

(No Model.)

J. F. TRAUTMANN.

HORSE COLLAR.

No. 277,857.

Patented May 15, 1883.

Fig. 1.

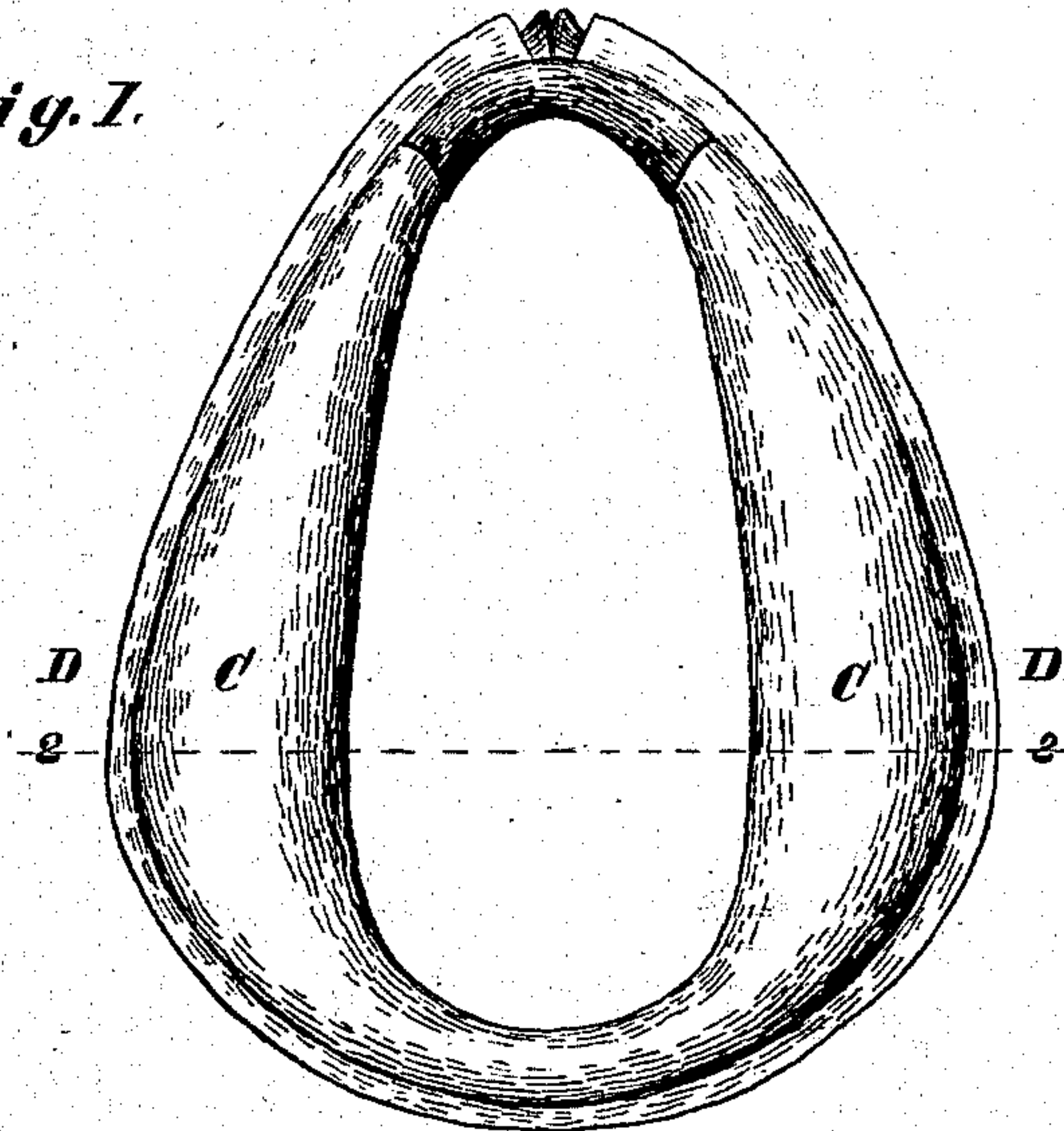


Fig. 2.

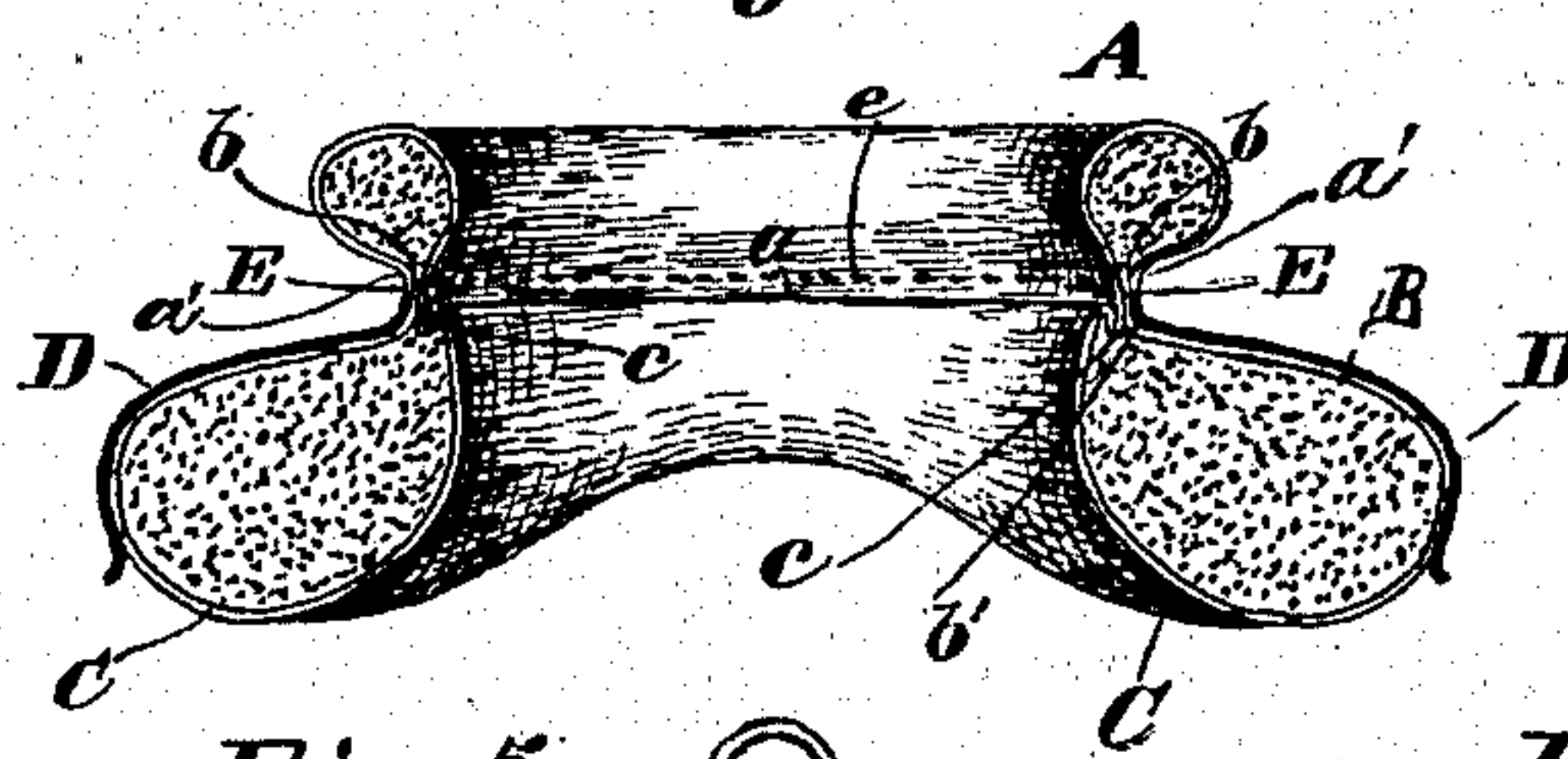


Fig. 3.

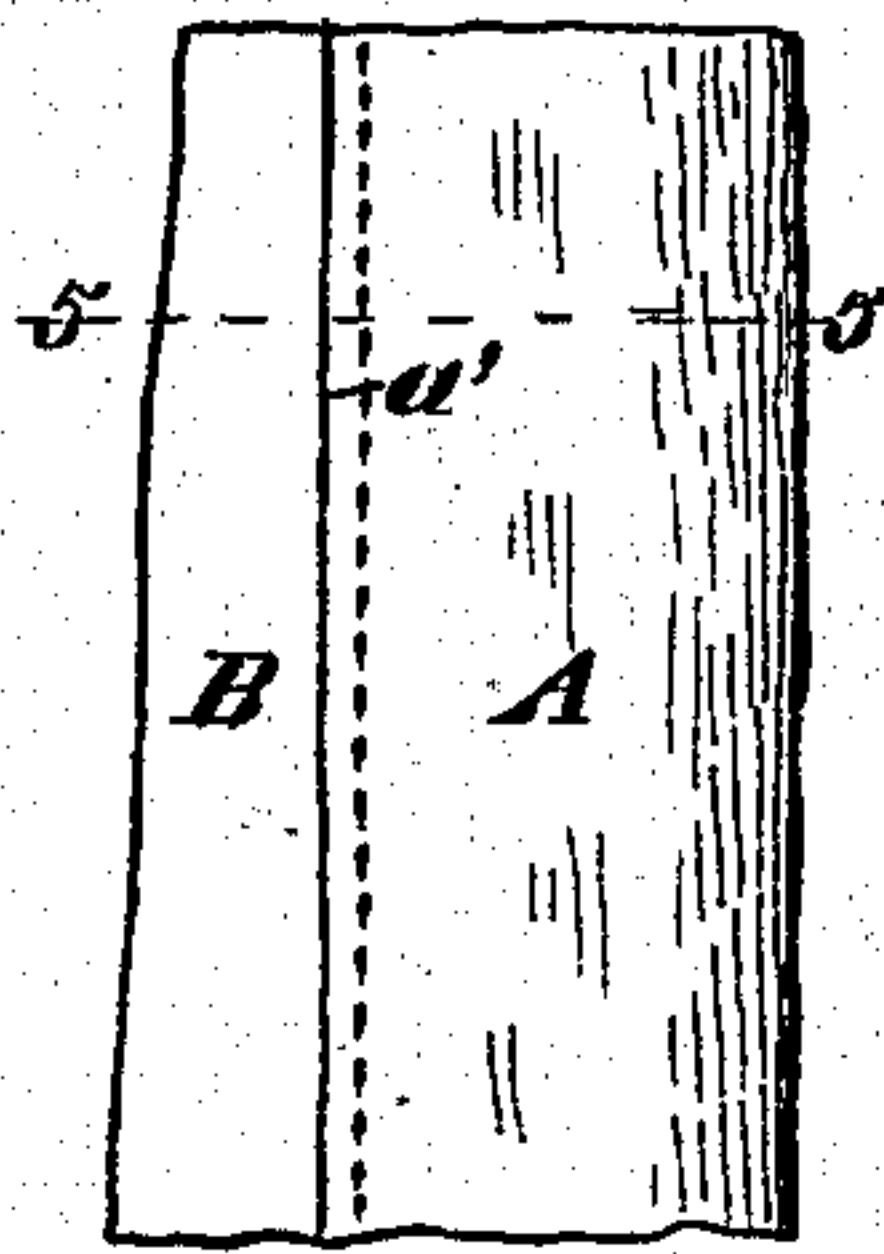


Fig. 5.

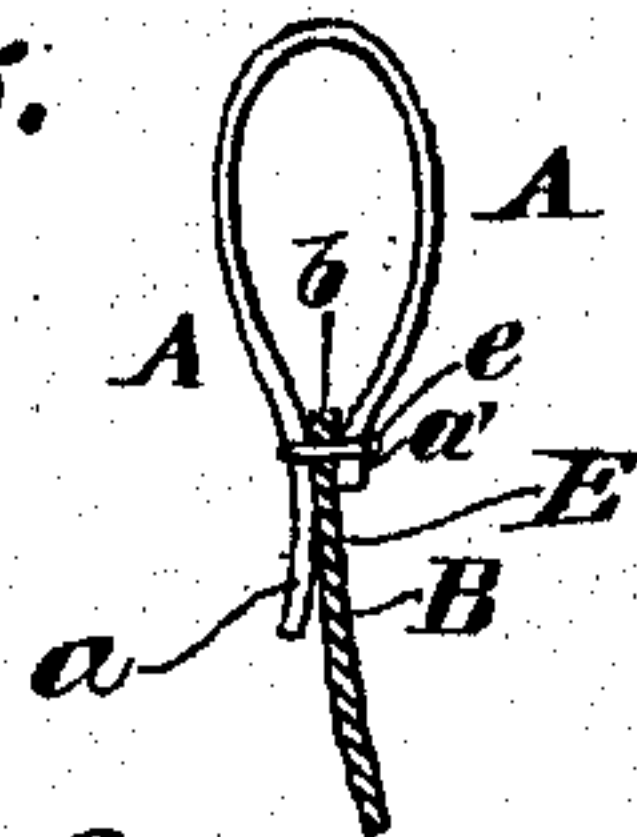


Fig. 4.

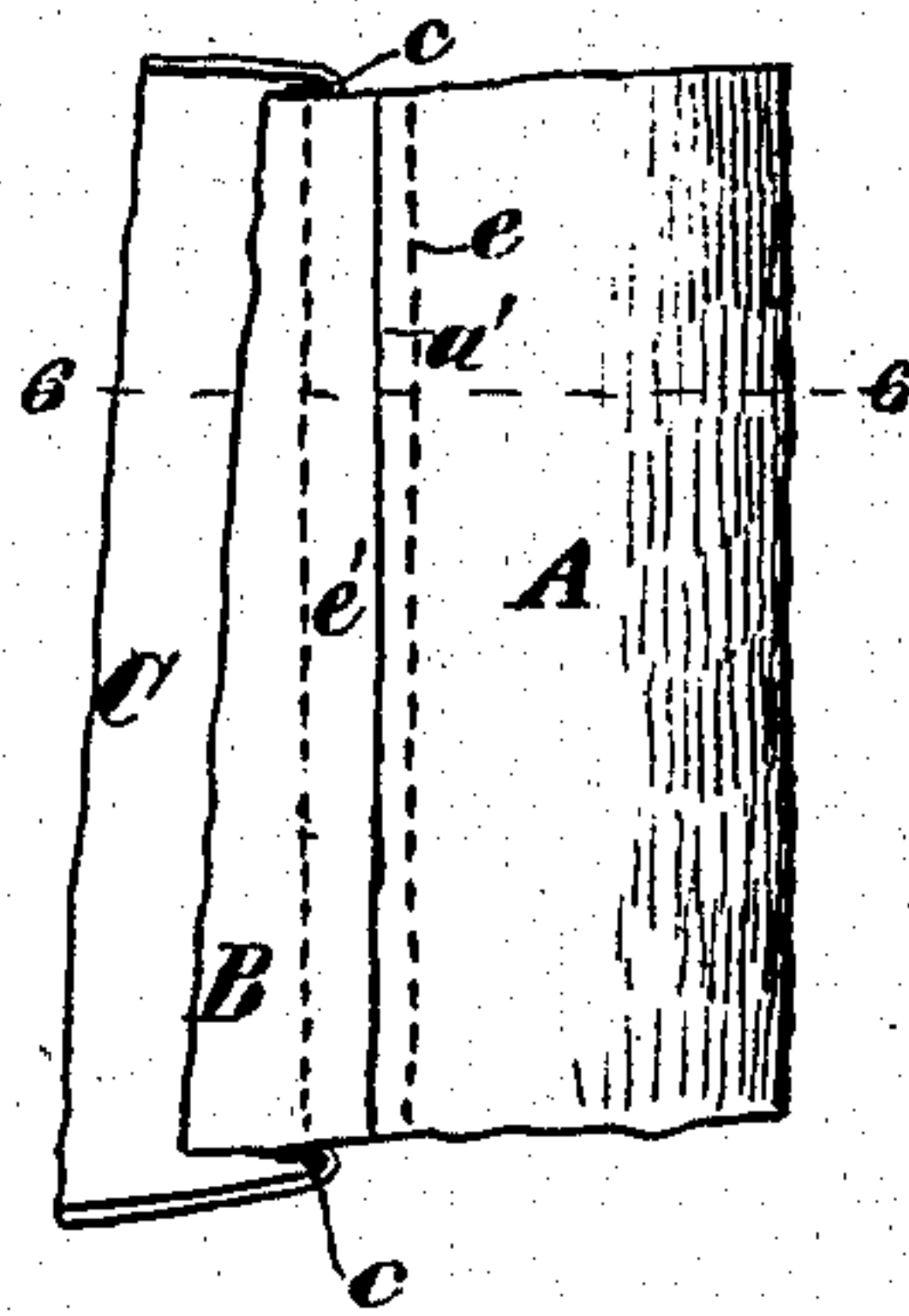


Fig. 6.

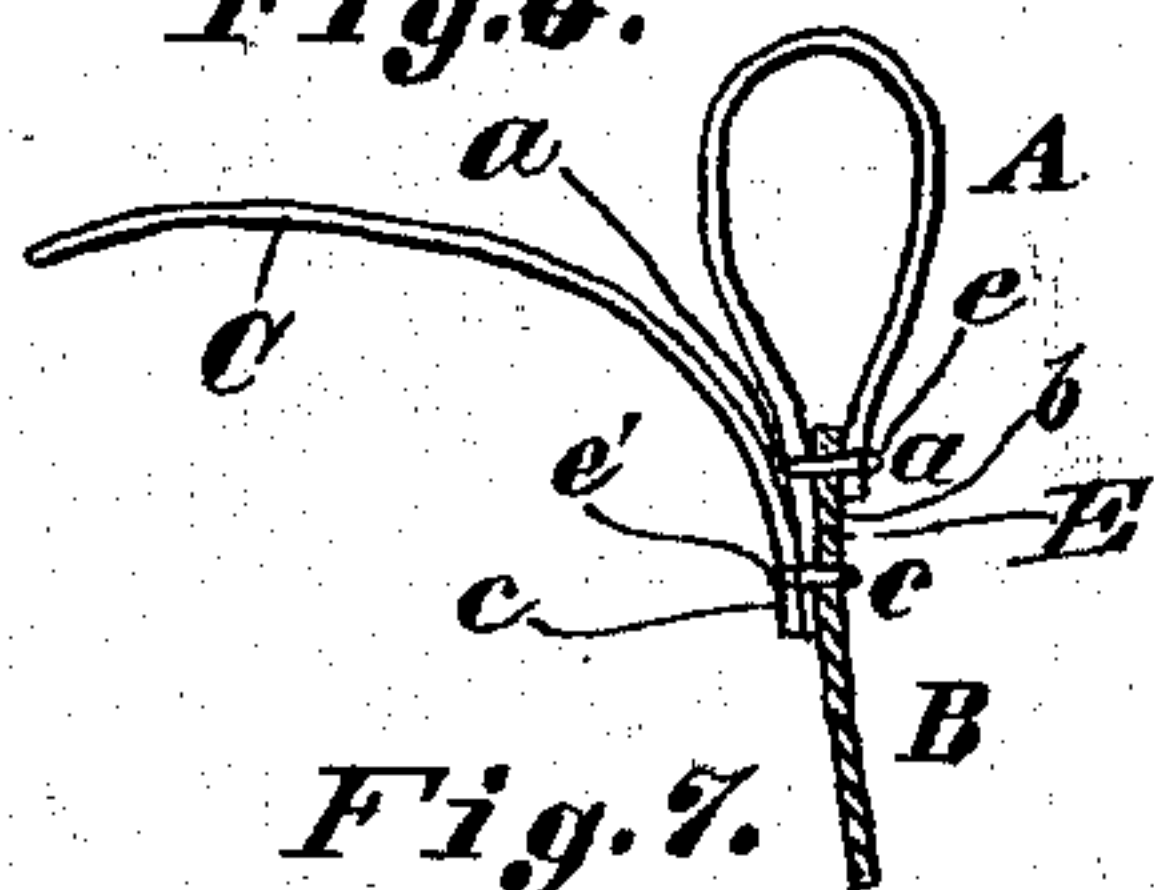


Fig. 8.

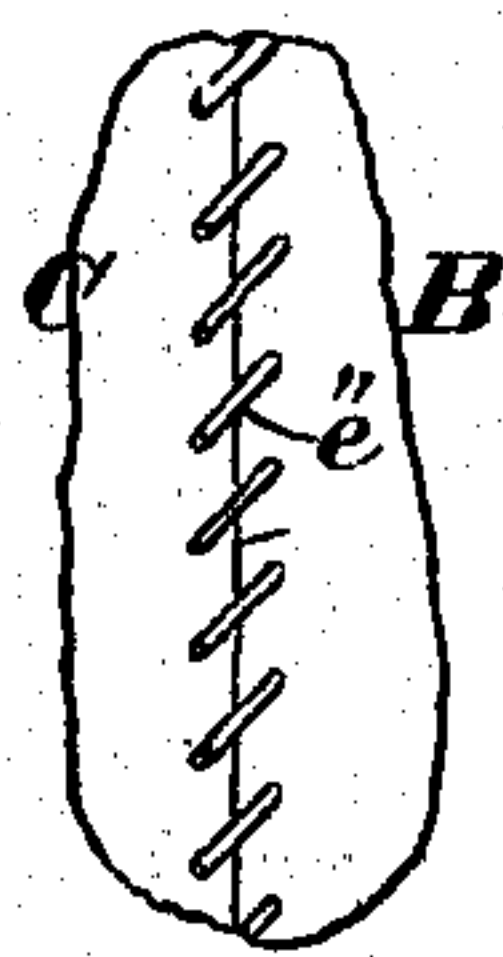
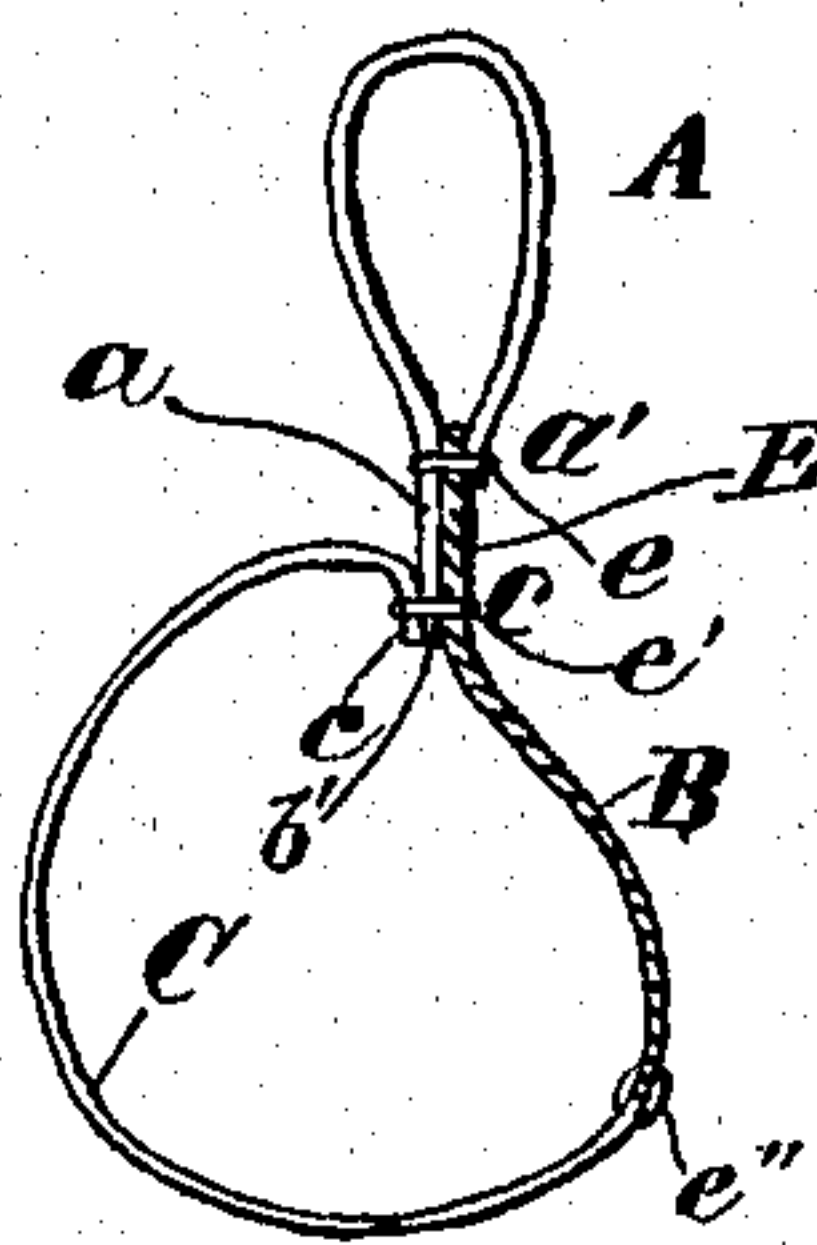


Fig. 7.



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UNITED STATES PATENT OFFICE.

JOHN F. TRAUTMANN, OF ST. LOUIS, MISSOURI.

HORSE-COLLAR.

SPECIFICATION forming part of Letters Patent No. 277,857, dated May 15, 1883.

Application filed June 9, 1882. (No model.)

To all whom it may concern:

Be it known that I, JOHN F. TRAUTMANN, of the city of St. Louis, in the State of Missouri, have invented new and useful Improvements in the Manufacture of Horse-Collars, of which the following is a specification.

My improvement consists in a collar in which the fore-wale-piece laps have a lap of the backing of the after wale-piece secured between them, and the inner lap of the fore wale-piece secured between the backing and an inturned lap of the facing, which projects in the same direction as the inner lap, a web being left between the fore wale and the after wale, as hereinafter set forth.

In order that my invention may be fully understood, I will proceed to describe it with reference to the accompanying drawings, in which—

Figure 1 is an elevation of my improved horse-collar, viewed from the inside. Fig. 2 is a horizontal section on the line 2 2, Fig. 1, looking down. Fig. 3 is a side view of the fore wale-piece, showing a portion of the backing of the after wale-piece. Fig. 4 is a similar view, showing a portion of the backing secured thereto. Fig. 5 is a transverse section on the line 5 5, Fig. 3. Fig. 6 is a transverse section on the line 6 6, Fig. 4. Fig. 7 is a transverse section, the stuffing and shoulder-piece being omitted. Fig. 8 shows in detail the mode of connecting the facing and backing together.

A is the fore wale-piece or rim, B the backing, C the facing of the after wale-piece or body, and D the shoulder-piece, of any suitable material. The backing B has a lap, *b*, secured between the laps *a* and *a'* of the fore wale-piece by a row of stitching, *e*. The inner

lap, *a*, is secured between the inturned lap *c* of the facing C and the base *b'* of the lap *b* of the backing by a row of stitching, *e'*, the rows of stitching being a considerable distance apart to provide a broad web, E, for the hames. The backing B and facing C are joined at their meeting edges by a row of stitching, *e''*, as shown more clearly in Figs. 7 and 8. To complete the formation of the collar it is stuffed, and then a shoulder-piece, D, is sewed on if desired.

My improved collar is easily constructed and strong. The outer lap, *a'*, of the fore wale-piece is the only lap exposed on the collar, and this is concealed by the application of the hames. It will be seen that the laps *a* and *b*, forming the web, are the only connection between the fore wale and the after wale. By my mode of putting the covering-pieces together the rows of stitching *e* and *e'* pass through only three laps, as clearly shown in Figs. 5, 6, and 7.

Having thus described my invention, the following is what I claim as new therein and desire to secure by Letters Patent:

In a horse-collar, the combination of fore wale-piece, A, having inner and outer laps, *a a'*, a backing, B, having lap *b*, secured between said laps of the fore wale-piece by a row of stitching, *e*, and a facing, C, having inturned lap *c*, secured to the inner lap of the fore wale-piece and to the backing by a row of stitching, *e'*, providing a web, E, between the fore wale and after wale, as set forth.

JOHN F. TRAUTMANN.

Witnesses:

SAML. KNIGHT,
GEO. H. KNIGHT.