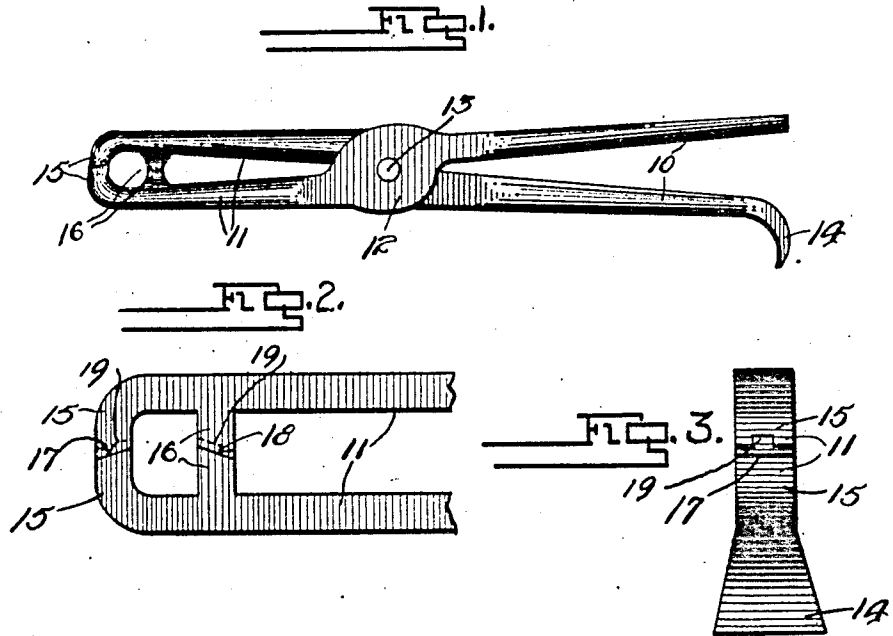


I. FOOTE.
VETERINARY OBSTETRICAL INSTRUMENT.
APPLICATION FILED DEC. 5, 1911.

1,059,449.

Patented Apr. 22, 1913.



Isaac Foote

INVENTOR

WITNESSES

Howard Postell
L. N. Willis

By E. O. Freeman,
Attorney.

UNITED STATES PATENT OFFICE.

ISAAC FOOTE, OF SUPERIOR, NEBRASKA.

VETERINARY OBSTETRICAL INSTRUMENT.

1,059,449.

Specification of Letters Patent.

Patented Apr. 22, 1913.

Application filed December 5, 1911. Serial No. 664,021.

To all whom it may concern:

Be it known that I, ISAAC FOOTE, citizen of the United States, residing at Superior, in the county of Nuckolls and State of Nebraska, have invented certain new and useful Improvements in a Veterinary Obstetrical Instrument, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to veterinary surgery and has special reference to an obstetrical instrument for pigs.

The principal object of the invention is to improve and simplify obstetrical forceps for pigs.

Another object of the invention is to provide such forceps with coacting jaws arranged to cause the fetus to lie centrally between the jaws of the forceps, thus preventing accidental slipping from between said jaws.

With the above and other objects in view, as will be hereinafter apparent, the invention consists in general in certain novel details of construction and combinations of parts hereinafter fully described, illustrated in the accompanying drawing and specifically claimed.

In the accompanying drawing like characters of reference indicate like parts in the several views, and:—Figure 1 is a side elevation of the device. Fig. 2 is an enlarged detail side elevation of the jaws of the device. Fig. 3 is an enlarged detail end elevation of said jaws.

This invention consists of a pair of handles 10 terminating in jaws 11. The handles 10 are flattened at 12 and pivotally united by a rivet or the like as at 13. One of the handles 10 is provided with a flattened curved end 14 to prevent the hand of the operator from slipping when drawing upon

the instrument. The jaws 11 are turned toward each other at the ends as shown at 15 and between these ends and the fulcrum 13 are lugs 16 so arranged that a portion of the fetus may be grasped between the ends of the jaws and these lugs in such manner that the portion grasped cannot readily slip from between the jaws. Furthermore, the coacting ends and lugs are not only inclined but are provided with a tongue and groove arrangement 19 to prevent one jaw from slipping laterally of the other during insertion.

In the operation of the device the jaws are closed and inserted into the vagina. Then in position they are opened and moved gently about until the leg of a fetus is grasped between them, as may be told by the resistance to closing. They are then gently closed and traction carefully exerted, thus drawing the fetus out.

There has thus been provided a simple and efficient device of the kind described and for the purpose specified.

Having thus described the invention, what is claimed as new, is:—

In a veterinary obstetrical instrument, forceps having: fulcrumed elongated jaws provided with inturned coacting ends, and coacting lugs on said jaws between said ends and the fulcrum, said ends and lugs having their coacting faces inclined, the faces of the ends being inclined opposite the faces of the lugs, said coacting faces being tongued and grooved to prevent lateral movement of the jaws during insertion.

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

ISAAC FOOTE.

Witnesses:

W. J. McELHINNEY,
J. N. BAGLEY.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."