

(No Model.)

J. L. RYNO.
NECK YOKE CENTER.

No. 291,005.

Patented Dec. 25, 1883.

Fig. 1.

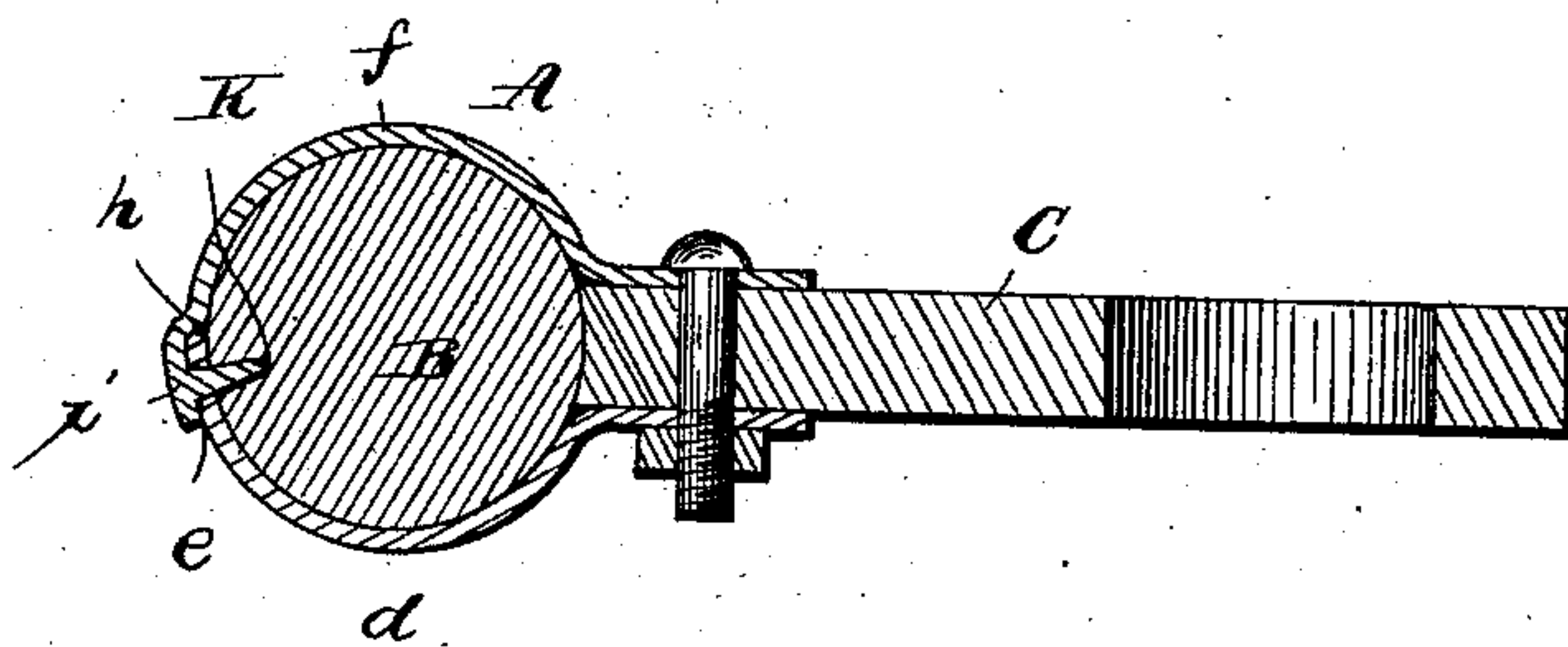
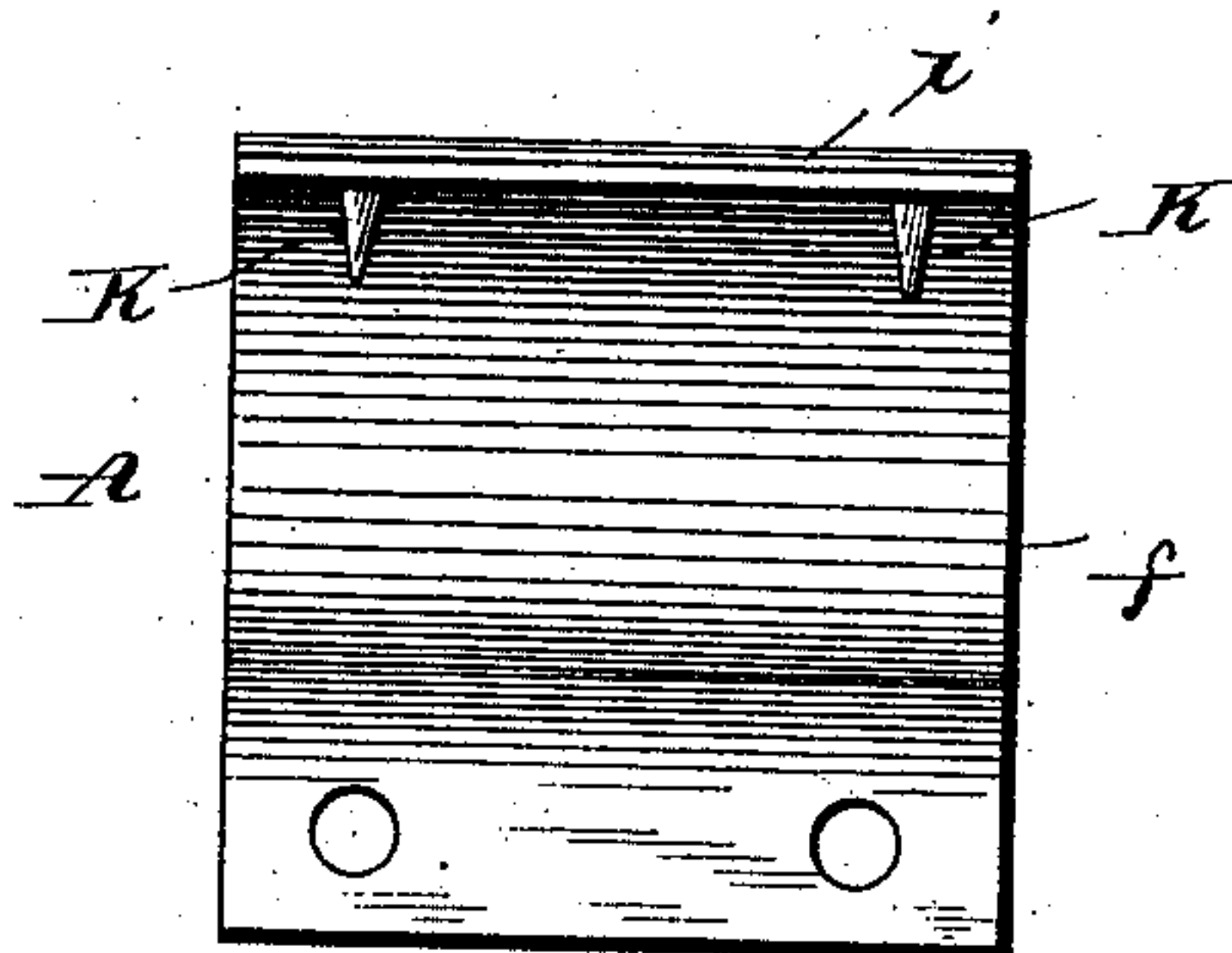


Fig. 2.



WITNESSES

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NECK-YOKE CENTER.

SPECIFICATION forming part of Letters Patent No. 291,005, dated December 25, 1883.

Application filed August 4, 1883. (No model.)

To all whom it may concern:

Be it known that I, JOHN L. RYNO, a citizen of the United States, residing at Farmer Village, in the county of Seneca and State of New York, have invented certain new and useful Improvements in Neck-Yoke Centers, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to certain improvements in the center connection of neck-yokes employed on the forward end of the tongue or pole of vehicles to connect with the harness of a team.

15 Heretofore, prior to my invention, the divisible pole-loop clasp has been secured to the neck-yoke by means of screws, or screws and rivets, and in practice these fastenings are objectionable, on account of the screws becoming loosened and working out, and the rivets materially weakening the neck-yoke.

20 The objects of my invention are to obviate these defects by dispensing with all auxiliary fastening means, and to produce a simple and cheap device that can be easily and quickly applied to the neck-yoke.

25 My improvement consists in a pole-loop clasp composed of two sections, one section being provided at its curved end with one or more openings, and the other section being provided with an overlapping lip, and with one or more spurs or projections to register with and fit into the openings in the other section.

30 My invention further consists in the novel construction and arrangement of parts, as will be hereinafter more fully set forth.

35 In the annexed drawings, Figure 1 is a transverse sectional view of a neck-yoke, the pole-loop connection, and the pole-loop; and Fig. 2 is a front view of the overlapping section of the clasp, showing the inner construction and the spurs.

40 In the figures, A represents the improved sectional clasp or connection uniting the neck-yoke B and pole-loop C. The sectional clasp is preferably made of cast or malleable iron, although the parts may be made of wrought-iron struck up in suitable dies. The section 45 d, which comprises the segment of a cylinder

to embrace the neck-yoke, and a perforated flange to rest against one side of the pole-loop, is formed at its curved end with two openings, e, suitably arranged in a horizontal line or zigzag order. The other section, f, which 55 likewise comprises a segment and a perforated flange to agree with its opposite section, is provided with the shoulder h and lip or extension i, to overlap the curved edge of the opposite section, as seen in Fig. 1 of the drawings. 60

Cast or formed integral with the lip i of the section f are two inward spurs or projections, k, to register with and fit into the openings e of the oppositely-arranged clasp-section. 65

It is obvious that the spurs k and the corresponding openings for them may be of any number above one, and also that the spurs may be made separately and afterward attached. 70

The section d of the clasp is first applied to the neck-yoke, and, by means of a suitable tool, small punctures are made in the wood to correspond with the relative arrangement of the holes in the section; then the other section of the clasp is applied and the spurs thereof fitted into the openings of the opposite clasp-section and into the punctures of the neck-yoke, after which the pole-loop 75 is inserted between the flanges and secured in the usual manner by bolts and nuts. 80

I reserve the right to slightly vary the construction of the parts without departing from the spirit of my invention. 85

What I claim is—

As an improved article of manufacture, the pole-loop connection composed of two sections, one section being provided with holding-spurs extending inwardly, and the other 90 section with openings through which the spurs pass into the wood of the neck-yoke, substantially as described.

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

JOHN L. RYNO.

Witnesses:

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O. G. WHEELER.