

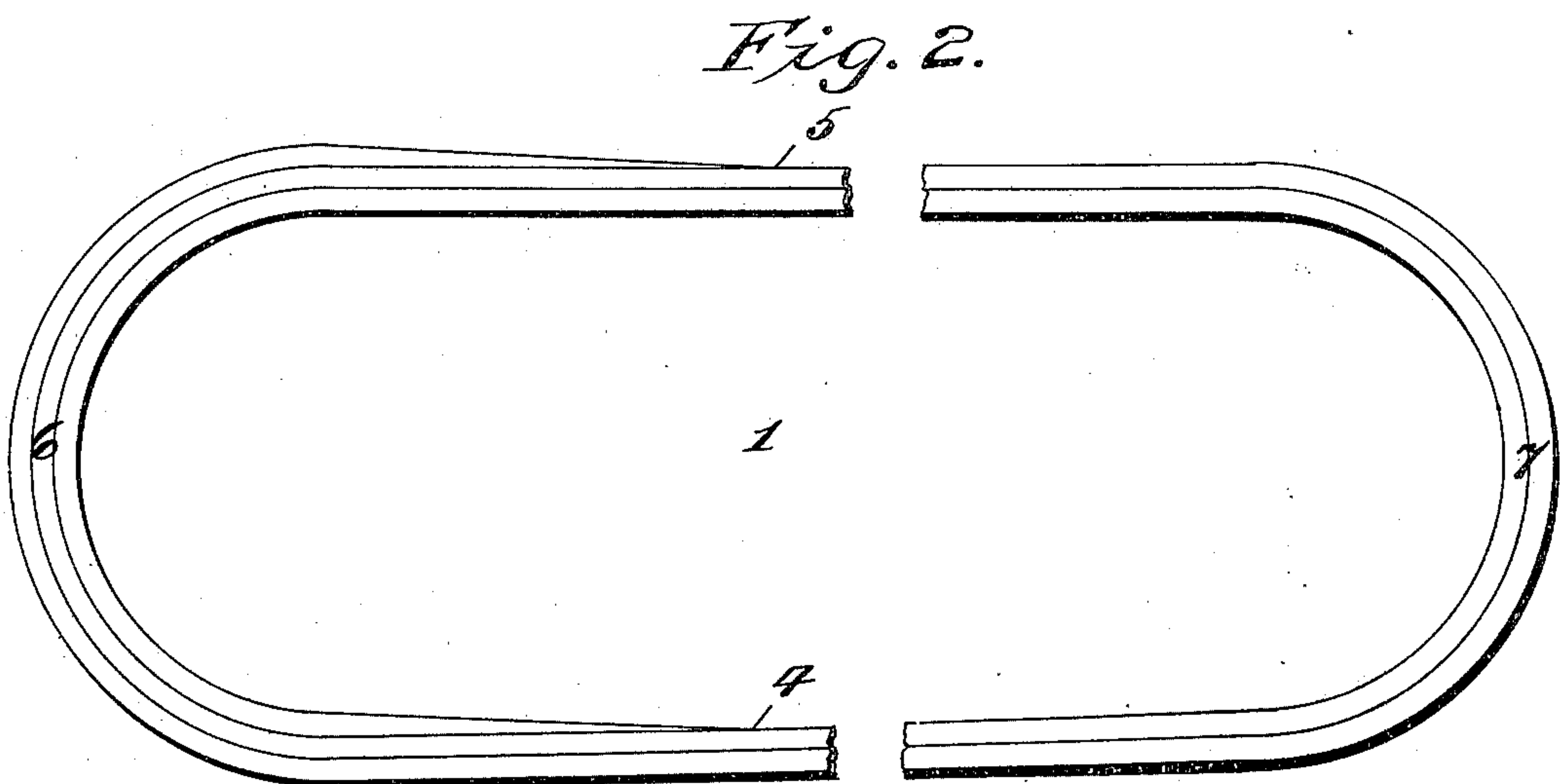
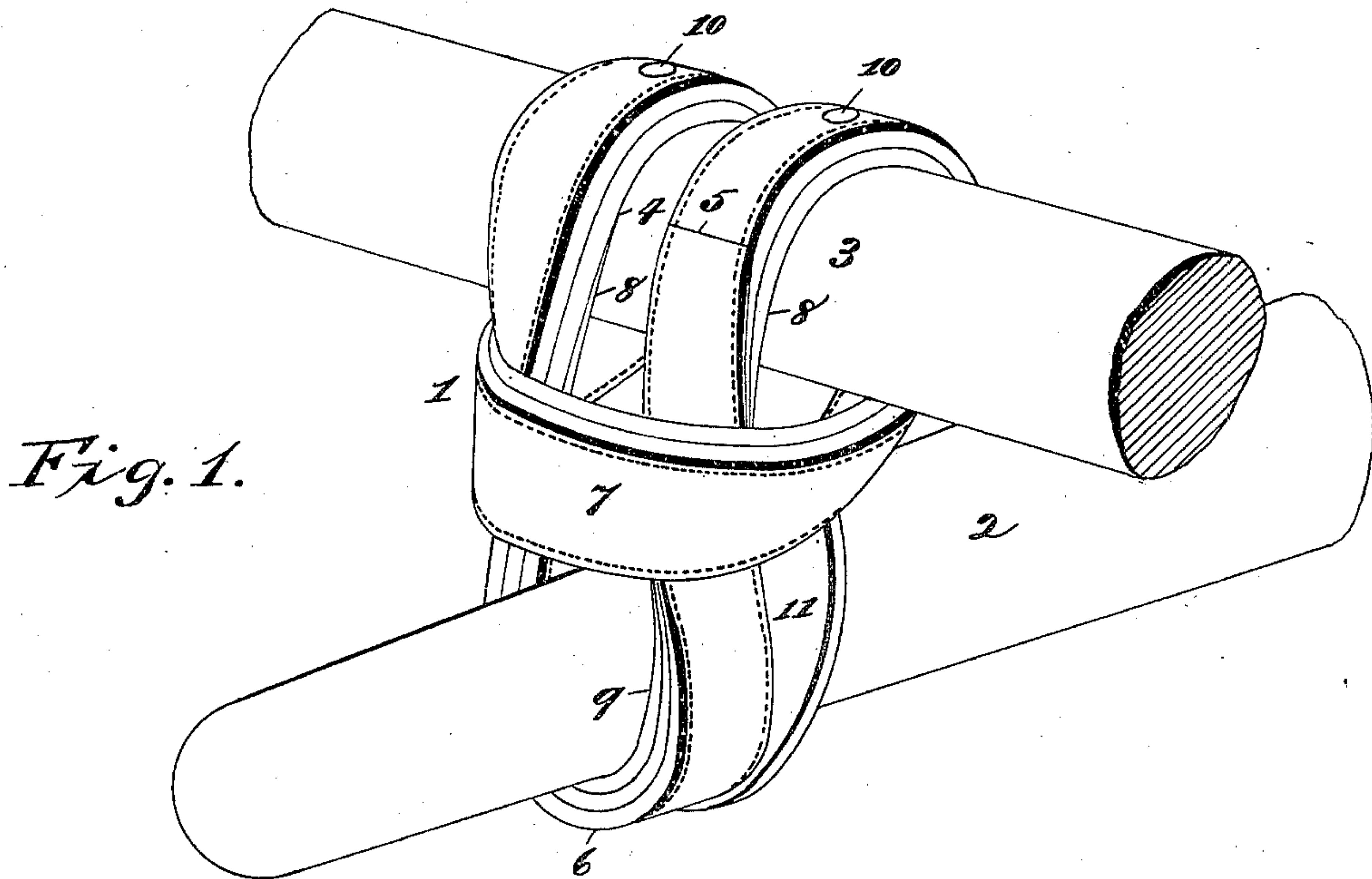
No. 701,415.

Patented June 3, 1902.

E. C. SUMMERS.
NECK YOKE CENTER.

(Application filed Apr. 5, 1902.)

(No Model.)



Witnesses:

E. C. Dwyer

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per

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UNITED STATES PATENT OFFICE.

EDWIN CHARLES SUMMERS, OF GUYMON, OKLAHOMA TERRITORY.

NECK-YOKE CENTER.

SPECIFICATION forming part of Letters Patent No. 701,415, dated June 3, 1902.

Application filed April 5, 1902. Serial No. 101,496. (No model.)

To all whom it may concern:

Be it known that I, EDWIN CHARLES SUMMERS, a citizen of the United States, residing at Guymon, in the county of Beaver and Territory of Oklahoma, have invented certain new and useful Improvements in Neck-Yoke Centers; and I do hereby 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.

My invention relates to neck-yoke centers, and has for its object to provide a device of this class which is simple in construction, easy of operation, and composed of a minimum number of parts.

With this object in view my invention consists in providing a neck-yoke center which is constructed of one piece of leather and so formed and arranged that the greater the pull on the yoke the tighter and more secure the neck-yoke center is held in position.

My invention further consists in forming the neck-yoke center and necessary reinforcements of one piece of leather.

My invention further consists in certain other novel features of arrangement and in combination of parts, which will be first fully described and afterward specifically pointed out in the appended claims.

Referring to the accompanying drawings, Figure 1 is a perspective view of the neck-yoke center in an operative position. Fig. 2 is a top plan of the neck-yoke center before twisting, a portion being broken away in order to enlarge the view.

Like numerals of reference indicate the same parts throughout both figures, in which—

1 is the neck-yoke center, 2 the pole, and 3 the yoke.

The neck-yoke center 1 is made of a single piece of leather, starting at 4. After making two complete rounds said leather or strap is stopped at 5, which operation causes the neck-yoke center to have three thicknesses or layers of material, as shown on the left of Fig. 2, and only two layers or thicknesses on the right thereof, thus forming the reinforce-

ment 6. In order to twist the neck-yoke center in position, I carry the end 7 back and over the reinforced end 6, which operation causes two openings 8 to be formed and also an opening 9 at right angles to the two openings 8 and below the same. The yoke 3 is passed through the two openings 8 and the yoke is securely fastened thereon, preferably by means of two bolts or screws 10, although any other substantial manner of fastening may be employed. It will be seen by referring to Fig. 1 that the operation causes the reinforced portion 6 to surround the lower opening 9, which carries the pole 2, said pole being provided with the ordinary collar 11.

Having thus described my invention, I do not wish to be understood as limiting myself to the exact construction as herein set forth, as various slight changes may be made therein which would fall within the limit and scope of my invention as defined by the following claims, and I consider myself clearly entitled to all such changes and modifications.

What I claim as new, and desire to secure by Letters Patent of the United States, is—

1. A neck-yoke center formed by carrying the end 7, of the material under and over the end 6, thereby forming openings 8 for the yoke, and an opening 9 for the pole; the whole arranged whereby the greater the pull on the pole, the tighter the yoke is held.

2. A neck-yoke center formed by carrying the end 7 under and over the end 6, thereby forming openings 8 for the yoke, and an opening 9 for the pole.

3. A neck-yoke center formed of a strap, the free ends of which are secured to itself; the said strap being then twisted whereby the end 7 is carried under and over the end 8; thereby forming openings for the yoke and pole.

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

EDWIN CHARLES SUMMERS.

Witnesses:

CALVIN GLENN,
W. F. WOOSTER.