No. 666,463. Patented Jan. 22, 1901.

T. BROADFOOT.

REPRESSOR.

(Application filed June 27, 1900.)

(No Model.)

Fig. 1.

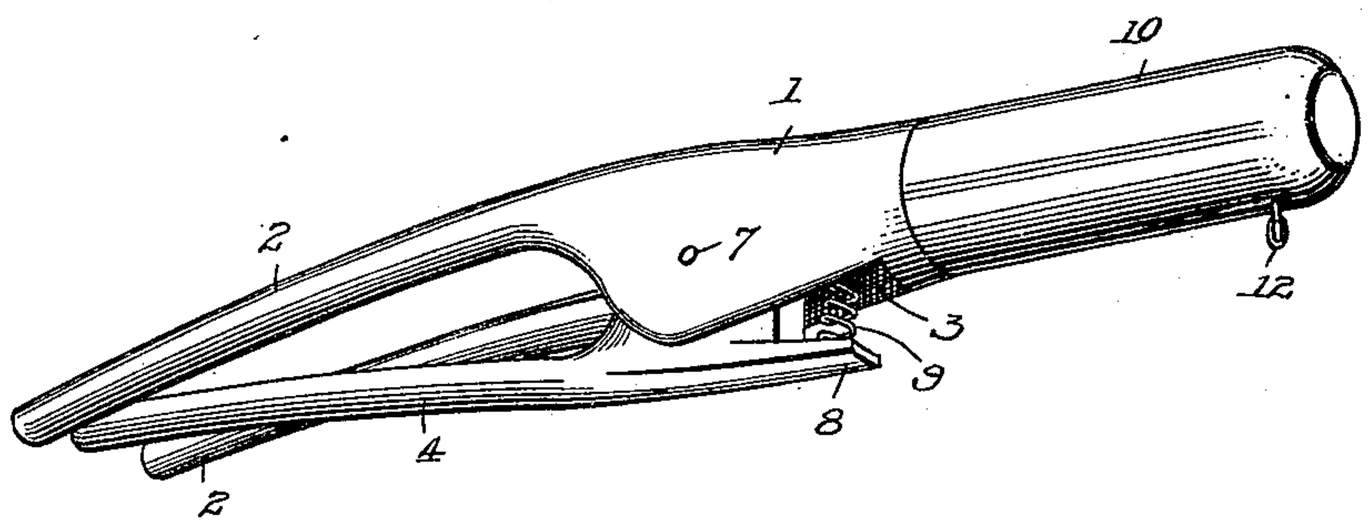
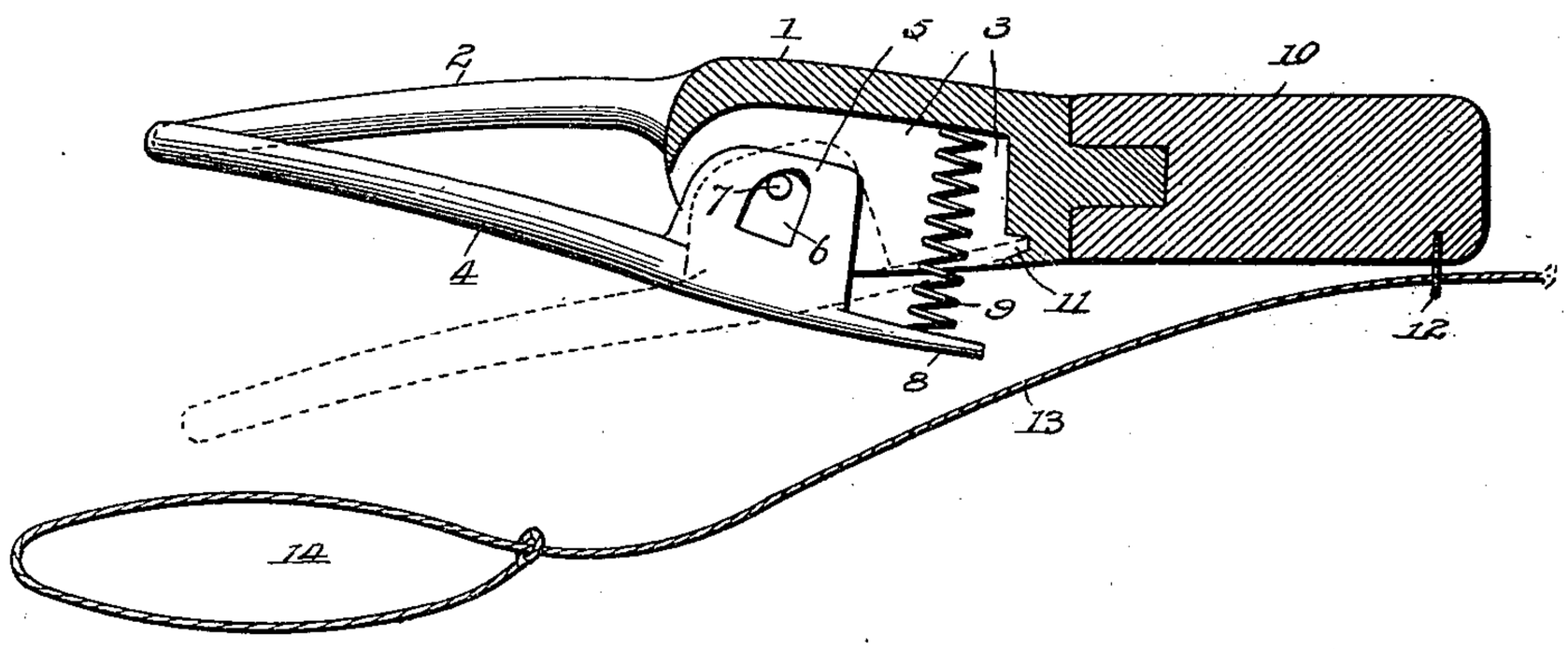


Fig. 2.



Witnesses

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UNITED STATES PATENT OFFICE.

THOMAS BROADFOOT, OF MILTON, KANSAS.

REPRESSOR.

SPECIFICATION forming part of Letters Patent No. 666,463, dated January 22, 1901.

Application filed June 27, 1900. Serial No. 21,832. (No model.)

To all whom it may concern:

Be it known that I, THOMAS BROADFOOT, a citizen of the United States, residing at Milton, in the county of Sumner and State of Kansas, have invented new and useful Improvements in Repressors, of which the following is a specification.

My invention relates to that class of obstetrical instruments known as "repressors;" and its object is to provide a device of this character of simple and effective construction adapted especially for use upon animals, particularly cows and mares, in case of wrong presentation of the fetus.

The construction of the improved instrument will be fully described hereinafter, in connection with the accompanying drawings, which form a part of this specification, and its novel features will be defined in the appended claims.

In the drawings, Figure 1 is a view in perspective of a repressor embodying the invention, and Fig. 2 is a longitudinal section of the same.

The reference-numeral 1 designates the shank of the instrument, having two curved fingers 2 projecting therefrom and preferably formed integral with the shank.

The under surface of the shank 1 is formed with a longitudinal recess 3, within which is pivotally secured a movable finger 4, having a lug 5 extending upward adjacent to its rear end and formed with an elongated slot 6, through which extends a cross-pin 7, the ends of which extend through openings formed in the sides of the shank.

The rear end of the pivoted finger 4 is formed with an extension 8, between which and the upper wall of the recess 3 is interposed a coil-spring 9, normally holding the finger 4 in the closed position shown in full lines in the drawings.

The shank 1 is provided with a handle 10, which may be formed integral with the shank or made separate and secured thereto, as shown in the drawings.

The rear wall of the recess 3 is formed with a notch 11, into which the rear end of the extension 8 is adapted to enter.

Depending from the rear end of the handle 10 is a staple or eye 12, through which passes a cord 13, having a loop or noose 14 at one end.

The manner of using the instrument constructed as thus described will be readily understood by veterinary surgeons and physicians.

The instrument (which is practically an artificial hand having two fingers and a thumb) is introduced into the vagina of the animal by one hand of the operator until the two fingers 2 embrace the fetus on either side of the backbone and the pivoted finger 4 passes between the hind legs. After the insertion of the instrument the finger 4 is pressed upward at its rear end, thus compressing the spring 9, and by moving the finger 4 rearward (the slot 6 permitting such movement) the extension 8 enters the notch 11 to secure the finger 4 in the open or expanded position shown in Fig. 2 by dotted lines. Pressure upon the handle 10 from without holds the fetus against the expelling pressure. The cord 13 is then introduced by the other hand of the operator and the noose 14 is slipped over one of the hind legs of the calf or colt and the leg is drawn out by pulling upon the cord. The other hind leg is withdrawn in like manner, after which the delivery may be safely accomplished. By pulling upon the cord at an angle to the handle of about forty-five degrees the tension of the cord is exerted in such a way as to assist in holding the instrument in position.

I claim—

1. A repressor comprising a shank having curved projecting fingers, and recessed on its under side, a movable spring-pressed finger, pivotally secured with the recess of the shank; a handle for said shank; an eye or staple projecting from said handle, and a cord passing through said eye or staple.

2. A repressor comprising a shank having curved fingers projecting from the front end; and formed on its under surface with a longitudinal recess; a movable spring-pressed finger, pivotally secured centrally within said recess; means for securing said movable finger in distended position; a handle for the shank; an eye or guide secured to said handle; and a cord passing through said eye or guide and formed with a loop or noose.

3. A repressor comprising a shank having curved fingers projecting from its front end, and formed on its under surface with a longitudinal recess having a notch in its rear wall; a movable finger formed with a lug having an elongated slot therein, and with a rear extension; a spring interposed between said extension and the top wall of the recess; a handle having a loop or eye projecting therefrom; and a cord passing through said loop or eye.

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

THOMAS BROADFOOT.

Witnesses:
A. S. HUNTER,
P. N. WRIGHT.