

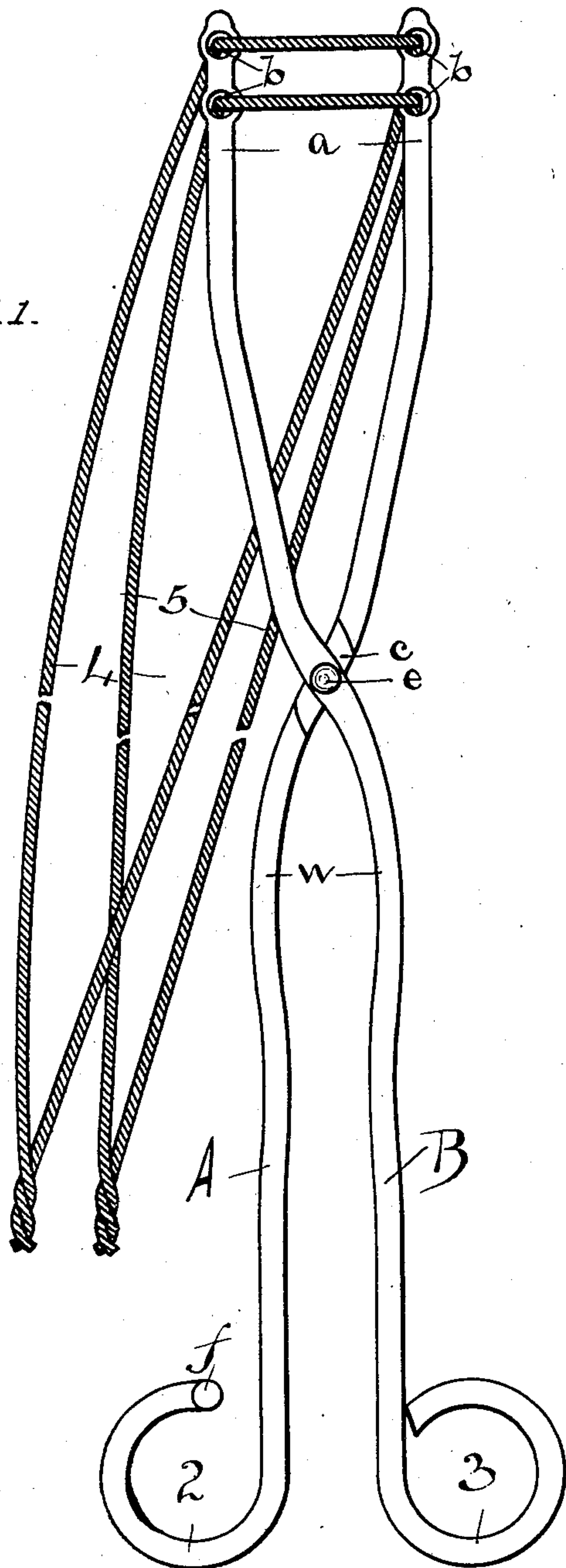
No. 734,586.

PATENTED JULY 28, 1903.

H. MENDENHALL.
OBSTETRICAL INSTRUMENT.
APPLICATION FILED MAY 18, 1903.

NO MODEL.

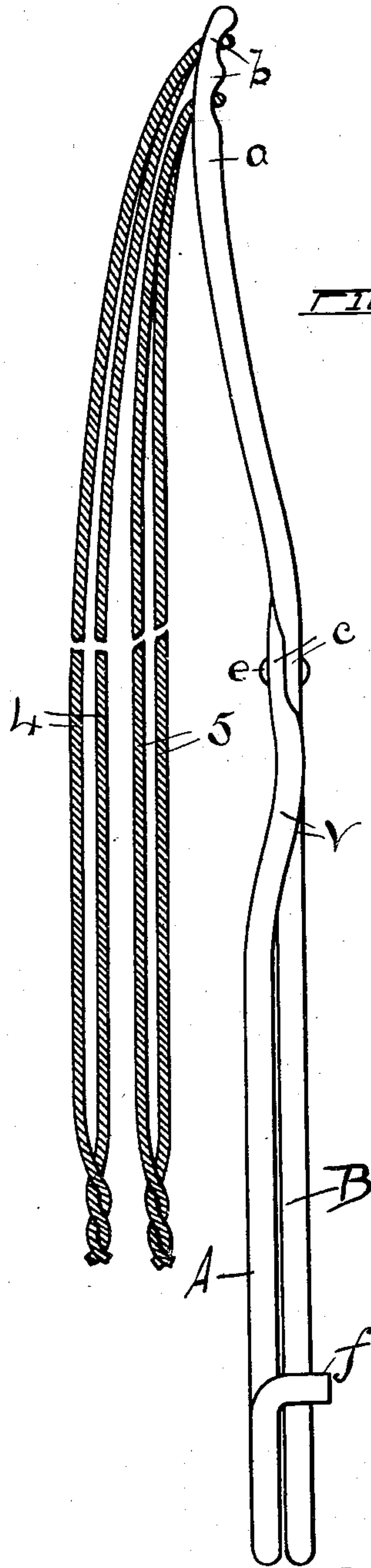
FIG. 1.



WITNESSES:

J. P. Larson.
Marine Kreeby.

FIG. 2.



BY,

INVENTOR:

Hiram Mendenhall
Esq. W. Sues. Attorney.

UNITED STATES PATENT OFFICE.

HIRAM MENDENHALL, OF AUDUBON, IOWA.

OBSTETRICAL INSTRUMENT.

SPECIFICATION forming part of Letters Patent No. 734,586, dated July 28, 1903.

Application filed May 18, 1903. Serial No. 157,710. (No model.)

To all whom it may concern:

Be it known that I, HIRAM MENDENHALL, residing at Audubon, in the county of Audubon and State of Iowa, have invented certain
5 useful Improvements in Obstetrical Instruments; and I do hereby declare that the following is a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to
10 make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

This invention relates to a new and novel improvement in obstetrical instruments to be
15 used for veterinary purposes.

The aim of my invention is to provide an obstetrical instrument which shall be easily operated and be simple in construction.

In the accompanying drawings I have shown,
20 in Figure 1, a top view of the obstetrical instrument embodying my invention, while Fig. 2 shows a side elevation.

In carrying out the aim of my invention I construct two members A and B, each preferably being made of round tool-steel, which
25 is preferably polished and plated. These members are practically identical in construction, with the exception that the member A is provided with a laterally-projecting termination *f*, acting as a stop when the instrument
30 is closed, so that but very little room is taken up by this instrument when not in use. At a suitable point each of these members is flattened, as is shown at *c*, and this portion is
35 perforated to receive a pin *e*, this pin being positioned a little more than one-third of the way back from the point of the instrument. At each end each member A and B is flattened and is provided with two eyelets *b*, and
40 through these eyelets *b* extend two snaring-strings, (marked 4 and 5,) each entering from the same side, as disclosed in Fig. 1. These strings are of any suitable length and are preferably longer than the instrument. Near
45 the perforated end each member A and B is provided with a straight portion *a*, so that these ends when the instrument is opened come more nearly parallel to one another, as

shown in Fig. 1. At a point near the pivot *e* it will be noticed that each member is curved,
50 as is shown at *v*, and this curve is necessary in order that the instrument may extend over the pelvis-bone in using the same.

In providing two snaring-strings the object to be operated upon is doubly engaged, so
55 that the two strings give a double service, dividing the strain.

In referring to Fig. 1 it will further be noticed that each member A and B is curved outward, as shown at *w*, to provide a space
60 for the operator's finger to come between, as the snaring-strings may be tied at a suitable point and be operated by one or more fingers engaging the strands, which fingers for the sake of convenience will work between the
65 members A and B. From this it will be seen that the advantages are found in the fact that I provide two members, one of which is provided with a stop, each member further being provided with two eyelets, two snaring-
70 strands passing through said eyelets, said strands extending parallel in front, while each is further provided with an upward bend *v* and an outward bend *w*.

It is of course understood that these instruments may be made of any suitable size and
75 material, and

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

An obstetrical instrument, comprising two counterpart members, one of said members being provided with a lateral projecting stop, each member terminating in a forward,
85 doubly-perforated section, two snaring-strings passing through said perforations, said members being pivotally connected, each member being outwardly and upwardly curved in the manner set forth.

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

HIRAM MENDENHALL.

Witnesses:

W. M. MCFARLANE,
B. A. STOCKING.