

No. 610,403.

Patented Sept. 6, 1898.

O. KLAUSMAN.  
HARNESS SADDLE LOOP.

(Application filed Jan. 4, 1898.)

(No Model.)

Fig. 1.

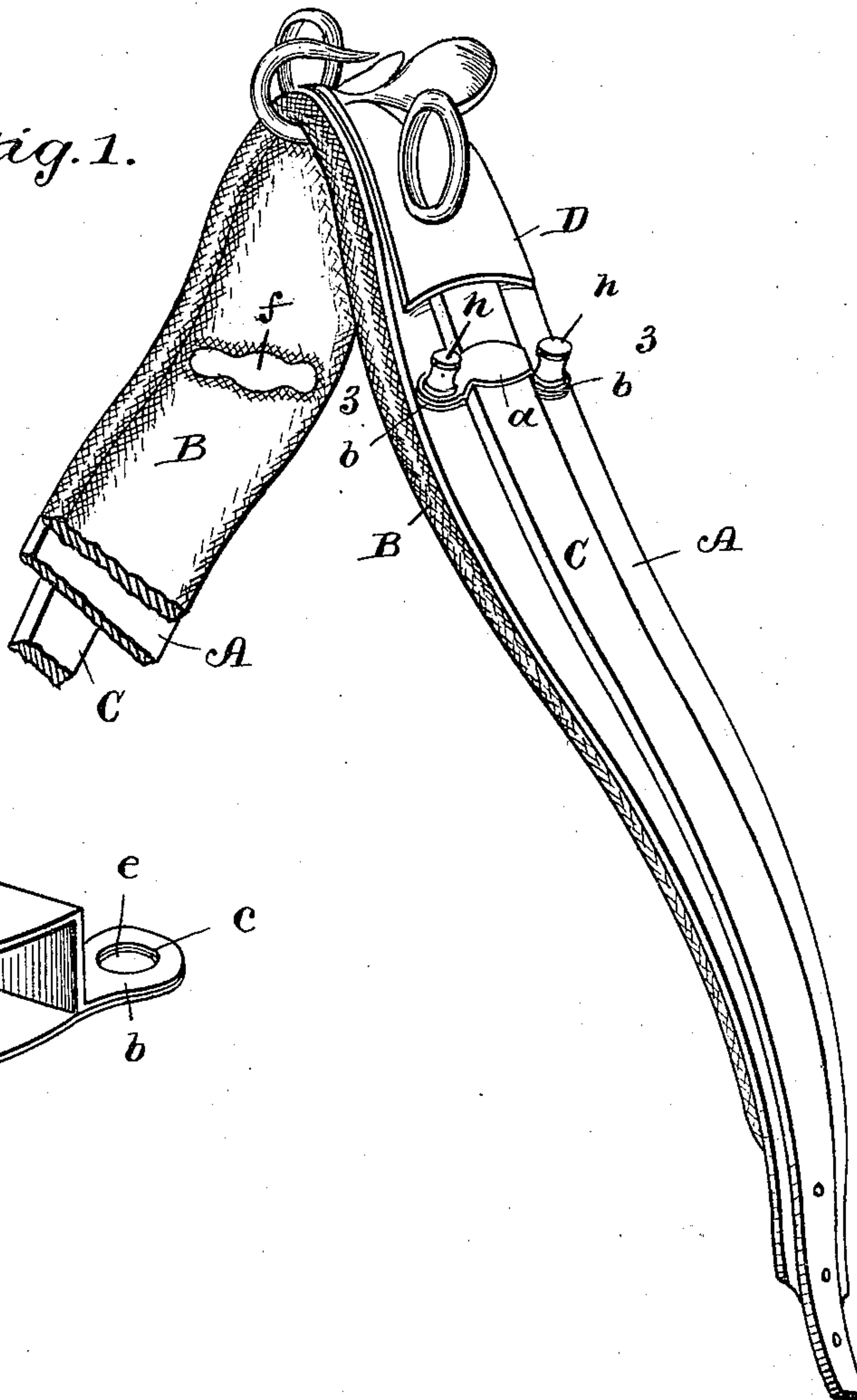


Fig. 2.

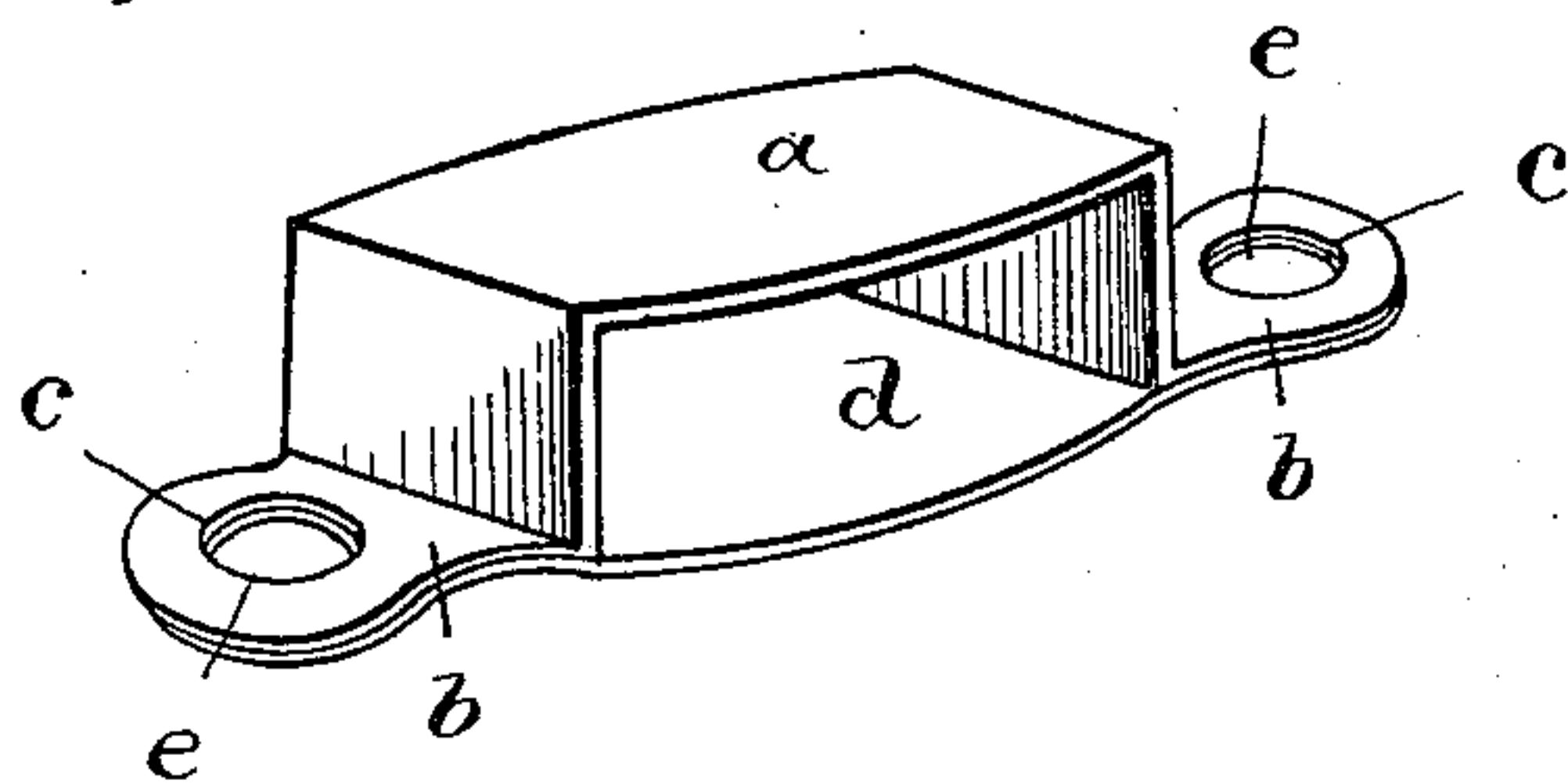
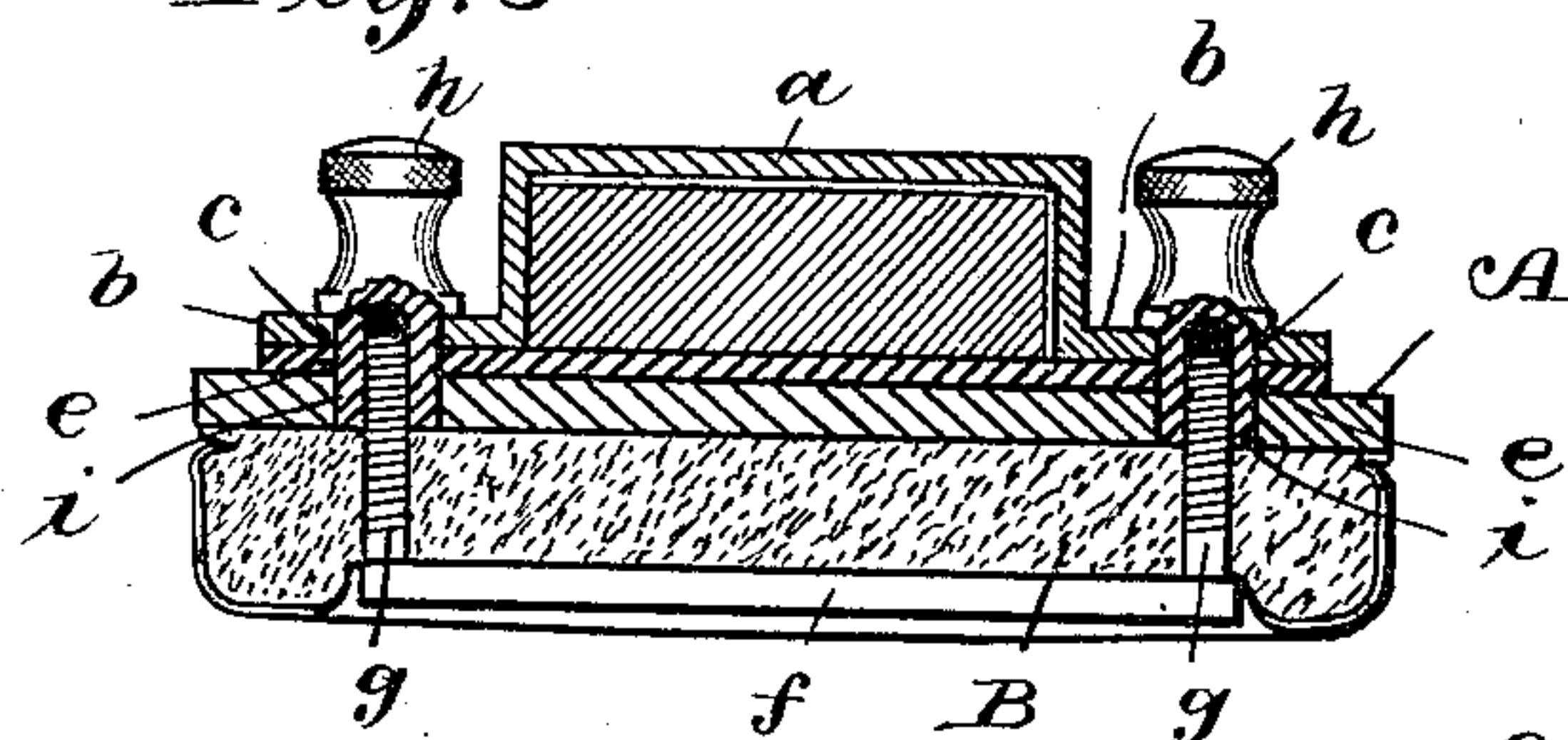


Fig. 3.



Witnesses.

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# UNITED STATES PATENT OFFICE.

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## HARNESS-SADDLE LOOP.

SPECIFICATION forming part of Letters Patent No. 610,403, dated September 6, 1898.

Application filed January 4, 1898. Serial No. 665,553. (No model.)

*To all whom it may concern:*

Be it known that I, OSCAR KLAUSMAN, a citizen of the United States, and a resident of Bridgeport, in the county of Fairfield and State of Connecticut, have invented certain new and useful Improvements in Saddle-Harness Loops, of which the following is a specification.

This invention relates to new and useful improvements in loops for harness, and more particularly for saddles of light buggy or carriage harness.

It is the object of my invention to provide a loop for saddles of the above class through which the tug-strap passes and which may be used on both new and old saddles, but is particularly adapted for repair-work, the principal advantage being that it permits of attachment without the necessity of opening or removing the pad forming a cushion beneath the saddle.

With the above objects in view my invention resides and consists in the novel construction and combination of parts shown upon the accompanying drawings, forming a part of this specification, in which similar letters of reference denote like or corresponding parts throughout the several figures, and of which—

Figure 1 shows a perspective view of a harness-saddle partly broken away and mounted with my improved loops. Fig. 2 is an enlarged detail perspective view of a portion of my improvement, and Fig. 3 shows a central vertical cross-section on line 3 3 of Fig. 1.

Referring to the characters of reference marked upon the drawings, A indicates the saddle, and B the cushion or pad, secured to the under side and forming a part thereof.

C C represent tug-straps, which are of the usual construction and are attached to the top of the saddle and beneath the plate D, as shown, said strap engaging the tug which supports the shaft proper.

My improved loop is preferably made of metal and consists of several parts, as follows:

*a* indicates the loop proper, which is suitably bent to conform to the height and breadth of the strap and provided with projecting ears *b b* upon each side, having central holes

*c* for attachment, as will later be referred to. Beneath the loop-plate *a* is a similar but flat sheet-metal plate *d*, having holes *e* of a size corresponding to those of the loop-plate and registering therewith. These two plates when assembled as shown in Fig. 2 form a closed metallic loop through which the tug-strap passes and form a durable and desirable structure. In practice these plates are placed upon the saddle, as shown in Figs. 1 and 3, and are secured thereto by means of a yoke *f*, having threaded ends *g g*, which pass through suitable holes of the cushion and saddle-back A in a manner to be engaged within the holes *c* and *e* by thumb-nuts *h*, having shoulders *l* to snugly engage the walls of the holes before mentioned, and whereby the parts are rigidly clamped together, as will be obvious from an inspection of Fig 3. It will further be apparent that as the nuts *h h* are tightened the yoke *f* will be drawn up into the cushion and out of the path of the surface of the same, thereby preventing its exposure in a manner to rub or otherwise injure the animal's back when in use.

If preferable, in new work the yoke may be placed within the cushion and covered thereby. This, however, is not necessary, nor is it my purpose to so use it, for should the loop wear and give out to repair it would require the removal of the pad, as is now necessary with the common form of leather loops stitched to saddles.

The outline, shape, and design of my loop, together with its nuts, may be changed in accordance with the taste of the manufacturers and without varying from the principles of the invention, the same residing in the construction and arrangement of parts shown in the accompanying drawings as set up in the claim to follow.

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

The combination with a harness-saddle, of a loop comprising a top plate *a* having extended ends with holes therethrough, a base-plate *d* beneath said loop-plate and provided with holes to register with those of the top plate, a yoke *f* bearing upwardly-extended

threaded ends penetrating said harness-saddle and passing through the opening in said plates, nuts to fit on the threaded ends of said yoke and bearing shoulders to engage  
5 the holes of said plates in a manner to clamp the same, substantially as shown and described.

Signed at Bridgeport, in the county of Fairfield and State of Connecticut, this 28th day of December, A. D. 1897.

OSCAR KLAUSMAN.

Witnesses:

C. M. NEWMAN,

R. H. NEWMAN.