

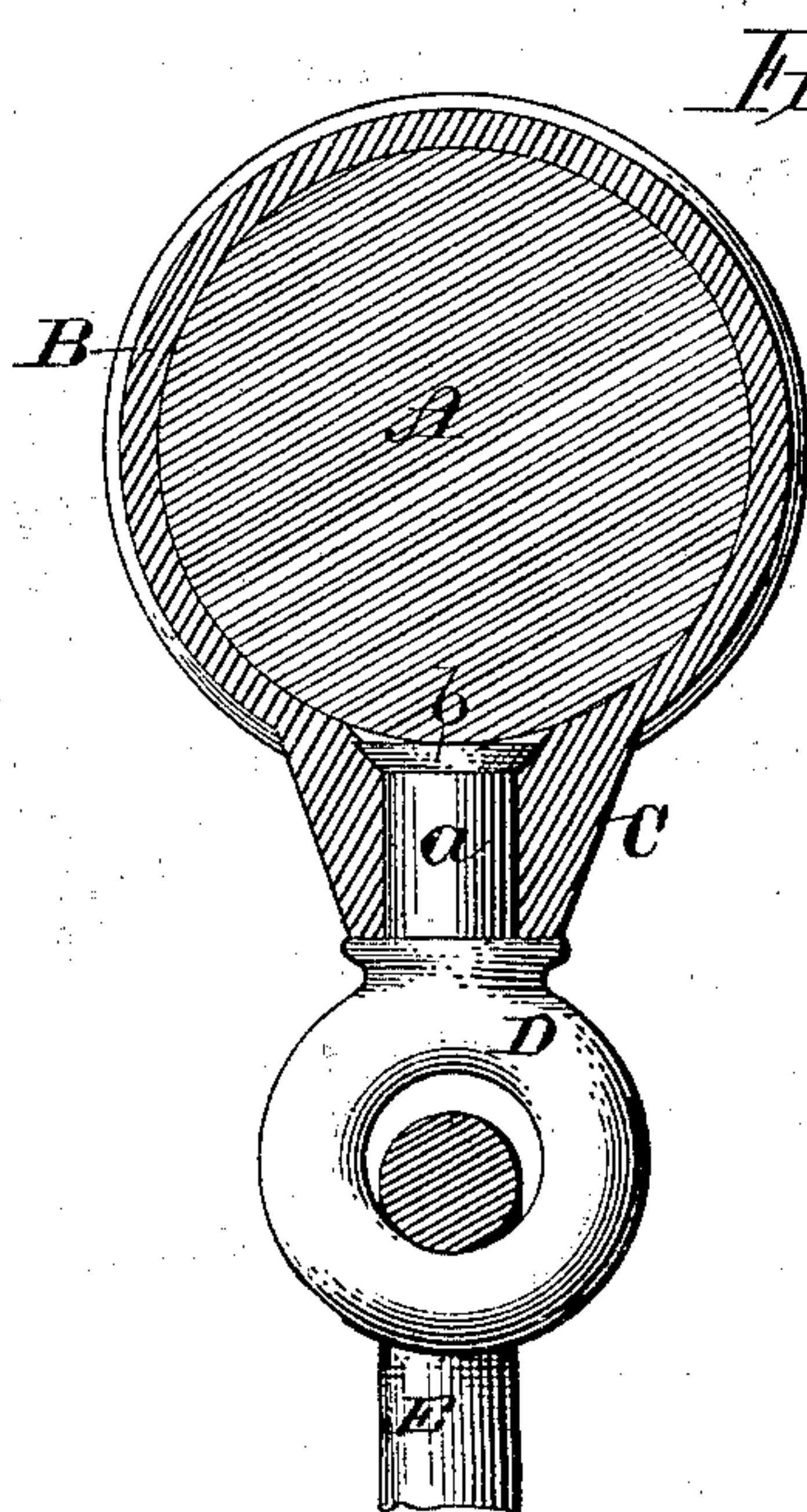
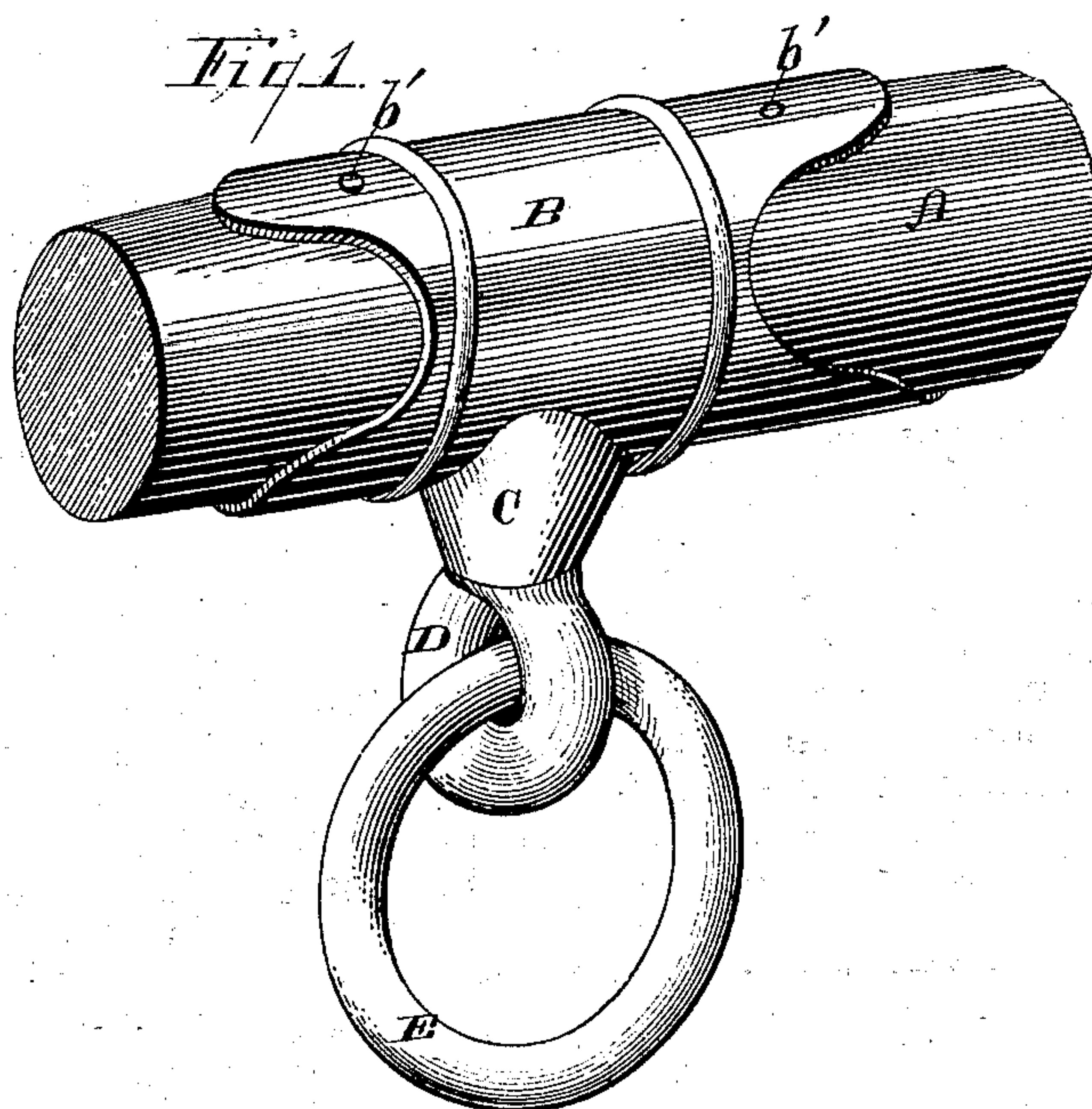
(No Model.)

J. JENSEN.

NECK YOKE.

No. 280,183.

Patented June 26, 1883.



Witnesses:

E. L. Asmus
Henry Harrison

Inventor:

Jens Jensen
By J. Stont & Underwood
Attorneys.

UNITED STATES PATENT OFFICE.

JENS JENSEN, OF RACINE, WISCONSIN.

NECK-YOKE.

SPECIFICATION forming part of Letters Patent No. 280,183, dated June 26, 1883.

Application filed December 13, 1881. (No model.)

To all whom it may concern:

Be it known that I, JENS JENSEN, of Racine, in the county of Racine, and in the State of Wisconsin, have invented certain new and useful Improvements in Neck-Yoke Center-Irons; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention relates to the center-irons of neck-yokes; and it consists in certain peculiarities of construction, as more particularly set forth hereinafter.

In the drawings, Figure 1 represents my device in perspective applied to a neck-yoke, and Fig. 2 is a vertical cross-section of the same.

The neck-yoke A is made of wood in the usual way, only the central portion of the same being represented in the drawings. Heretofore the said yokes have usually been perforated through the center to receive the bolt or shank of the depending ring which is to receive and support the pole of a wagon, and this perforation has weakened the yoke, rendering it liable to break or split on being subjected to any unusual strain or sudden jerk. My invention is intended to remedy this, as well as to provide a simpler, cheaper, and better construction generally over the styles now in use.

In carrying my invention into effect I first construct the ring D with shank *a*, of wrought or malleable iron, and upon this I chill the hub C of the sleeve B, cast in the usual manner. The effect of this is to enable the shank

a to turn freely within the hub C, while the top *b* of this shank is only flush with the inner periphery of the sleeve B. The ring E is preferably made of wrought-iron. The sleeve B is then forced upon the yoke A, shaped to receive it at its center, and the said sleeve may be additionally secured in place by small nails or screws *b' b'*, which enter the wood sufficiently to hold the center-iron firmly in position thereon, but not enough to weaken the yoke, as was the case when a hole was bored entirely through it to receive the shank or bolt of the ring.

In light neck-yokes the lower ring, E, may be dispensed with and the ring D correspondingly enlarged.

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

A neck-yoke center-iron consisting of a sleeve cast in one piece with a hub, C, which is chilled upon the wrought-iron shank *a* of a depending ring, D, the said shank revolving in the hub free from contact with the yoke, and the whole adapted to be secured to the yoke without perforating the latter, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 28th day of November, 1881.

JENS JENSEN.

Witnesses:

STANLEY S. STOUT,
HAROLD G. UNDERWOOD.