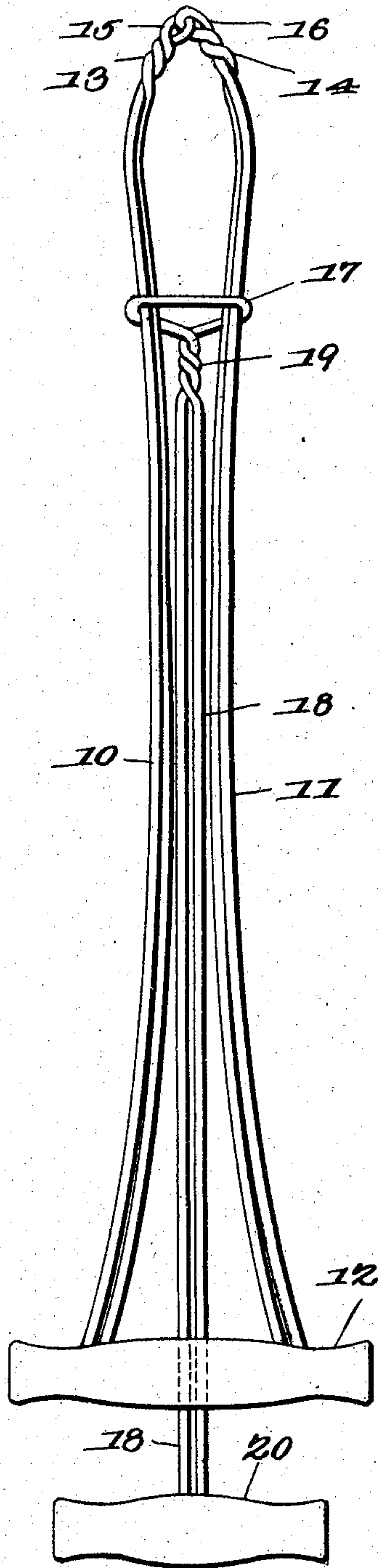


No. 791,842.

PATENTED JUNE 6, 1905.

C. TYLER.
VETERINARY OBSTETRICAL INSTRUMENT.
APPLICATION FILED JUNE 20, 1904.



Witnesses

E. J. Stewart
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UNITED STATES PATENT OFFICE.

CLYDE TYLER, OF PARKER, KANSAS.

VETERINARY OBSTETRICAL INSTRUMENT.

SPECIFICATION forming part of Letters Patent No. 791,842, dated June 6, 1905.

Application filed June 20, 1904. Serial No. 213,370.

To all whom it may concern:

Be it known that I, CLYDE TYLER, a citizen of the United States, residing at Parker, in the county of Linn and State of Kansas, have invented a new and useful Veterinary Obstetrical Instrument, of which the following is a specification.

This invention relates to certain improvements in veterinary obstetrical instruments, and has for its object to improve the construction and increase the efficiency and scope of instruments of this character.

With these and other objects in view, which will appear as the nature of the invention is better understood, the same consists in certain novel features of construction, as hereinafter fully described and claimed.

In the accompanying drawing, forming a part of this specification, and in which corresponding parts are denoted by like designating characters, is illustrated the preferred form of the embodiment of the invention capable of carrying the same into practical operation, it being understood that the invention is not necessarily limited thereto, as various changes in the shape, proportions, and general assemblage of the parts may be resorted to without departing from the principle of the invention or sacrificing any of its advantages, and the right is therefore reserved of making all the changes and modifications which fairly fall within the scope of the invention and the claims made therefor.

The drawing illustrates in perspective an instrument constructed in accordance with the invention.

The improved instrument comprises a frame having spaced side members each formed of a pair of closely-disposed wires, represented, respectively, at 10 11, preferably diverging at one end and connected to a transverse handle 12 and with the other ends entwisted, as at 13 14, with terminal interengaging eyes 15 16 to provide for uniting the two members with a hinge-joint. The portions of the members 10 11 adjacent to the hinged ends are curved outwardly reversely to form a spoon-shaped outline, as shown.

Movably encircling the side members 10 11 is a slidable loop 17, integral with an operating-rod formed of closely-disposed wires 18 and entwisted, as at 19, adjacent to the slide

and passing through the handle member 12 and connected into a secondary handle 20.

By forming the side members diverging inwardly at both ends the same are extended to a greater extent at the "loop" or spoon-shaped end, while at the same time by diverging the ends where they enter the handles 12 the connection is materially strengthened and the frame correspondingly stiffened.

The wire employed will be of sufficient strength to withstand the strains to which the instrument will be subjected and may be of brass, steel, or any other metal required.

It will thus be noted that a very simply-constructed and efficient instrument is produced which will be found very efficacious for use in the obstetrical operations of veterinary surgeons, especially in cases of foot presentation, for which it is especially adapted, as the hinging of the forward ends of the side members permits a closer or more contracted closing of the side members to engage the animal's foot, while at the same time the spoon-shaped form for engaging the head when head presentation occurs is retained.

Having thus fully described the invention, what is claimed is—

1. In an implement of the class described, a frame of spaced side members having at one end a spoon-shaped loop with the terminals hinged together and connected at the other ends to a transverse handle, a slide movable upon said side members and having an operating-rod extending through said handle member and connected to a secondary handle.

2. In an implement of the class described, a frame of spaced side members each formed of a pair of wires closely disposed and entwisted at one end to produce eyes to provide for hinging together and with the other ends connected to a transverse handle, a slide movable upon said side members and having an operating-rod extending through said transverse handle and terminating in a secondary handle.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

CLYDE TYLER.

Witnesses:

ALLEN W. COOK,
W. H. SLAUGHTER.