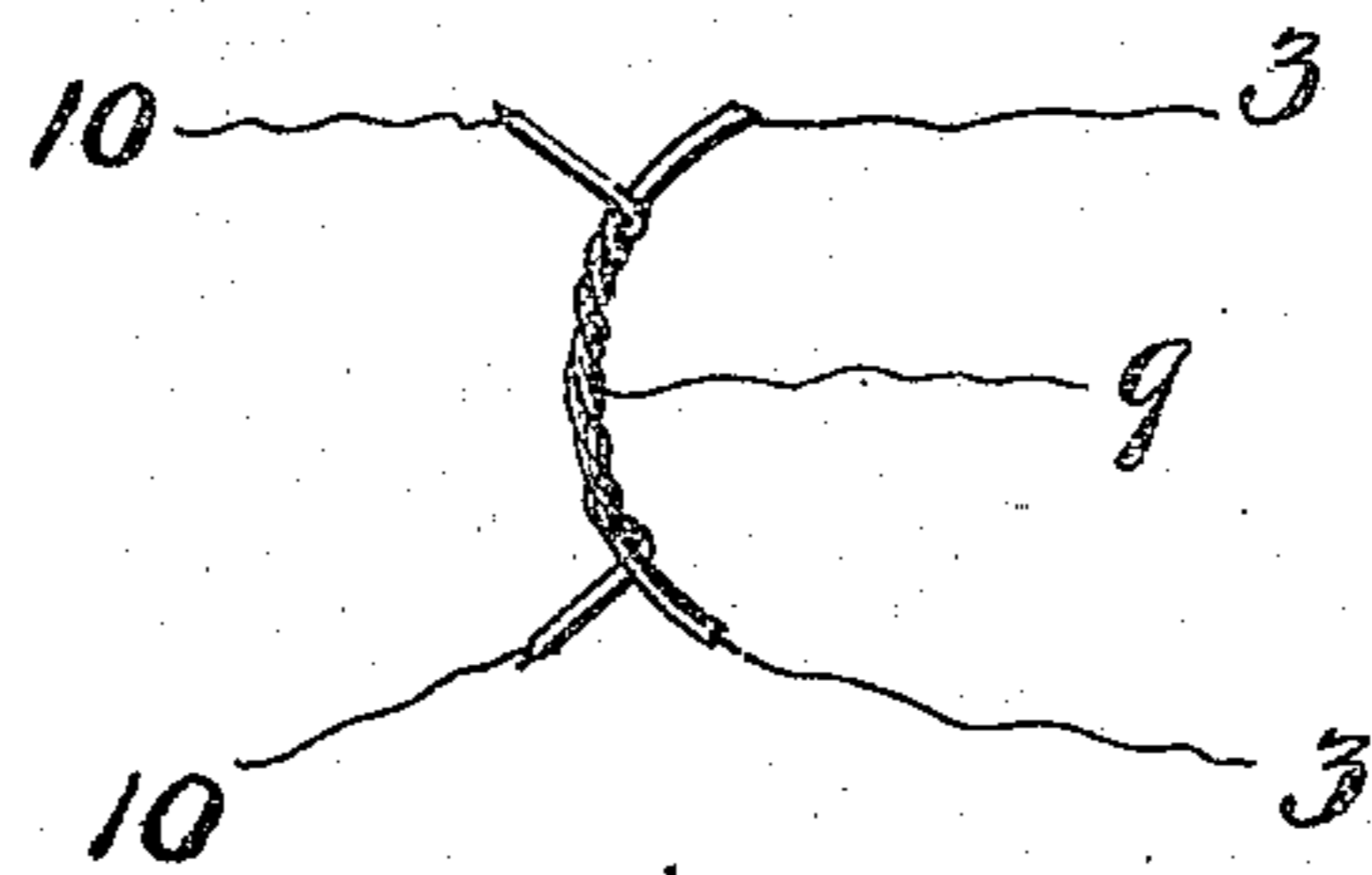


Fig. 4.



WITNESSES

Joseph H. Blackwood
W. C. Blackwood

INVENTOR:

Louis Goetschel
by James K. Polk
Attorney.

UNITED STATES PATENT OFFICE.

LOUIS GOETSCHER, OF OSAGE CITY, MISSOURI.

CALF-WEANER.

No. 930,470.

Specification of Letters Patent.

Patented Aug. 10, 1909.

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To all whom it may concern:

Be it known that I, LOUIS GOETSCHER, a citizen of the United States, and a resident of Osage City, in the county of Cole and State of Missouri, have invented certain new and useful Improvements in Calf-Weaners, of which the following is a full and complete specification.

My invention relates to calf-weaners, and has for its object the provision of a muzzle having a double nose-ring joined at the sides and under the jaws and separated over the nose, the upper ring having spikes on each side of the middle pointed directly in front on parallel planes, and other spikes at the sides extending at angles to the parallel spikes, while the lower ring has its front end twisted together and extended outwardly forming spikes with their bases approximately in line with the bases of the parallel spikes on the upper ring and extending on non-parallel planes outwardly. The lower ring is also formed with loops on each side to which the check-straps of a head-halter are secured.

My invention will be described in detail hereinafter and illustrated in the accompanying drawings, in which—

Figure 1 is a side view of my improved weaner; Fig. 2, a front view; Fig. 3, a top plan view of the nose ring; and Fig. 4, a bottom plan view.

In the drawings similar reference characters indicate corresponding parts in the several views.

My improved weaner has a nose-ring 1 consisting of two rings 2 and 3, made preferably of heavy wire, having the portion to fit under the animal's jaws joined together by rings 4, the sides of the lower ring 3 formed with loops 5, through which the upper ring 2 is laced and the front or upper portions of the ring separated by links 6. The upper ring 2 has spikes 7 secured to each side of the middle and extending for-

wardly on parallel planes, and other prongs 8 adjacent to the links 6 and extending at angles to the prongs 7. The front ends of ring 3 are twisted together, as shown at 9, and extended to form prongs 10, said prongs 10 having their bases approximately in line with the bases of prongs 7, but extended at an angle to one another. The prongs 7, 8, and 10 are placed as described, so that they most effectually operate in pricking the cow when the calf attempts to suckle her and driving her away.

The ring 1 is held in position by means of a head-halter 11, having the check-straps 12 formed with double ends 13, that are secured to loops 5.

14 indicates the throat-latch to secure the halter on the calf's head.

Having thus described my invention, what I claim is—

A calf-weaner comprising a nose-ring made of two strands of wire, one of said strands of wire formed with loops and the other strand laced through said loops, said strands secured together at the rear of said loops, links secured to the strands in front of the loops and holding them in a separated position, prongs secured to the upper strand at each side of said parallel prongs and extending at angles thereto, the other strand having its ends twisted together in front and extended outward by forming prongs with their bases approximately in line with the bases of the parallel prongs and extending on non-parallel planes, and a head-halter secured to the loops, substantially as shown and described.

In witness whereof, I have hereunto set my hand in presence of two subscribing witnesses.

LOUIS GOETSCHER.

Witnesses:

J. ED. BELCH,
JOHN BALFING.