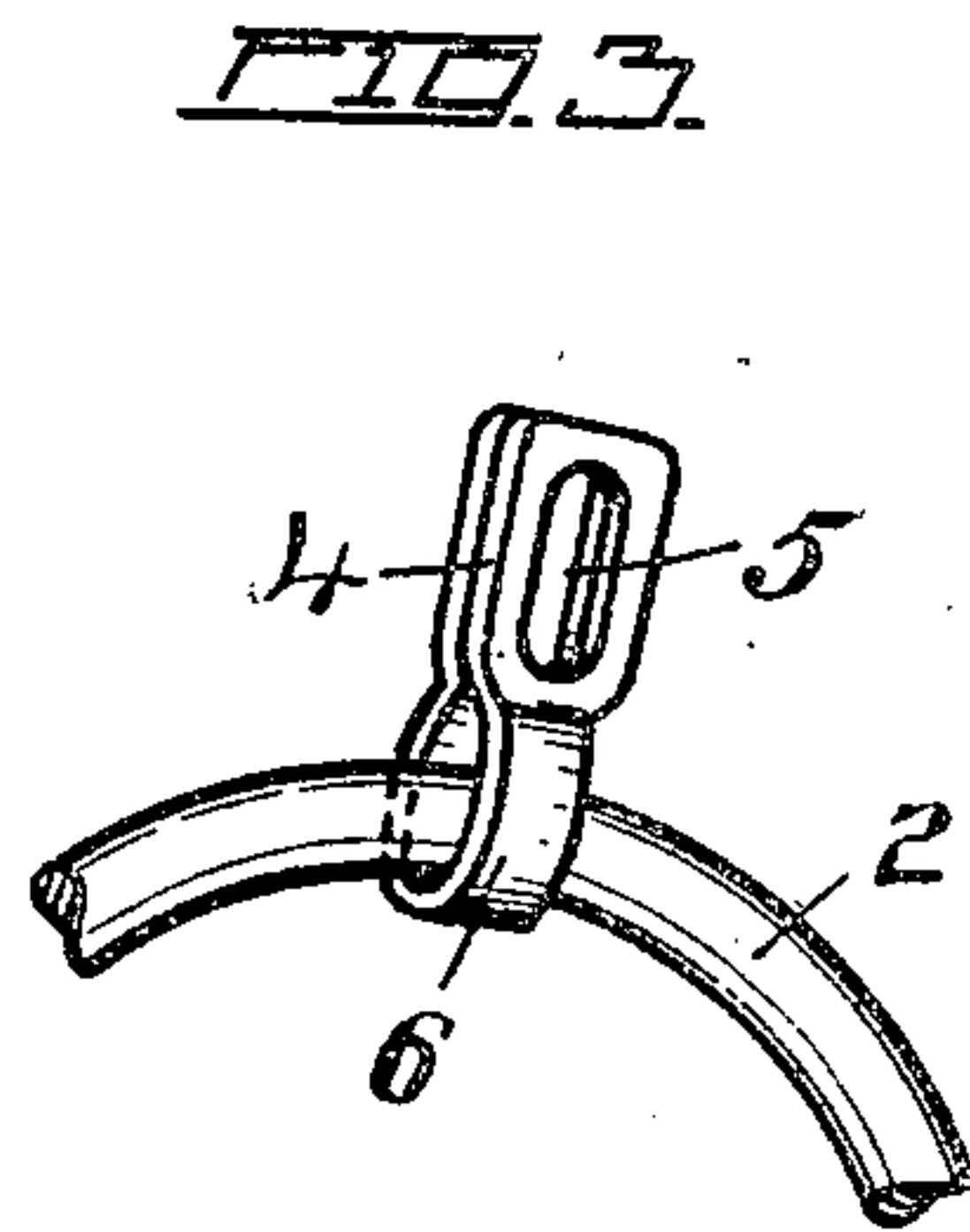
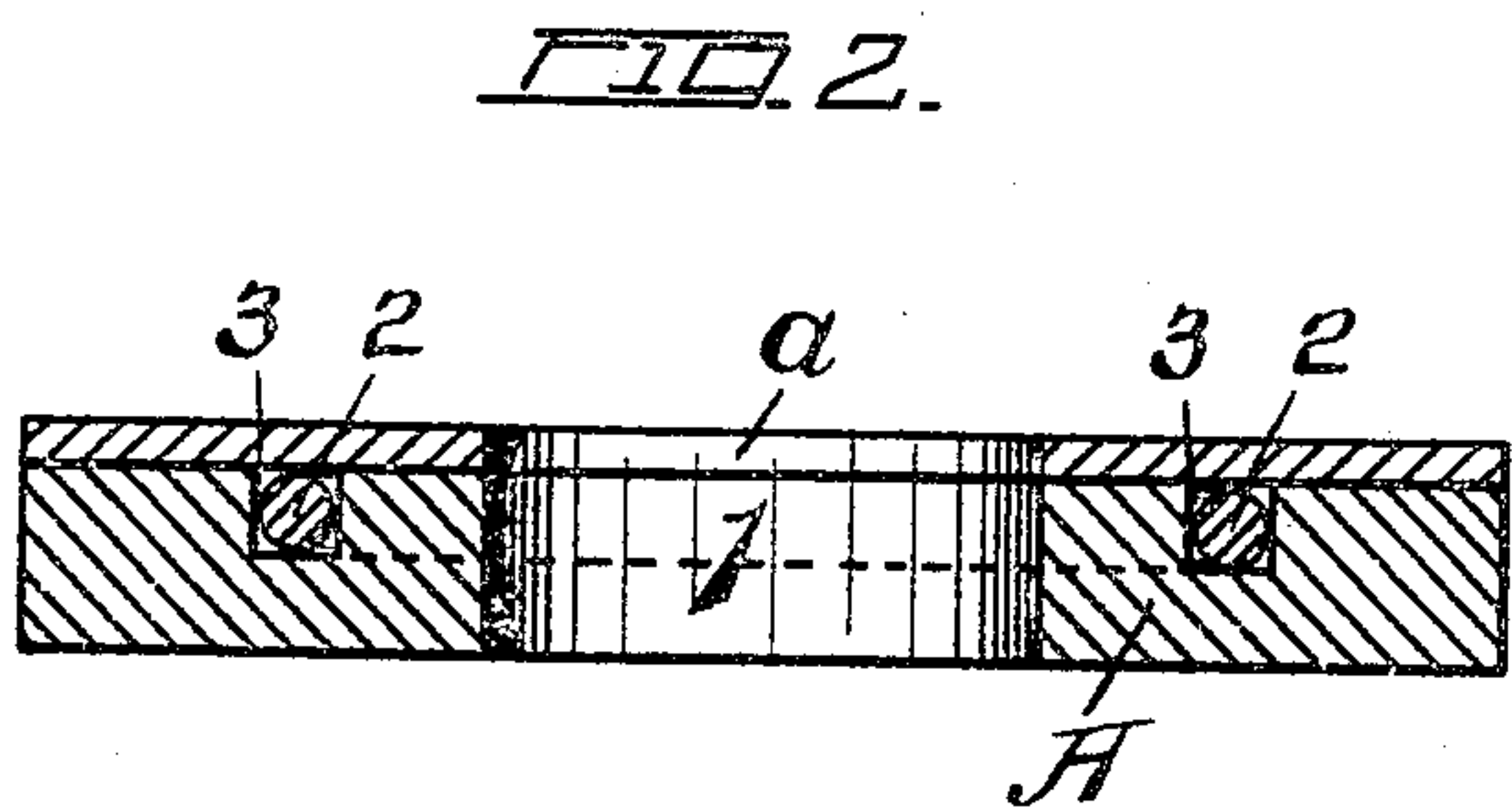
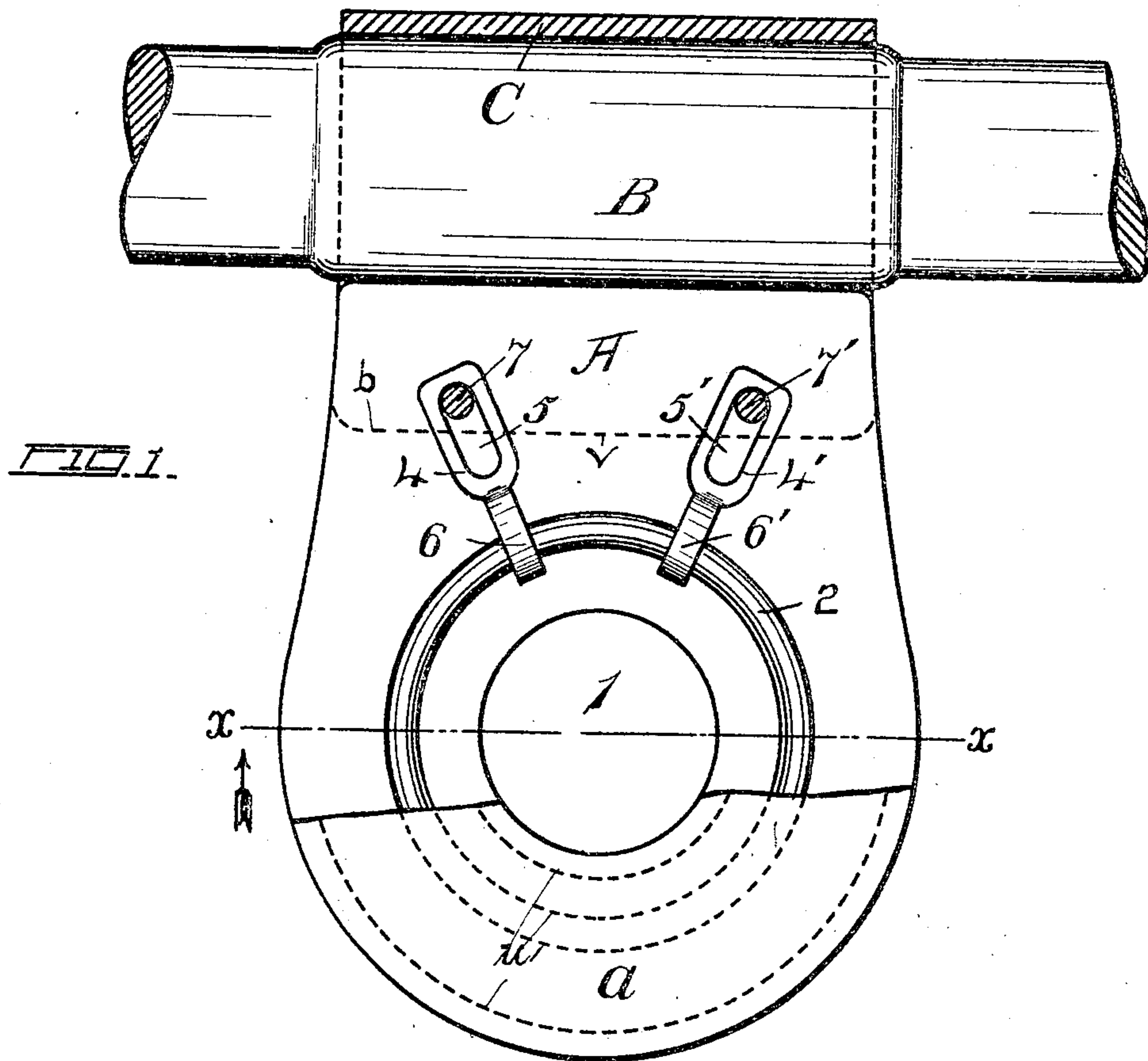


No. 808,276.

PATENTED DEC. 26, 1905.

F. J. DRUM.
NECK YOKE CENTER.
APPLICATION FILED APR. 5, 1905.



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UNITED STATES PATENT OFFICE.

FREDRICK J. DRUM, OF CALLAWAY, NEBRASKA.

NECK-YOKE CENTER.

No. 808,276.

Specification of Letters Patent.

Patented Dec. 26, 1905.

Application filed April 5, 1905. Serial No. 254,018.

To all whom it may concern:

Be it known that I, FREDRICK J. DRUM, a citizen of the United States, and a resident of Callaway, in the county of Custer and State of Nebraska, have invented a certain new and useful Improvement in Neck-Yoke Centers, of which the following is a full, clear, and exact description.

The aim of my invention is to provide a neck-yoke center so arranged that the center proper will keep its shape, remaining flat and presenting a sightly surface, and to be provided with a metallic reinforcing-ring, supported by two retaining-ears, secured by pins, which also serve in securing the sleeve to the center, as will be described more fully hereinafter.

In the accompanying drawings I have shown in Figure 1 a front elevation, with portions removed, of a neck-yoke center embodying my invention. Fig. 2 is a sectional view on line *xx* in the direction of the arrow, while Fig. 3 discloses a detail of the stiffening-ring and one of the retaining-ears.

To provide a neck-yoke center which shall be strong, be tightly secured to the sleeve, and be constructed to remain in a flat and sightly condition is the object of this invention.

In the accompanying drawings I have shown in Fig. 1 a broken portion of a neck-yoke B, to which is secured the neck-yoke center.

My center comprises one or more layers of leather A, is of the usual shield-shape conformation, and is provided with the usual central pole-tip opening 1, as shown in Fig. 1. Surrounding the opening 1 is a groove 3, as shown in Fig. 2, within which is embedded a metal ring 2 to reinforce the opening and stiffen the neck-yoke center. The ring 2 is provided with two similar retaining-ears (marked 4 and 4') placed upon opposite sides, as shown in Fig. 1, and these retaining-ears are provided with the ring portions 6 and 6', which surround the ring, as shown in Figs. 1 and 3. These retaining-ears are provided with the slots, (marked 5 and 5', respectively, in the drawings,) each being adapted to receive a retaining-pin or rivet, (marked 7 and 7'.) These retaining-ears are securely held between the leather layers, the layers being sufficiently compressed to embed these retaining-ears.

Above the neck-yoke center A is provided with a slot extending downward a suitable distance, as is disclosed by the dotted line *b* in Fig. 1, the slot extending below the position of the pins or rivets 7 and 7'. This slot is of a width equaling double the thickness of the sleeve C, so that the ends of the sleeve may be brought together and forced into the slot, the whole being secured by means of suitable stitching or otherwise, when the pins are secured, having their heads flanged, so that these pins assist in holding the sleeve ends within the neck-yoke center as well as carrying the retaining-ears supporting the ring or annulus 2, as shown. By this means an exceedingly strong construction is provided, insuring the neck-yoke remaining in a flat condition.

In Fig. 1 I have shown four lines of stitching, one line surrounding, upon opposite sides, the annulus.

The face portion of the neck-yoke is provided with a section of leather *a*, forming a shield, as is shown in Fig. 2, and this shield may be suitably embellished, if desired.

These neck-yoke centers are made in various sizes and of suitable material.

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

A neck-yoke center provided with the usual central opening and having a slot above and an annular groove surrounding the opening, in combination with a sleeve portion, said sleeve portion having its ends united and secured within said slot, of a ring within said annular groove, two retaining-ears extending upward and in opposite direction from said ring, said ears being provided with slots, and retaining-pins passing entirely through said neck-yoke center the sleeve portion and said retaining-ears, substantially as disclosed.

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

FREDRICK J. DRUM.

Witnesses:

R. G. MCGREW,
J. V. DEVINE.