

No. 704,629

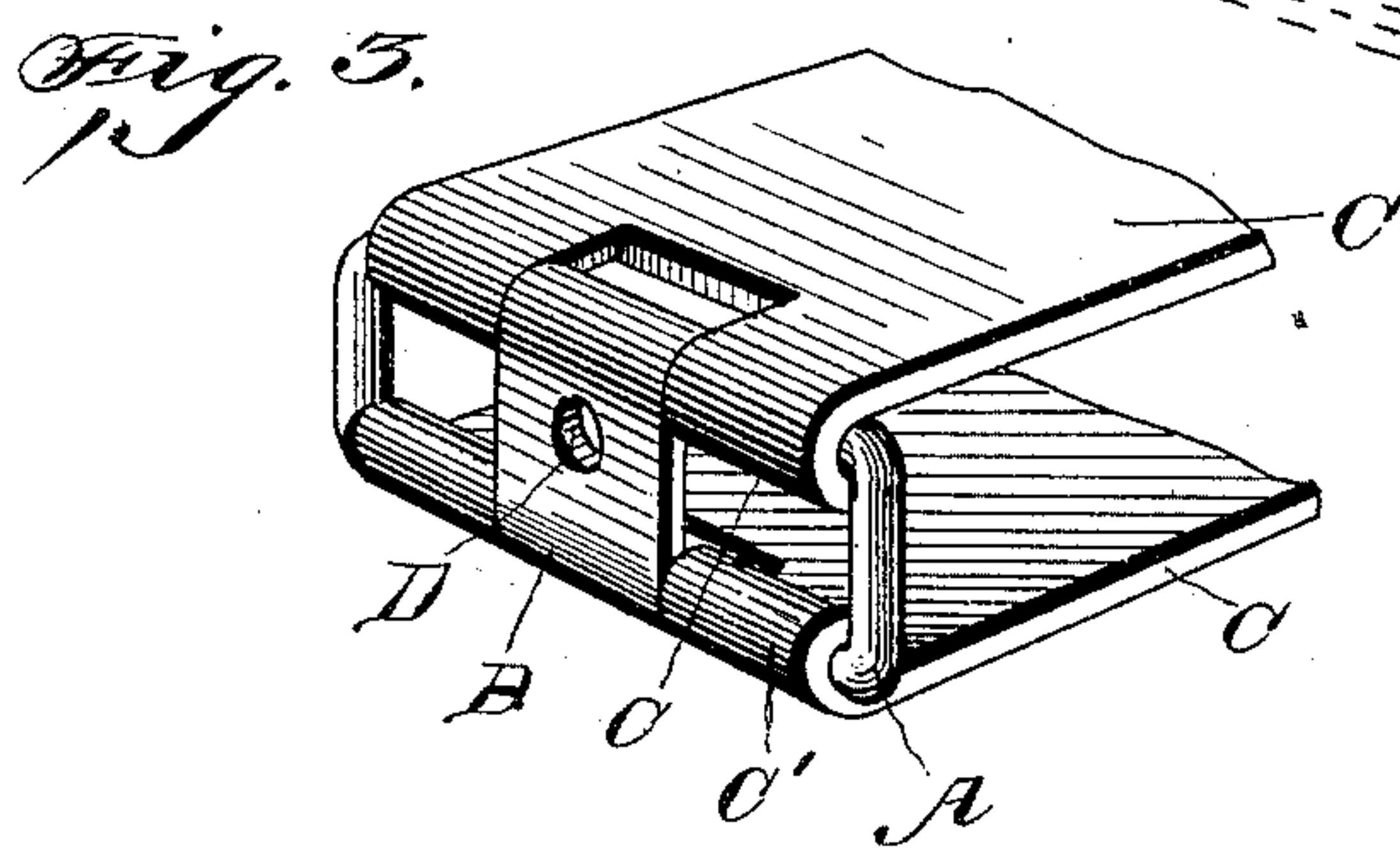
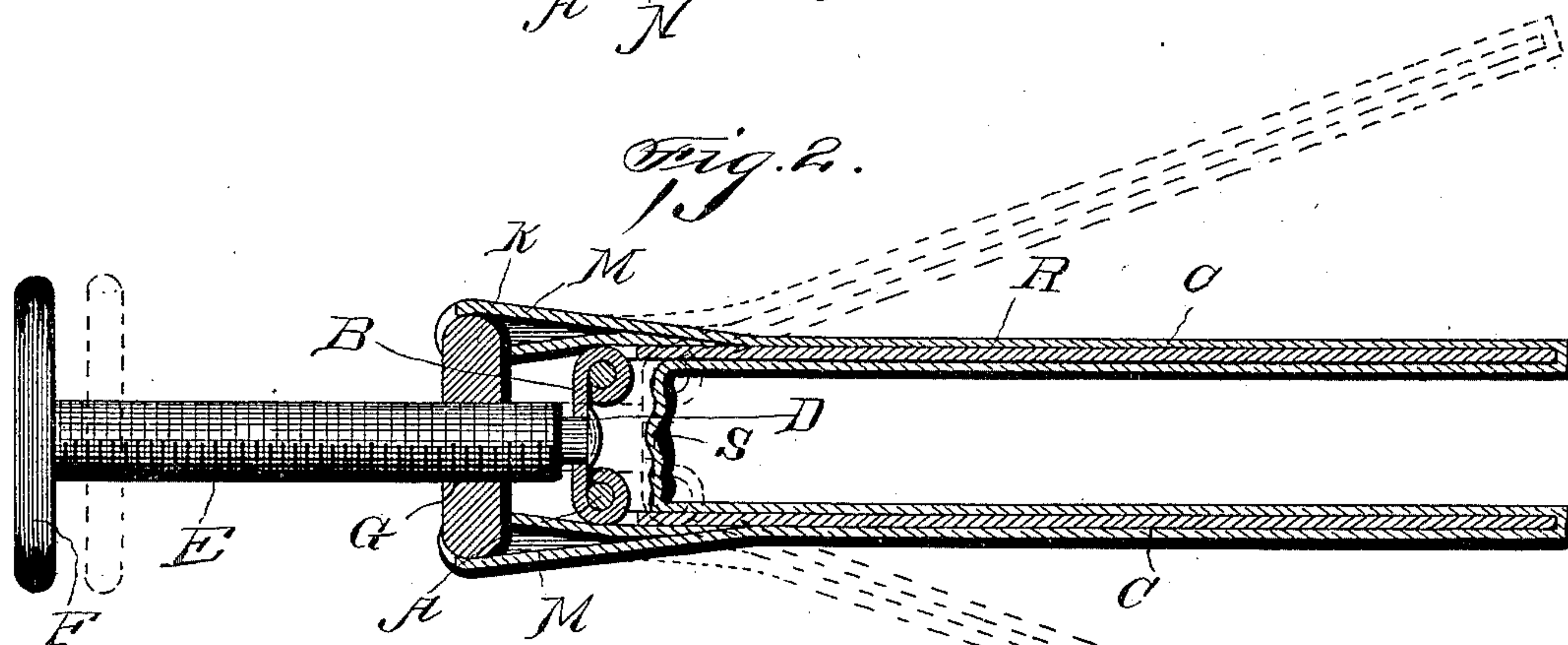
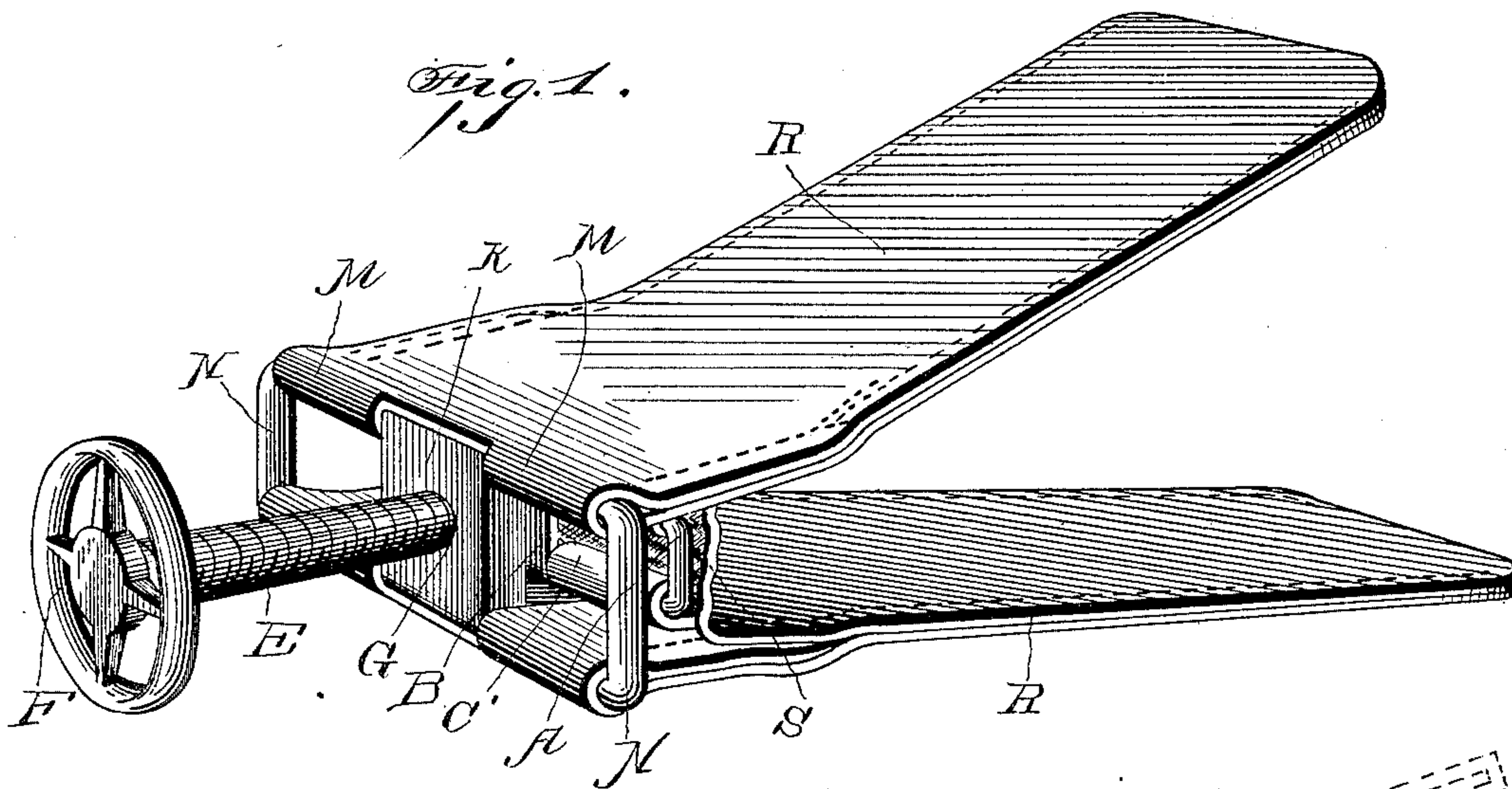
Patented July 15, 1902.

C. GILTZ.

VETERINARY OBSTETRIC INSTRUMENT.

(Application filed Mar. 29, 1902.)

(No Model.)



Witnesses

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UNITED STATES PATENT OFFICE.

CONROD GILTZ, OF LAFARGEVILLE, NEW YORK.

VETERINARY OBSTETRIC INSTRUMENT.

SPECIFICATION forming part of Letters Patent No. 704,629, dated July 15, 1902.

Application filed March 29, 1902. Serial No. 100,586. (No model.)

To all whom it may concern:

Be it known that I, CONROD GILTZ, a citizen of the United States, residing at Lafargeville, in the county of Jefferson and State of New York, have invented certain new and useful Improvements in Veterinary Obstetric Instruments; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in veterinary obstetric instruments, and especially to a device which is designed for use in holding the walls of the womb of a cow or other female animal distended to prevent undue strain of the animal when the womb becomes displaced after the birth of its young.

More specifically, the invention consists in the provision of two jaws which are inclosed in suitable casings and means for opening and closing said jaws and holding same at different adjusted positions accordingly as the instrument is used in connection with organs of different sizes.

My invention consists, further, in various details of construction and combination of parts, as will be hereinafter more fully described and then specifically defined in the appended claims and as illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this application, and in which drawings similar letters of reference indicate like parts in the several views, in which—

Figure 1 is a perspective view showing my improved instrument with its jaws distended slightly. Fig. 2 is a central vertical sectional view through the instrument shown in solid lines in a closed relation and open in dotted lines. Fig. 3 is a detail in perspective of the hinged ends of the jaws.

Reference now being had to the details of the drawings by letter, A designates a solid elongated link having a swivel-plate B fastened thereto by the ends of said plate being turned over the link, as shown. To said link are hinged the arms C', which are formed,

preferably, integral with the two jaws C, and in a central aperture D of said plate B is swiveled the end of the screw E, having a turning wheel F keyed at one end thereof. The threaded portion of said screw passes through a threaded aperture G in a plate K. Projecting from the opposite edges of said plate K are the loops or links N, which may be fastened to said plate K in any suitable manner, and to said loops or links N are fastened the ends of straps M, which are either integral with or fastened to the pieces of leather forming the sheaths or pockets R. These straps are passed about the loops or links N and stitched to the sheaths or pockets, thus having a hinged relation with the loops or links. The inner face of each sheath or pocket is made, preferably, of a single piece of leather or other suitable material, being stitched to the outer piece, as shown, and intermediate the two sheaths or pockets is a hinged portion S of the inner piece of leather or other material. In applying the sheaths or pockets to the jaws the latter are inserted one in each pocket, and afterward the straps are brought about the opposite portions of the loops N and the faces of the straps brought together and stitched.

In operation the sheaths, with the jaws therein, are inserted into the womb, when the instrument is in the shape shown in Fig. 2, with the jaws parallel to each other. When the sheaths have been inserted a sufficient distance, the operator turns the wheel F, and the screw E will work through the threaded aperture in the plate K, and the swivel-plate, to which the jaws are pivoted, will begin to distend, and the free ends of the sheaths will crowd and hold back the parts of the womb of the animal which become displaced, thus relieving the organ of undue strain.

By varying the size of the sheaths and jaws the instrument may be made useful for the purpose for which it is provided on various animals, and in adapting the instrument for various uses I may make various modifications in the construction of the device without departing from the spirit of the invention.

Having thus described my invention, what I claim to be new, and desire to secure by Letters Patent, is—

1. A veterinary obstetric instrument, comprising two jaws hinged together, a plate having links secured thereto, a screw passing through a threaded aperture in said plate
5 and having swivel connections with the hinged portions of said jaws, and a sheath for each of said jaws, and fastened to said loops, as set forth.

2. A veterinary obstetric instrument, comprising two jaws a plate to which said jaws
10 are hinged, a plate having a threaded aperture therein, a screw swiveled to the plate to which said jaws are hinged and passing through the threaded aperture of the second
15 plate, a sheath covering each of said jaws, a portion of each sheath sewed to form loops, links carried by the plate having a threaded aperture, about which links said loops are passed, and connections between said sheaths,
20 as set forth.

3. A veterinary obstetric instrument, comprising a plate with central aperture therein, hinged jaws having integral arms, links carried by said plate to which arms are hinged,
a plate K having a central threaded aperture 25 a screw having swivel connection with the plate to which said jaws are hinged and passing through the threaded aperture of said plate K, a sheath for each of said jaws, each
sheath having a strap bent to form a loop, 30 links N carried by said plate K, and about which said loops pass, the inner faces of said sheaths made of a single piece of leather, as set forth.

In testimony whereof I affix my signature 35 in presence of two witnesses.

CONROD GILTZ.

Witnesses:

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N. A. MAYHEW.