

(No Model.)

W. COSBIE.
HORSE COLLAR.

No. 318,544.

Patented May 26, 1885.

Fig. 2.

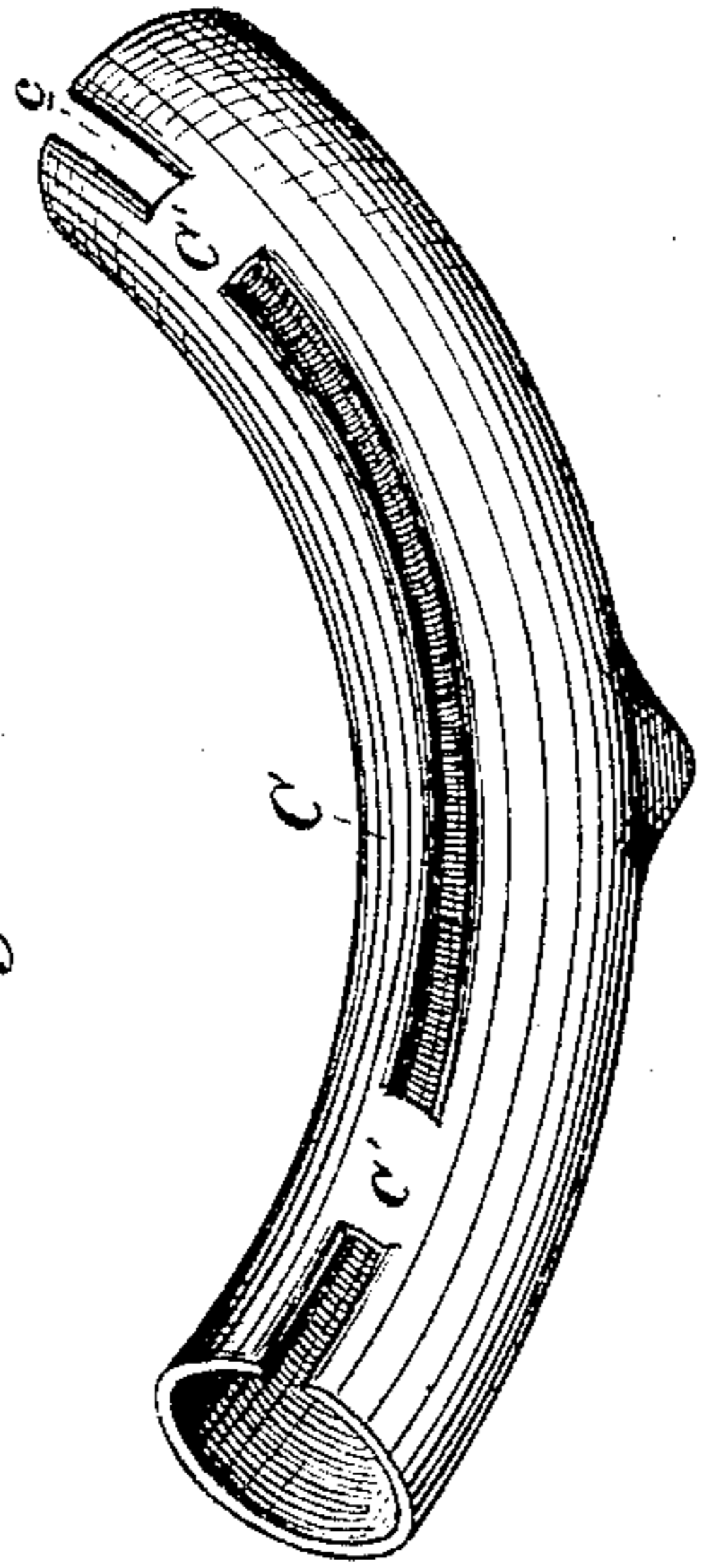


Fig. 4.

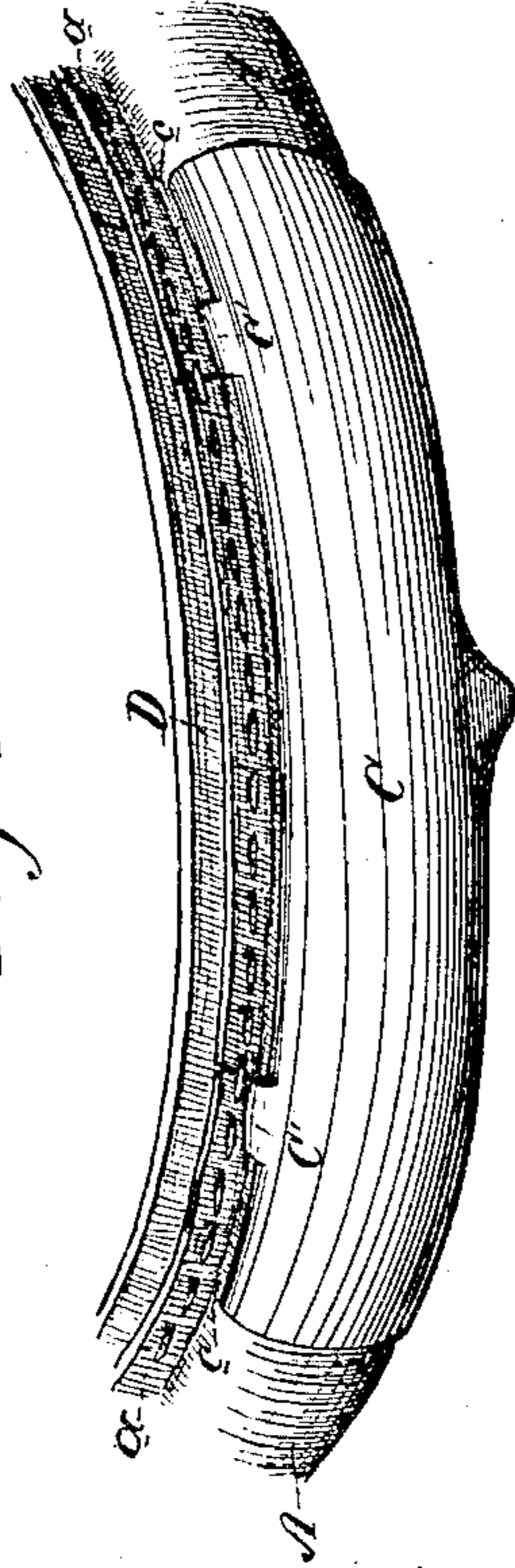


Fig. 1.

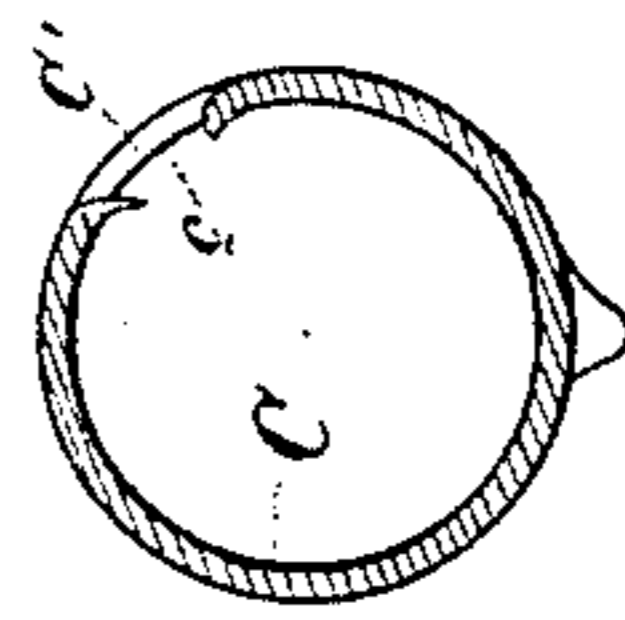
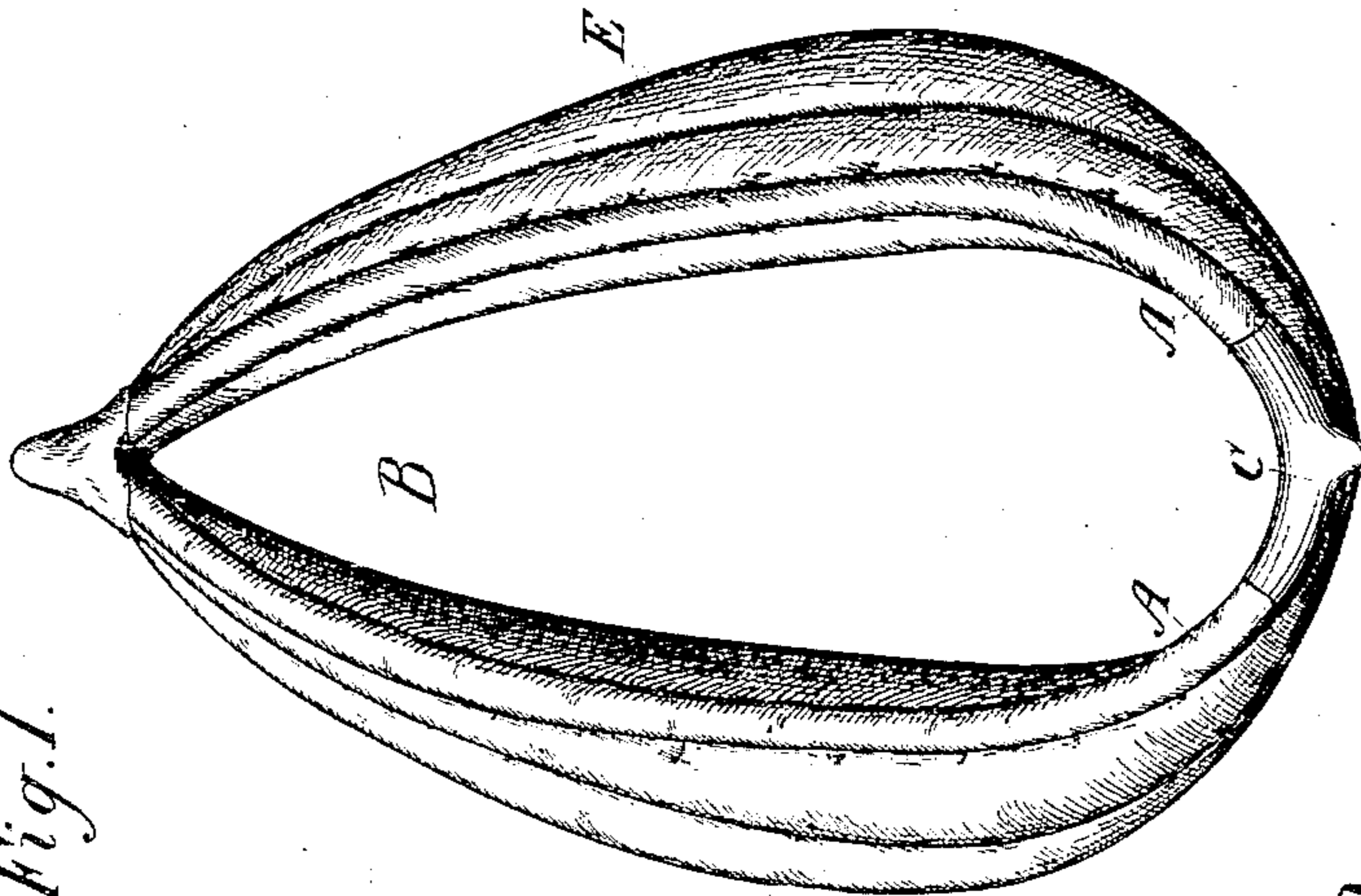


Fig. 3.

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UNITED STATES PATENT OFFICE.

WILLIAM COSBIE, OF SAN FRANCISCO, CALIFORNIA.

HORSE-COLLAR.

SPECIFICATION forming part of Letters Patent No. 318,544, dated May 26, 1885.

Application filed October 16, 1884. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM COSBIE, of the city and county of San Francisco, and State of California, have invented an Improvement in Horse-Collars; and I hereby declare the following to be a full, clear, and exact description thereof.

My invention relates to that class of horse-collars in which a metallic tubular throat-piece is used to encircle the bottom or throat of the rim, as exemplified by Letters Patent of the United States No. 277,463, issued to me May 15, 1883.

My invention consists in an improved metallic tubular throat-piece, the novelty of which lies in an elongated slot at its back crossed by ties near each end, whereby the piece is readily fitted to the rim. The edges or lips of the rim, together with the fly to which the belly is attached, project through the slot, and the tubular piece is firmly held to place by the cross-ties, all of which I shall herein-after fully explain.

The object of my invention is to provide a simple and effective metallic tubular throat-piece adapted to be readily applied, and to brace or shape and strengthen the rim not only while in the process of stuffing, but afterward when in use.

Referring to the accompanying drawings, Figure 1 is a front view of the collar. Fig 2 is a perspective view of the metallic tubular throat-piece. Fig. 3 is a cross-section of same. Fig. 4 is a view showing the application of the throat-piece to the rim.

A is the lower portion of the rim of a collar, B, and C is the metallic tubular throat-piece fitted upon said rim. The back of this tubular piece is provided with an elongated slot, *c*, across the ends of which extend the tie-pieces *C'*. The edges or lips *a* of the rim project through the slot *c*, as does also the usual fly, D, to which the belly E of the collar is secured. The edges or lips and the fly are stitched together, as shown, and the cross-ties *C'* pass through them in suitable cuts made for the purpose, said cuts being subsequently stitched up, Fig. 4. In this manner the metallic throat-piece can readily be fitted to the

rim, and is effectively held by its cross-ties, while it braces and strengthens the throat of the rim, preventing it from spreading during the process of stuffing, and from getting out of shape when in use.

In order to prevent the edges of the slot from cutting the lips of the rim, I round them off, as shown in Fig. 3, and also bevel down the inner edge in order to make it lie as flush as possible with the inner side of the rim, Fig. 4. This throat-piece is adapted for a rim severed at the throat, as well as for a continuous rim, as herein shown, and it may be made as ornamental as desirable.

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

1. In a horse-collar, the metallic open-end tubular throat-piece C, formed in a single piece and having the elongated slot *c* at its back, through which the edges or lips of the rim and the fly D project, said throat-piece having cross-ties *C'* traversing the slot, and passing through said edges or lips and the intervening fly, substantially as herein described.

2. In a horse-collar, the metallic tubular throat-piece C, having an elongated slot, *c*, at its back, the edges of which are suitably rounded or beveled for the purpose described, and having the cross-ties *C'*, said throat-piece being fitted to the rim of the collar, the edges or lips of which, with the intervening fly, project through the slot and are engaged by the cross-ties, substantially as herein described.

3. In a horse collar, and in combination with its rim and belly continuous at the throat, the metallic tubular throat-piece C, made in one piece, and having an elongated slot, *c*, at its back, by which it is fitted to the rim, and through which the edges or lips of said rim and the fly D project, substantially as described.

In witness whereof I have hereunto set my hand.

WILLIAM COSBIE.

Witnesses:

H. C. LEE,

J. H. BLOOD.