

(Model.)

J. H. OSBORNE.

NECK YOKE.

No. 282,918.

Patented Aug. 7, 1883.

Fig. 1

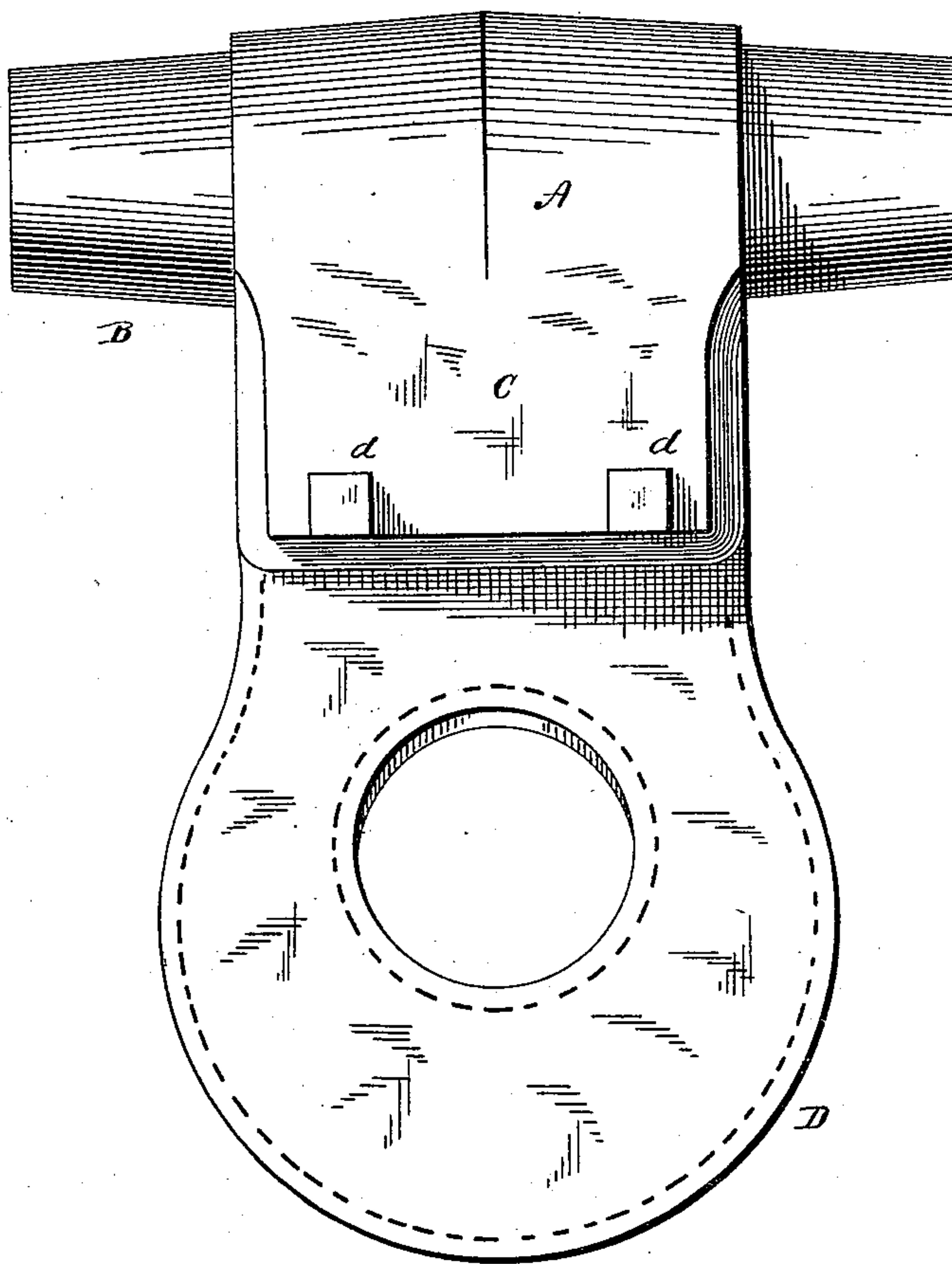
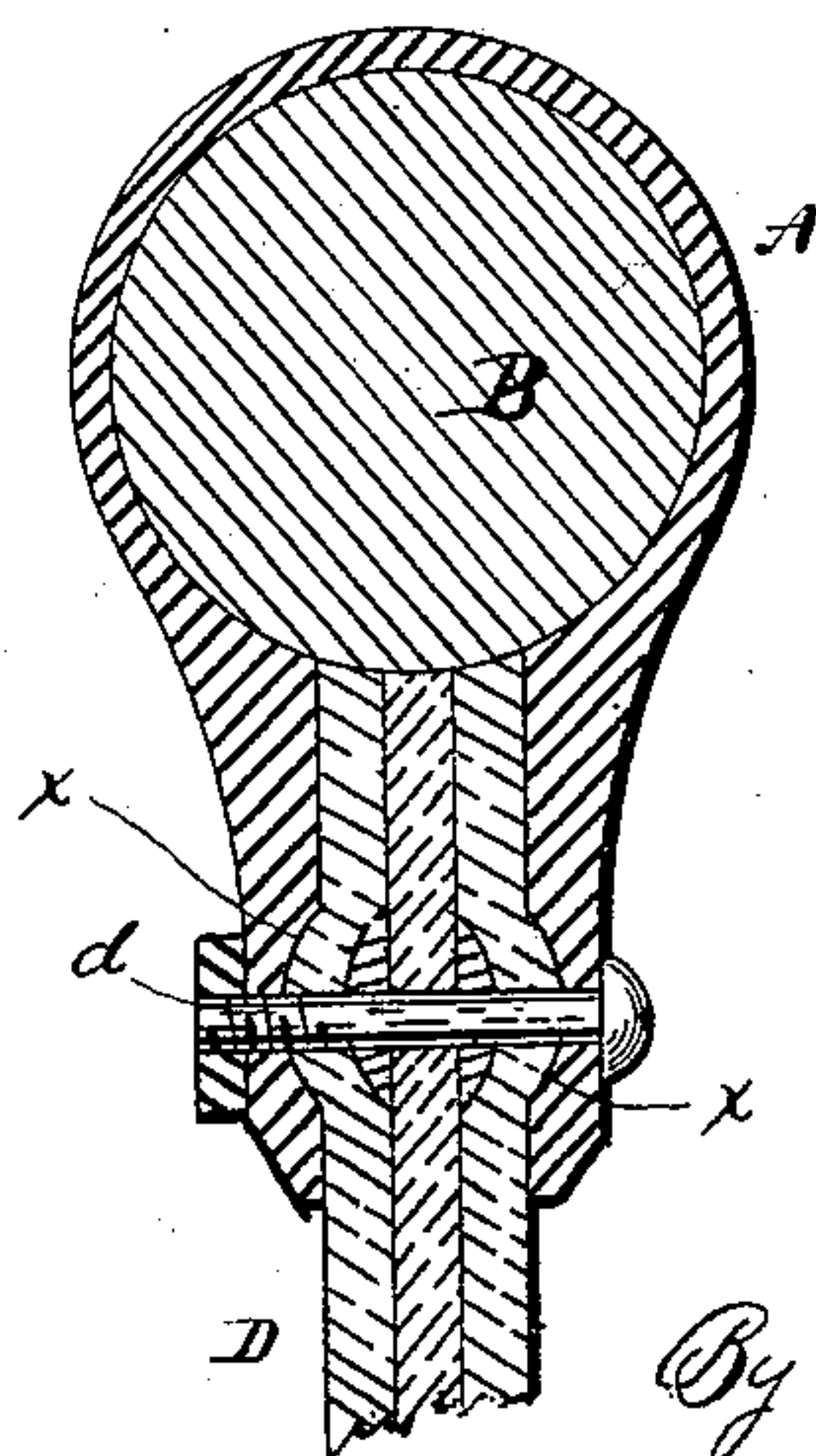


Fig. 2.



Witnesses.
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UNITED STATES PATENT OFFICE.

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NECK-YOKE.

SPECIFICATION forming part of Letters Patent No. 282,918, dated August 7, 1883.

Application filed April 14, 1883. (Model.)

To all whom it may concern:

Be it known that I, JOHN H. OSBORNE, a citizen of the United States, residing at Hayt's Corners, in the county of Seneca and State of New York, have invented certain new and useful Improvements in Neck-Yoke Clips, of which the following is a specification, reference being had therein to the accompanying drawings.

10 My invention relates to neck-yokes for double teams in driving, and has for its object a mode of securing the clip of the yoke to the yoke-stick itself and to the pole-leather, as will be hereinafter more particularly described.

15 In the annexed drawings, making part of this specification, Figure 1 represents a plan view, and Fig. 2 a cross-section.

A represents the clip which surrounds the yoke-stick B. This clip is made of malleable iron, and is provided with two ears, C C, which embrace the neck-yoke leather D. These ears are provided with bolt-holes, and have formed on their inner faces each a lateral groove, which is semicircular in shape, as seen at *x x*.
25 A portion of the leather D, which is held between the ears, is provided with a semicircular rib, which is placed and secured beneath one of the layers of said leather. These ribs are made to correspond with the shape of the grooves and lie in them when the two ends of the clip are bolted together.
30

The clip, after being annealed, being capable of spreading some, is passed over the yoke-stick B. The leather is then inserted between

the ears of the clip, so that one end rests 35 against the yoke, and the ribs are in position to enter the grooves. Screw-bolts *d d* are then passed through the ears, and said ears are bound firmly to the leather. The act of closing the ears closes at the same time the clip 40 upon the yoke-stick so tightly that said clip can neither turn upon the stick nor be removed endwise from it.

The leather can only be taken from the clip and the clip from the yoke-stick by removing 45 the bolts. The leather is composed, as usual, of a number of layers of leather, and is provided with the usual opening for receiving the pole.

It will readily be seen that by this arrange- 50 ment the leather and yoke are readily and firmly attached to the yoke-stick, and may speedily be detached therefrom when desired.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, 55 is—

The clip A, having grooves *x x* formed in each inner face of its ears, in combination with the yoke-stick and the leather D, beneath the folds of which are secured ribs which lie in the 60 grooves, the several parts being bolted together, substantially as specified.

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

JOHN H. OSBORNE.

Witnesses:

F. B. SEELY,
W. W. PAYNE.