

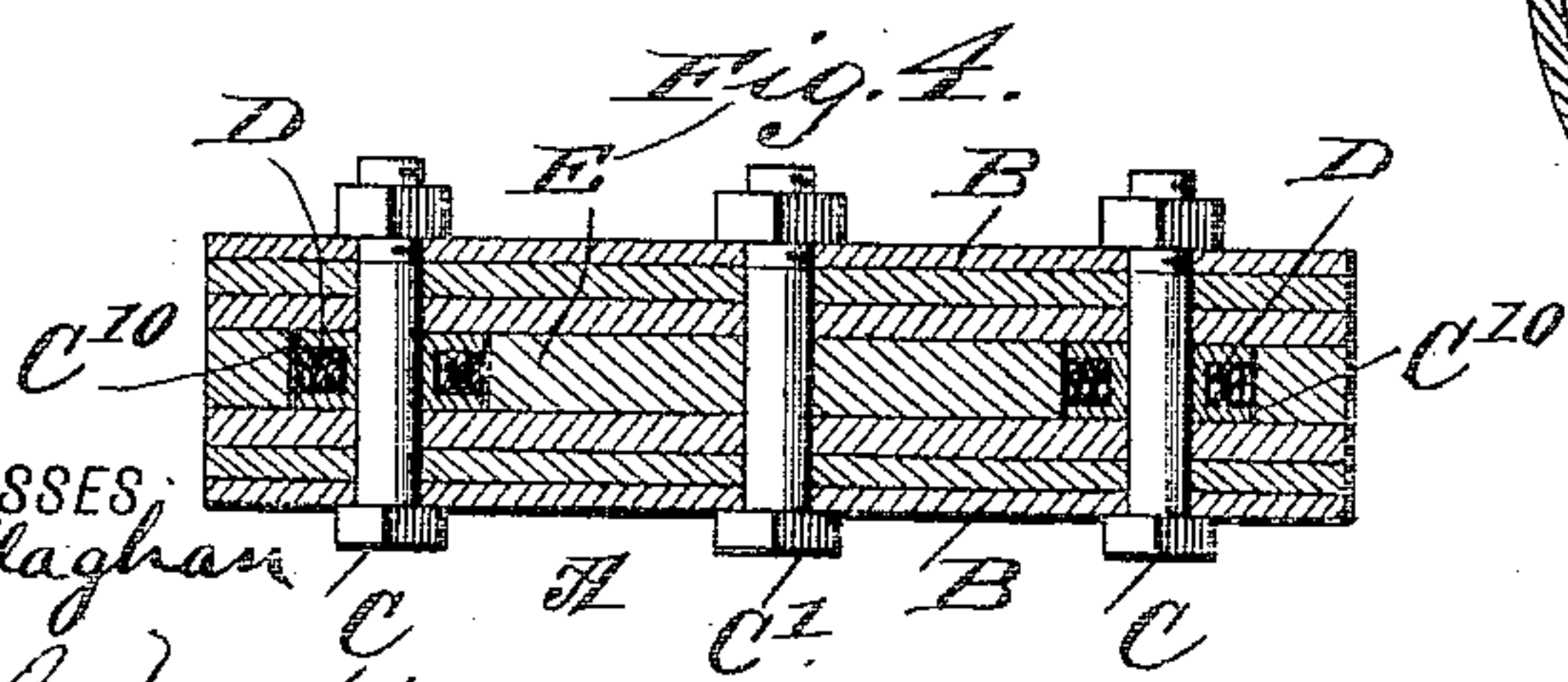
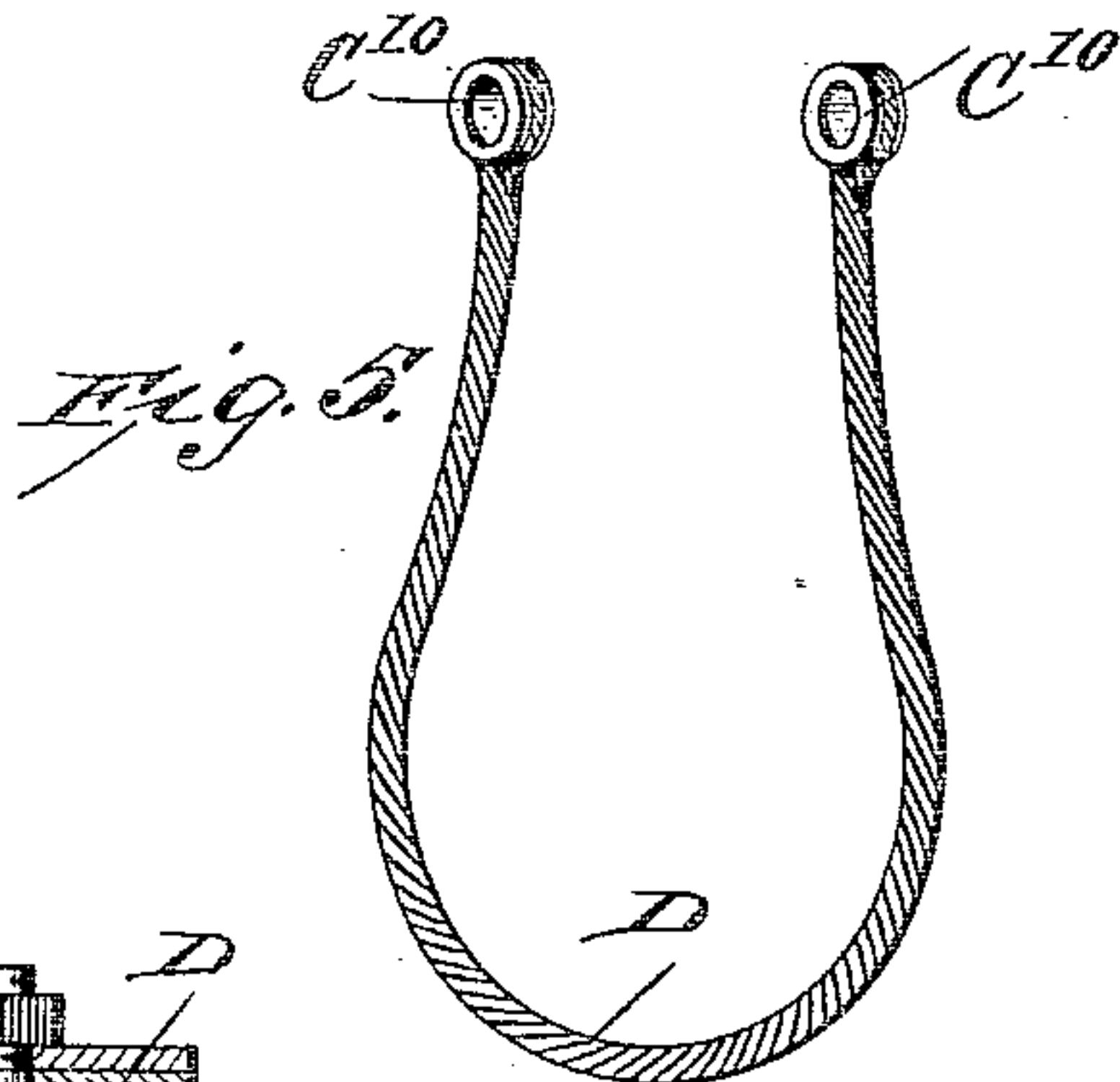
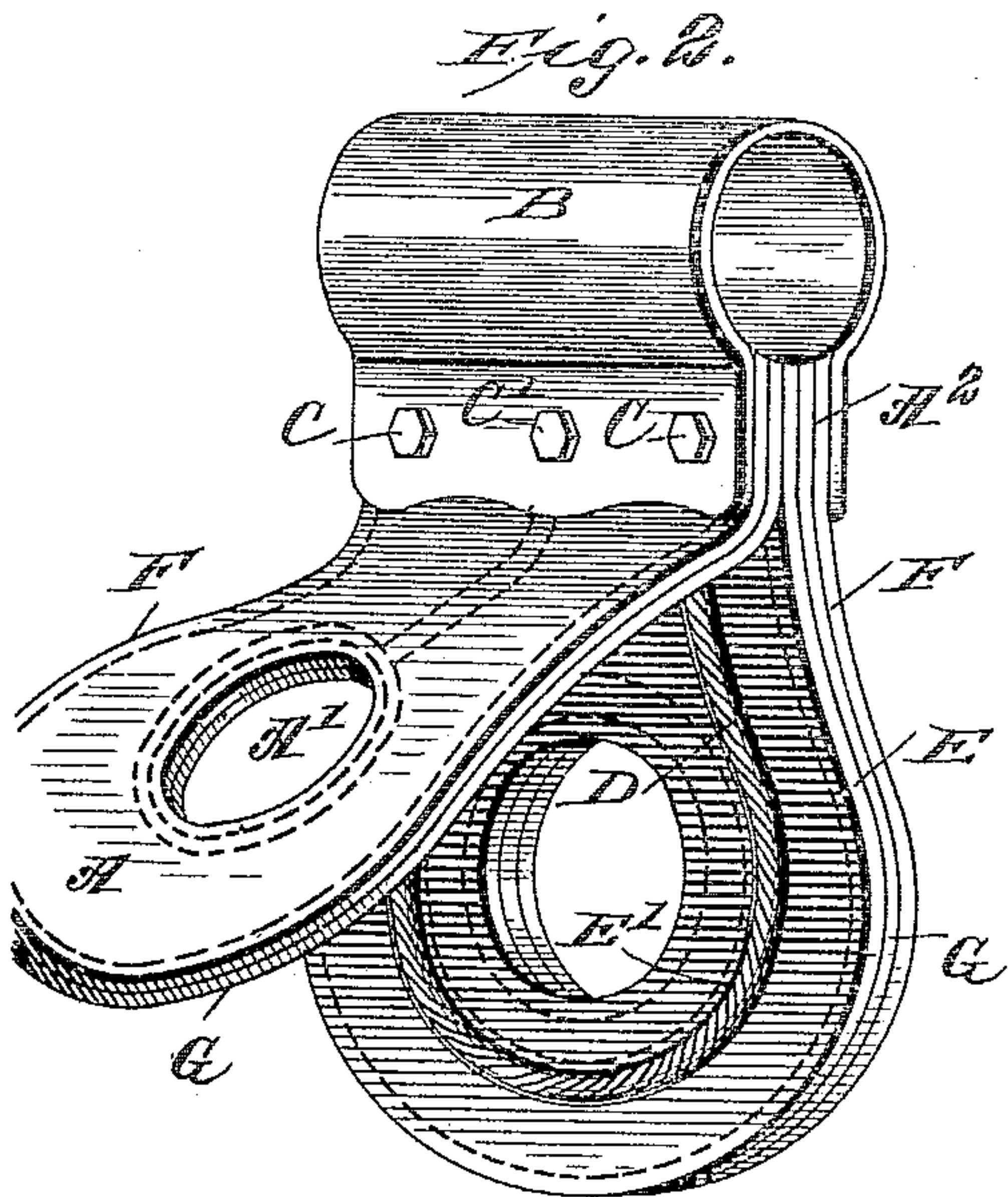
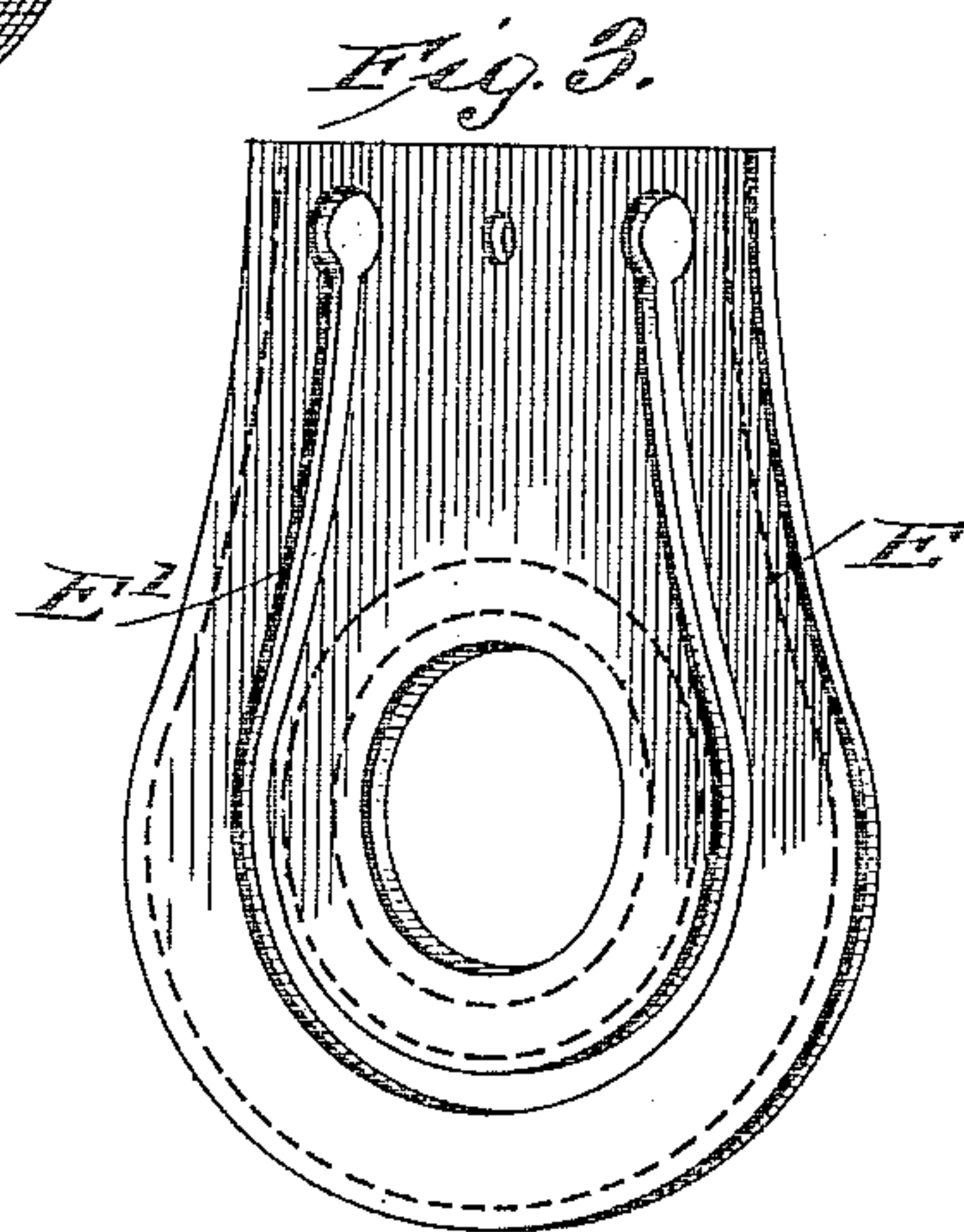
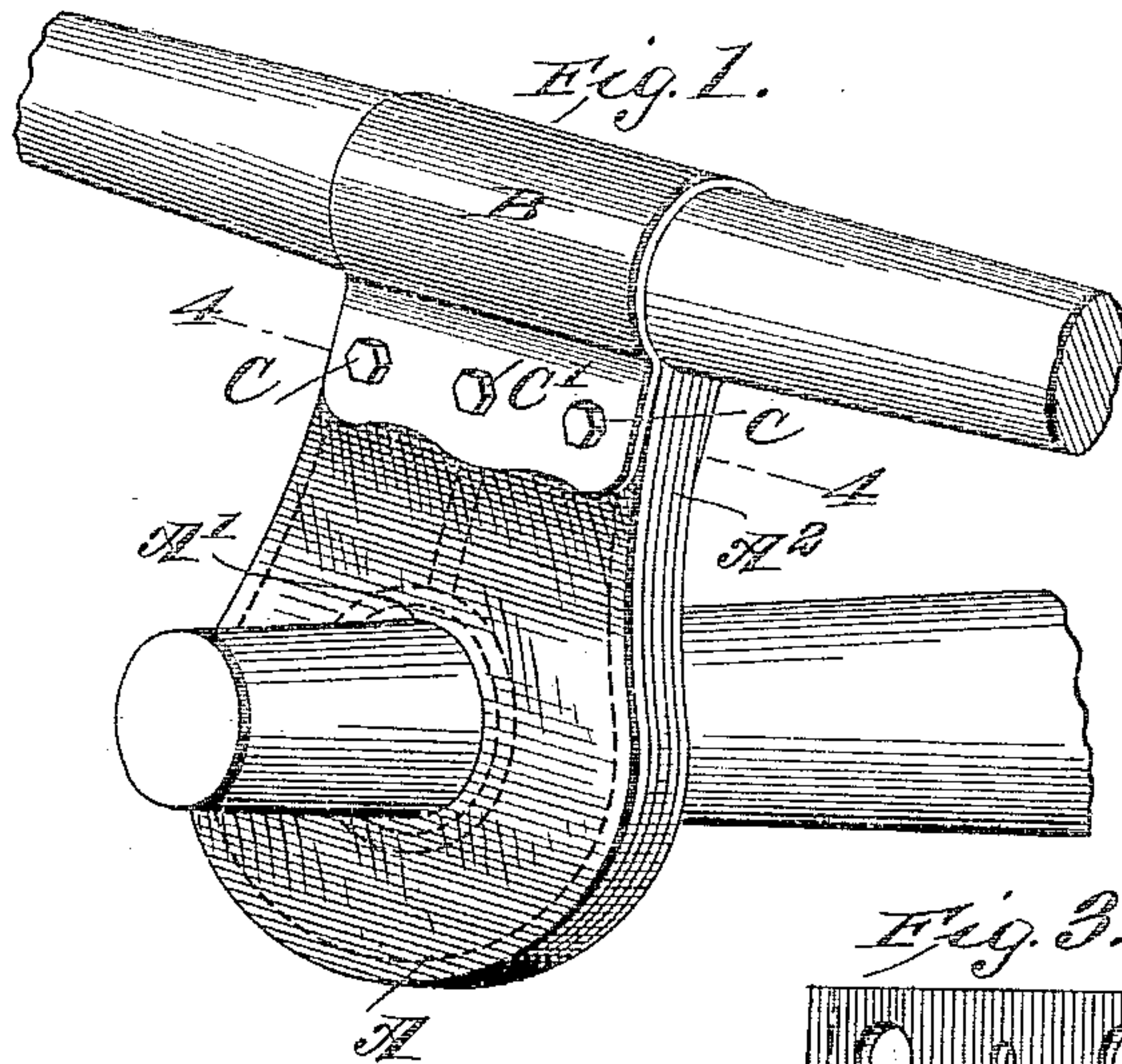
J. HULLT.

NECK YOKE.

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953,620.

Patented Mar. 29, 1910.



WITNESSES:
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UNITED STATES PATENT OFFICE.

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NECK-YOKE.

953,620.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JOHN HULLT, a citizen of the United States, and a resident of Silverton, in the county of San Juan and State of Colorado, have made certain new and useful Improvements in Neck-Yokes, of which the following is a specification.

This invention is an improvement in neck yokes, and particularly in centers and has for an object to provide a novel construction of neck yoke center which will possess the maximum strength as well as be flexible in all directions; and the invention consists in certain novel constructions and combinations of parts as will be hereinafter described and claimed.

In the drawing Figure 1 is a perspective view of the invention as in use. Fig. 2 is a detail perspective view showing the flaps turned back and the central layer with the reinforcing cable in place. Fig. 3 is a detail plan view of the intermediate layer having the slot for the reception of a reinforcing cable. Fig. 4 is a cross section of the center through the bolts which secure it to the band for application to the neck yoke; and Fig. 5 is a detail view of the reinforcing device.

The neck yoke center is intended for use in the ordinary way as illustrated in Fig. 1, and to this end I provide the center A with an opening A' to receive the pole, and with a shank-like portion A² to which is held the ferrule B, bolts C C and C' being provided for such purpose, and the bolts C extending preferably through ferrules or eyelets C¹⁰, which are held in the ends of the reinforcing cable D in the use of the invention.

As shown, the neck yoke center is made of harness and sole leather and has an intermediate layer E of sole leather, and layers F and G on opposite sides of the layer E, and stitched thereto to incase the layer E and to retain in connection therewith the reinforcing cable as will be understood from the drawing.

As shown, the layers are held together by three rows of stitches, two rows near the central opening A' and a row near the outer edge of the center as shown.

The intermediate layer E is slotted at E' along the sides and bottom of the opening A' and up along the shank portion A² to the line of the ferrules or eyelets C¹⁰ and sur-

rounding the same as shown, and a reinforcing cable D is fitted in said slot and is held at its ends to the fastenings C¹⁰, which as described, are in the form of ferrules or eyelets and receive the bolts C before described. This cable D it will be noticed does not in any material respect affect the flexibility of the neck yoke center in any direction and will reinforce the same in such manner as to enable me to secure the greatest strength which is desirable in this class of devices, and I secure this reinforcement and strengthening of the center by a flexible strand whose flexibility is shown as materially decreased by securing its ends as before described, especially in view of the fact that these ends are spaced apart and do not connect directly with each other.

In addition to the advantages resulting from the provision of a wire cable reinforce, I provide for securing the same in a simple novel manner by slotting the intermediate layer E as shown and before described, and securing the ends of the cable by devices which coöperate in securing the layers of the center together, the whole being effected without making any change in the appearance of the neck yoke center, the latter remaining in appearance the same as usual, as when the reinforcing strand is in place it is covered and retained by the overlying layers F and G, or F or G, as the number may be varied without departing from the principles of my invention.

I claim—

1. A neck yoke center having a hole or opening for the pole and composed of an intermediate layer, and overlying layers on opposite sides of the intermediate layer, the center having a shank portion, and the intermediate layer having a slot extending alongside and around the bottom of the pole hole and up along the shank of the center and terminating at points above the pole hole, eyelets and fastening devices coöperating therewith extending through the layers at the terminals of the slot in the intermediate layer, and a reinforcing twisted wire cable disposed in said slot of the intermediate layer with its ends around the connecting eyelets aforesaid, and a band secured to said shank and adapted to receive the neck yoke, substantially as set forth.

2. A neck yoke center having a pole hole,

and a shank portion and composed of an intermediate layer slotted along the sides and lower end of the pole hole and up along the shank portion of the center, a reinforcing cable in said slot and extending at its
5 terminals to the ends of the slot in the shank, and overlying layers closing the slot and in-

casing the cable and secured to the intermediate layer substantially as set forth.

JOHN HULLT.

Witnesses:

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