

(Model.)

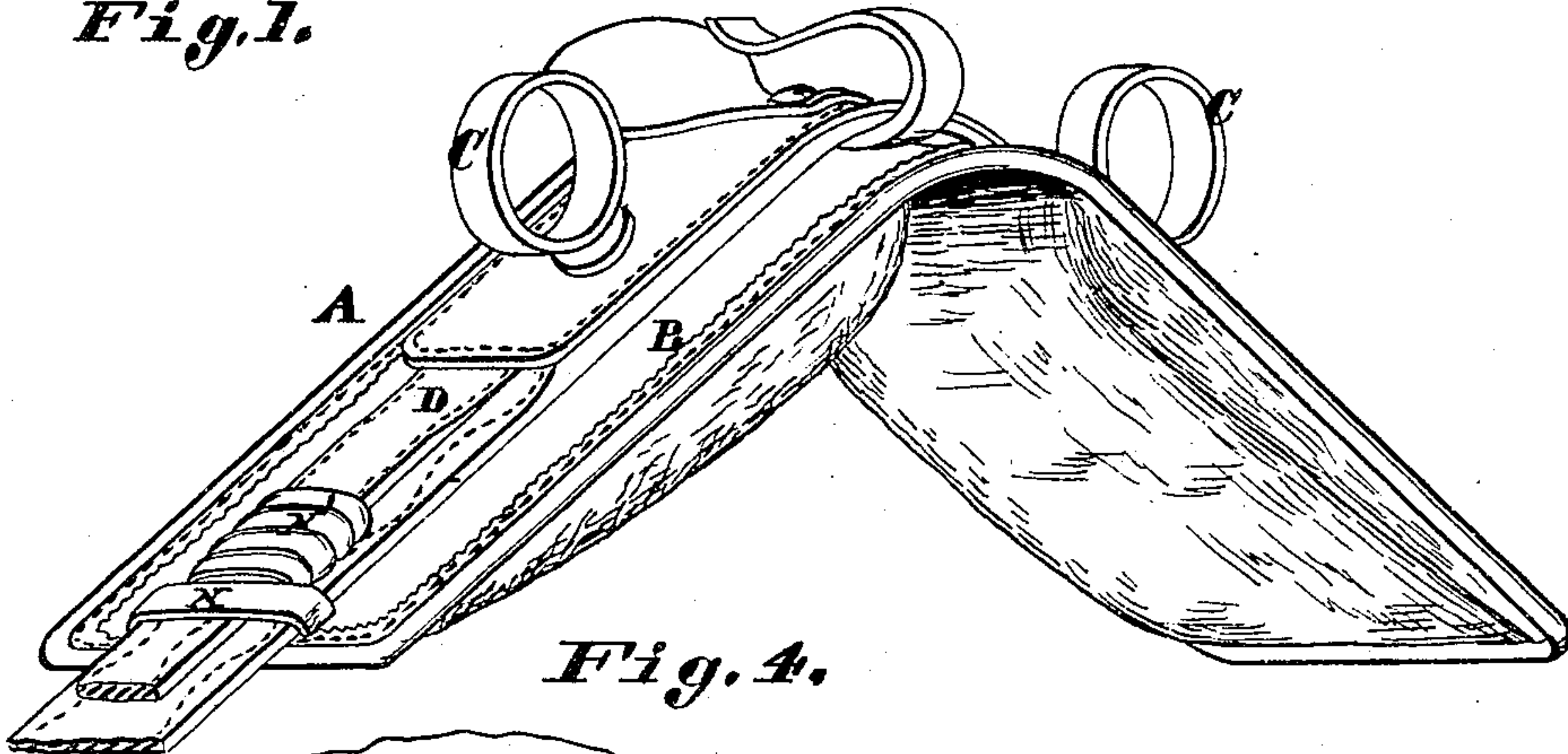
J. STRAUS.

GIG OR HARNESS SADDLE.

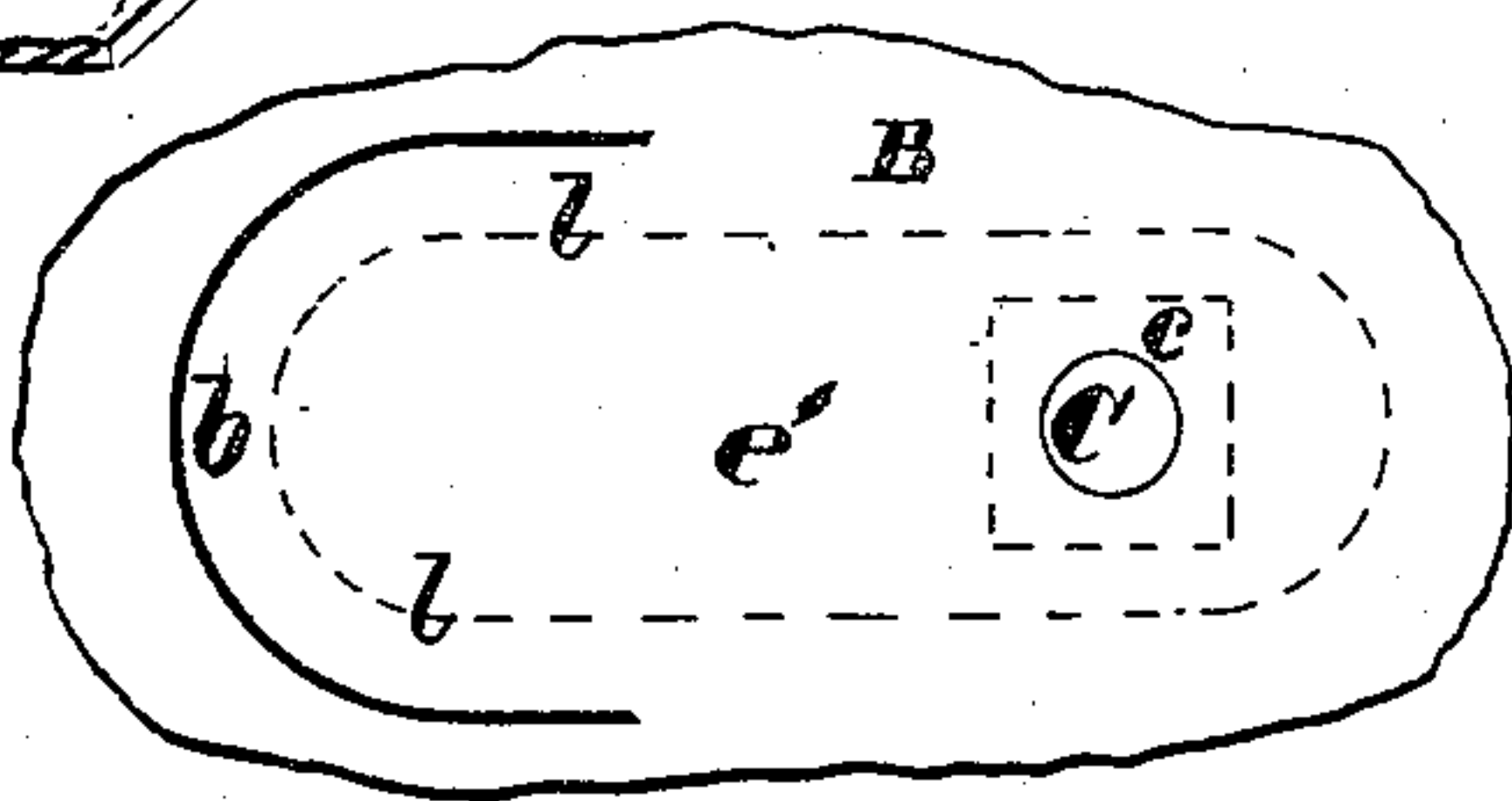
No. 270,505.

Patented Jan. 9, 1883.

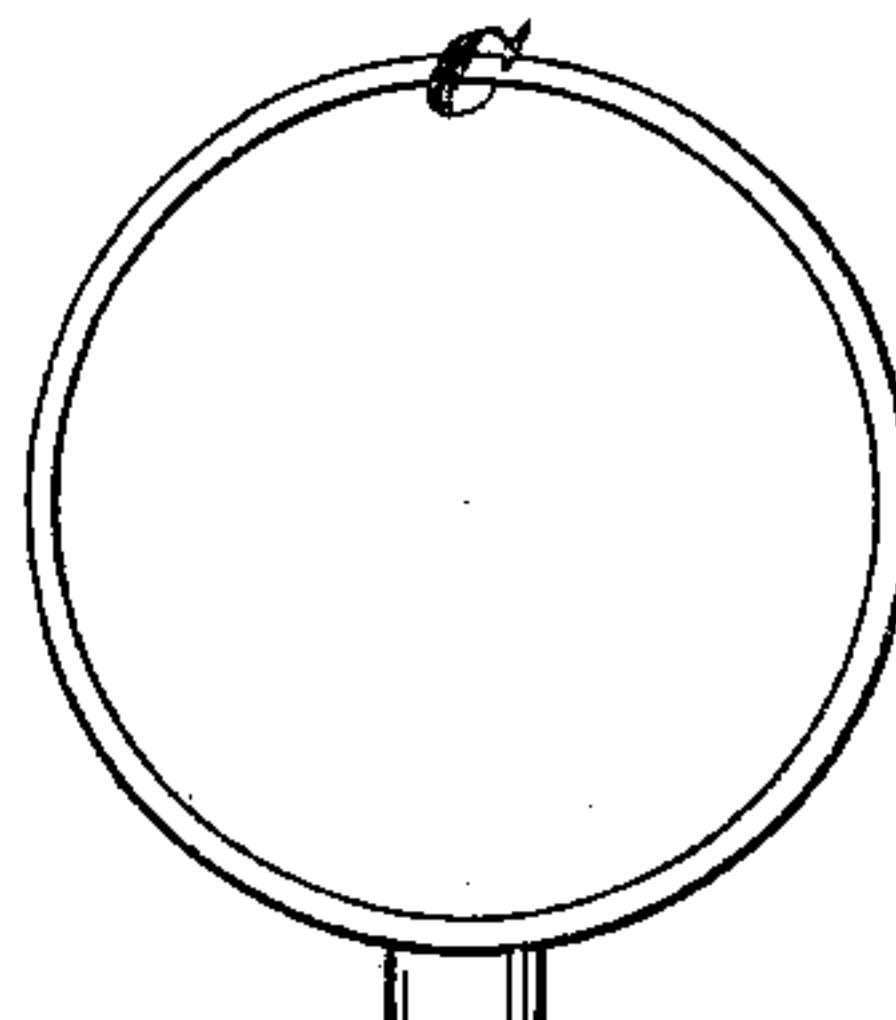
*Fig. 1.*



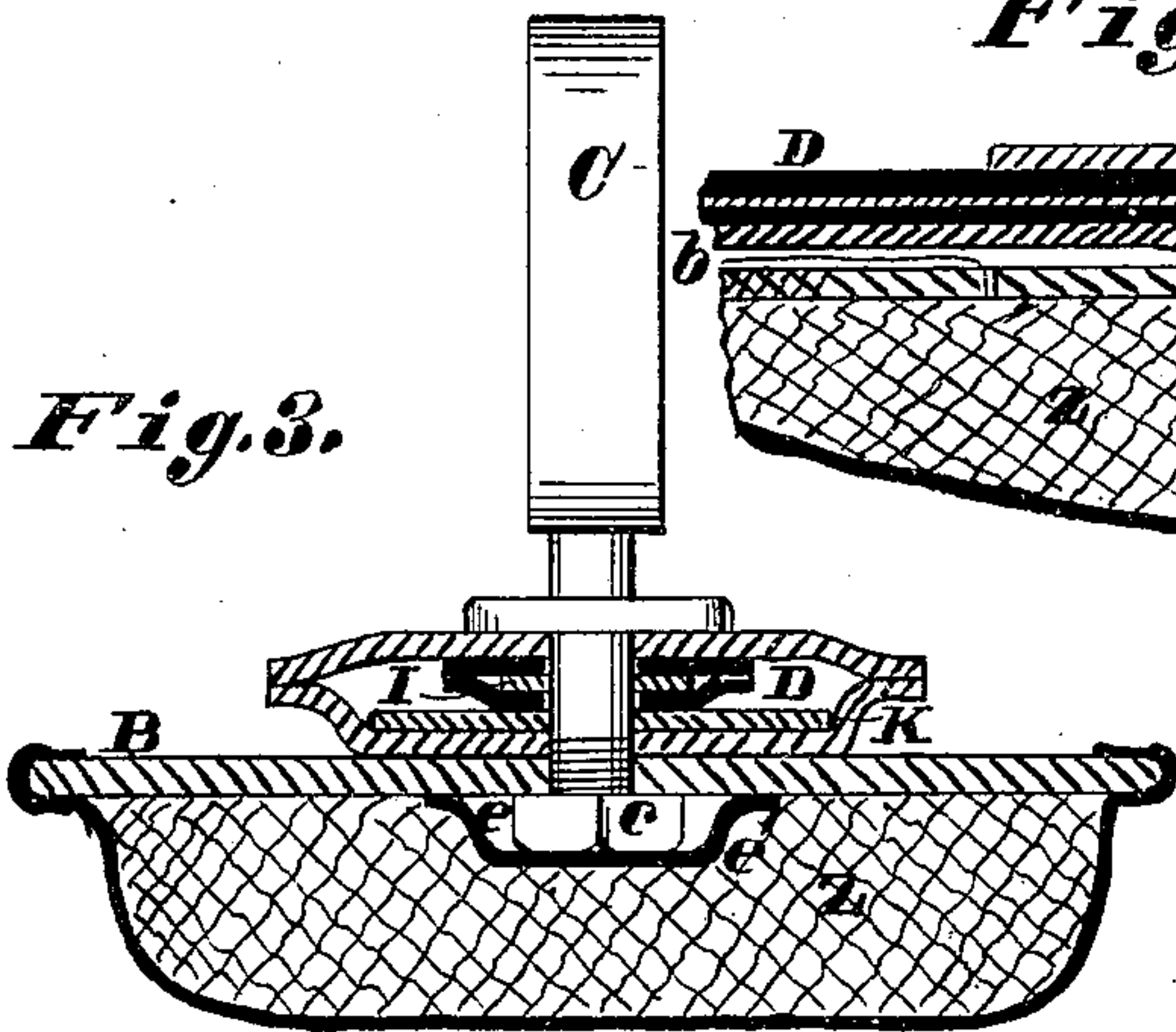
*Fig. 4.*



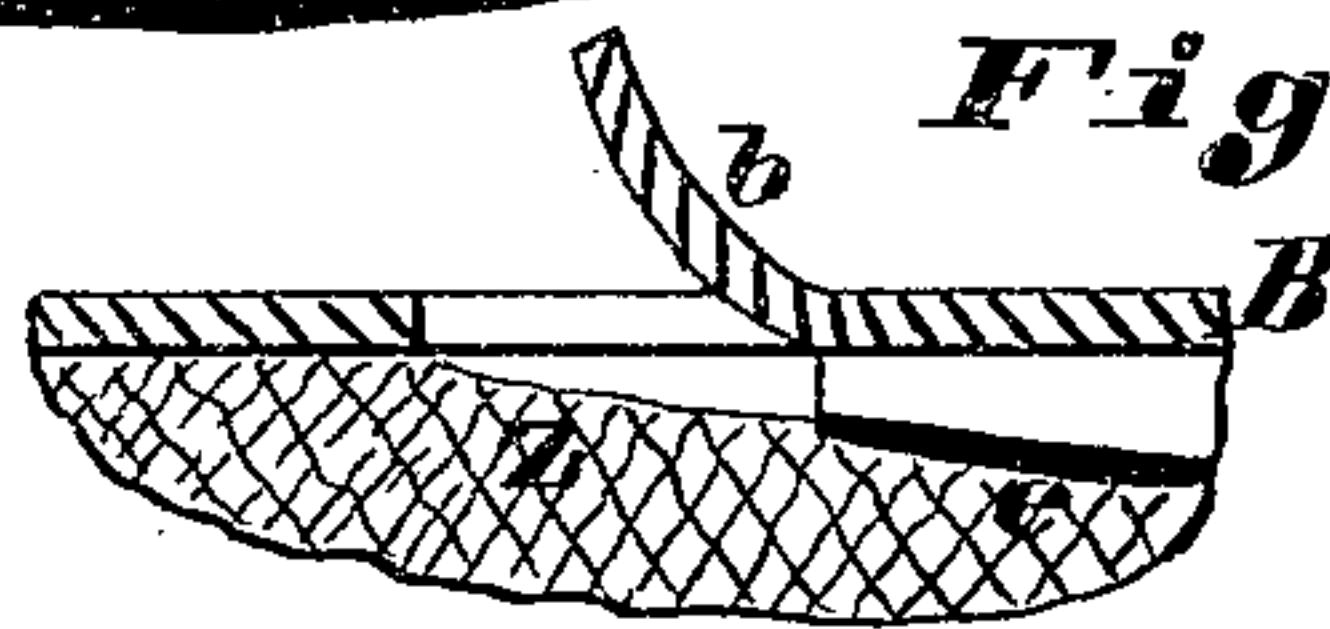
*Fig. 2.*



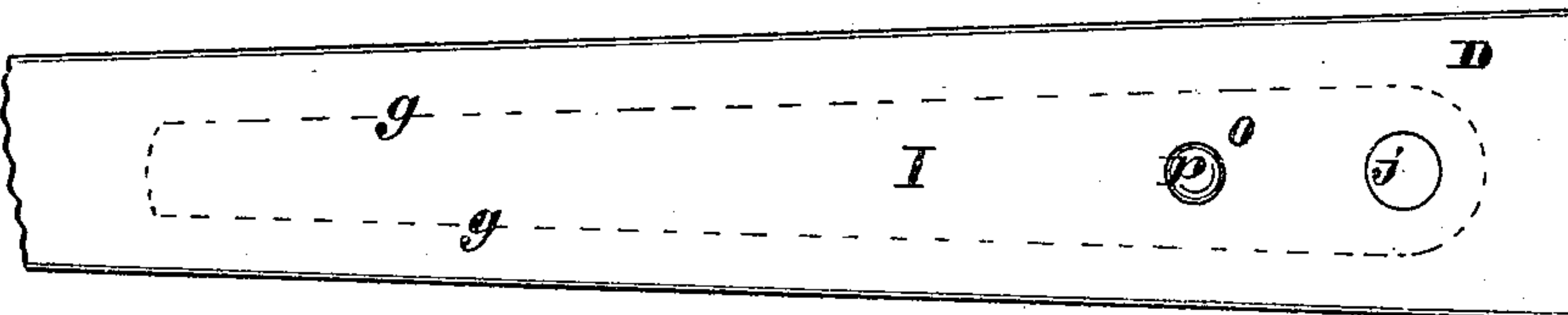
*Fig. 3.*



*Fig. 6.*



*Fig. 5.*



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# UNITED STATES PATENT OFFICE.

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## GIG OR HARNESS SADDLE.

SPECIFICATION forming part of Letters Patent No. 270,505, dated January 9, 1883.

Application filed February 28, 1882. (Model.)

*To all whom it may concern:*

Be it known that I, JACOB STRAUS, a citizen of the United States, residing in the city of St. Louis and State of Missouri, have invented a new and useful Improvement in Gig or Harness Saddles, of which the following is a specification.

My invention relates to improvements in the construction of harness-saddles; and it consists in the formation of a pocket on the under side of a partially-detached piece of material that forms a hinged cover for an opening through the upper covers of the saddle, which pocket is adapted to retain the terret-nut, and to be bent up with the partially-detached piece so as to expose an opening into the interior of the saddle when so desired; and it consists, further, in the introduction between the material of a shaft-tug bearer of a perforated or slotted plate of metal for the purpose of strengthening and stiffening it and increasing its durability. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of a gig or harness saddle. Fig. 2 is a detail longitudinal section through one side of a gig-saddle, showing a terret in elevation. Fig. 3 is a transverse section of the same. Fig. 4 is a detail top plan of a saddle-pad, showing the opening for the purpose named. Fig. 5 is a detail top plan of the upper end of a shaft-tug bearer, and Fig. 6 a section of the opening and pad.

Similar letters refer to similar parts in each of the views.

In Fig. 2, B represents a gig or harness saddle pad, which is made in the usual way and of the usual form and materials, except in the following respects, viz:

First. In making the plate I stick or fasten the edges together all around completely before stuffing it. In the old way openings are left in the stitching for stuffing it, and the openings sewed up afterward. Instead of these openings, I make the opening *b*, Fig. 4, (which is a detail top plan of it,) cut entirely through the upper cover of the pad, except at the upper side, said opening being large enough when the partially-detached flap is turned up out of the way to conveniently push material through into the pad and stuff it nicely when new, and through which to re-stuff it when old, without injury to any of its parts, which advantage is very desirable.

Second. Through the opening *b* the nut *c* of the terret C, Fig. 2, is pushed into the pocket *e*, in which it is secured and held to receive the screw end of the terret. The pocket *e* is made of leather or other material, and is secured to the inner side of the top covering of the pad, including the portion partially detached to form the opening *b*, as indicated by the dotted lines *b b*, Fig. 4. In this way any one is enabled to make a single or double harness saddle without using several of the customary metallic plates.

In order to avoid injury to the horse's back, I use a very short saddle-plate, which should not be any longer than necessary to conveniently support the terrets, as shown at K. By inclosing this plate entirely within the leather, rough unfinished plates may be used, thereby cheapening construction by doing away with expensively finished and polished plates in that part of the harness.

D represents a shaft-tug bearer, made of suitable material and of usual form and construction, with this exception—viz., the introduction and use of a metallic plate, as shown at I, indicated by the dotted lines *g g* in shape. This is placed securely between the plates and additionally held by the rivet P of the bearer. This metallic plate is perforated at *j* to permit the end of the terret to pass through into the pad B and nut *c*. By the use of this metallic plate the shaft-tug bearer and skirt are strengthened and additional wear obtained.

Having fully set forth and described my improvements, I claim as my invention and desire to secure by Letters Patent—

1. In a harness-saddle, the pockets *e*, formed of the flexible pieces *e'*, secured to the under side of a partially-detached portion of the upper cover of the saddle, the hinged pocket so formed being adapted to retain the terret-nut and close the opening *b*, substantially as shown and described.

2. In a gig or harness saddle, tug-bearer D, the perforated metallic plate I, rivet P, or its equivalent, in combination with the terret C, nut *c*, the pocket *e*, and opening *b*, as and for the purpose shown.

JACOB STRAUS.

Witnesses:

H. M. THOMPSON,  
GEO. CREHORE.