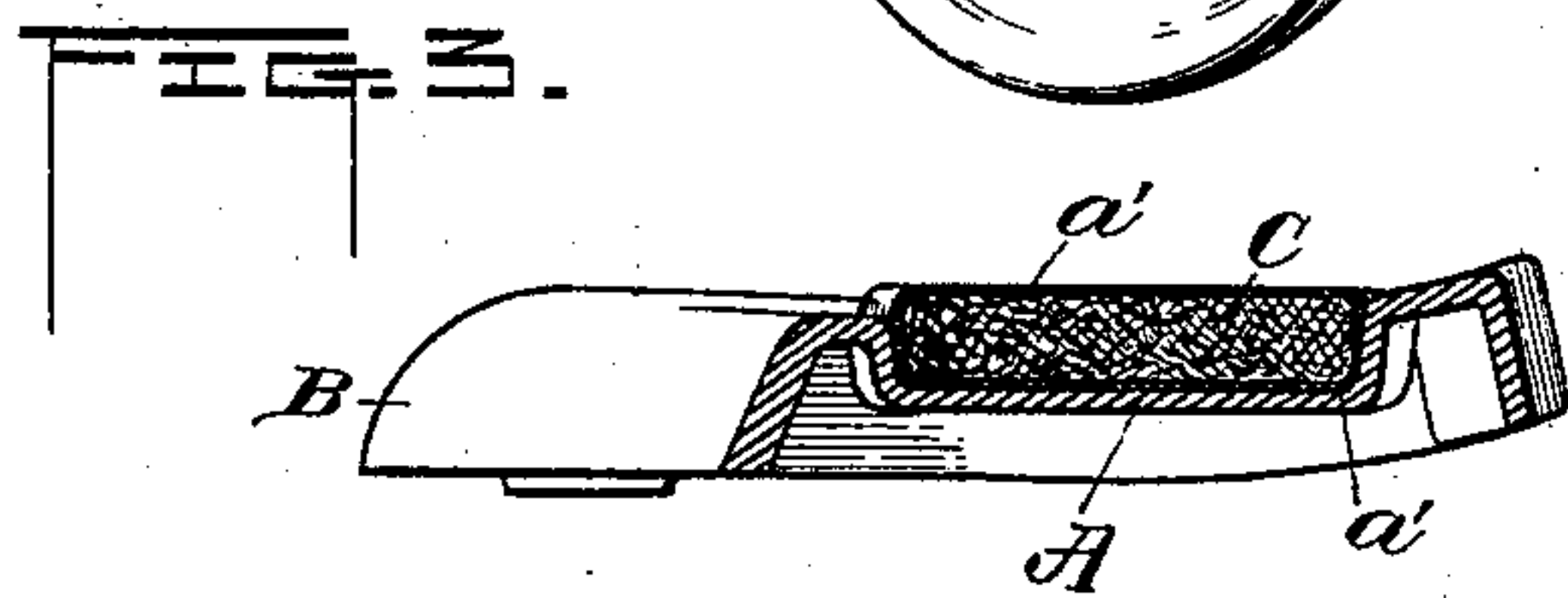
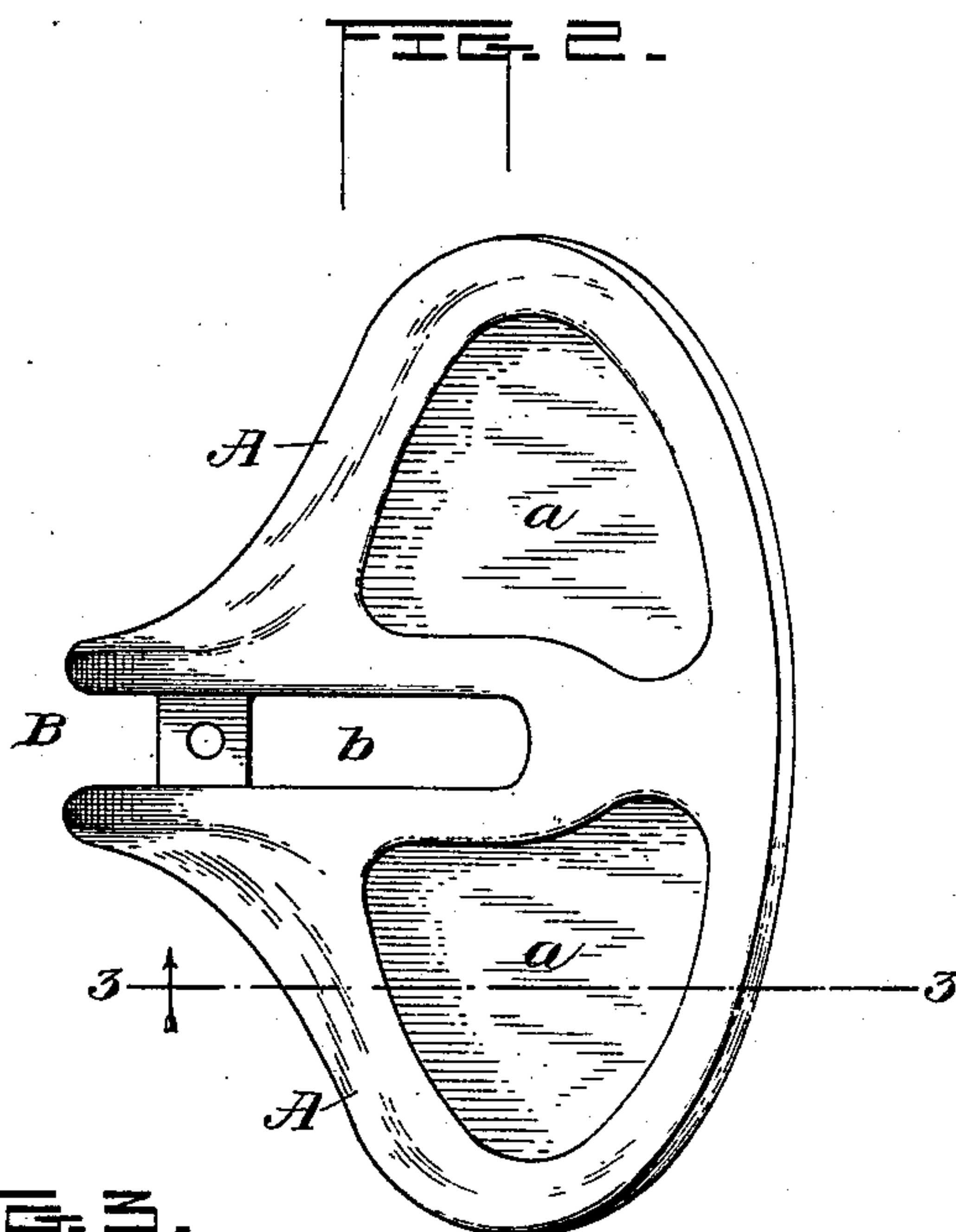
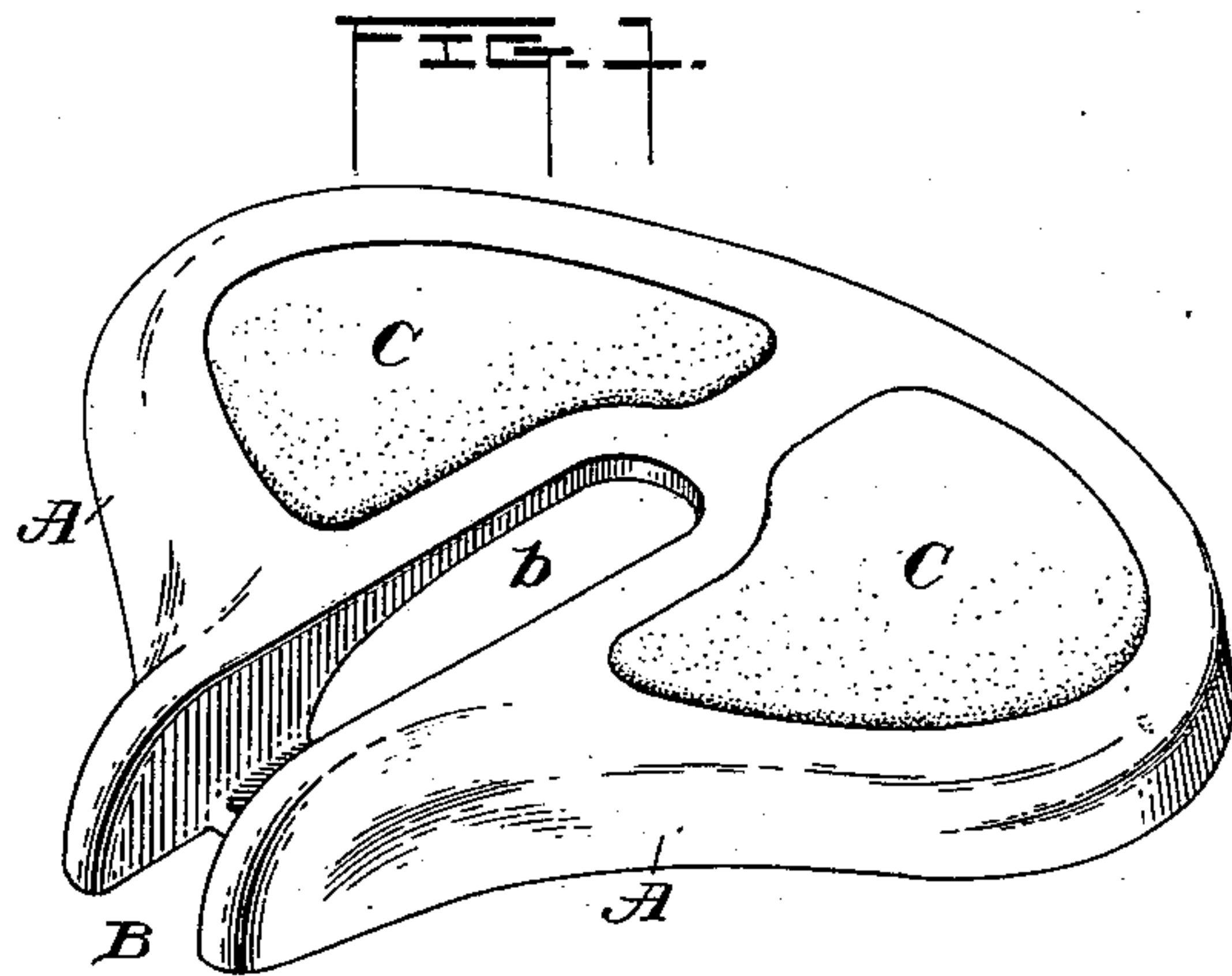


(No Model.)

H. A. CHRISTY.
BICYCLE SADDLE.

No. 532,444.

Patented Jan. 15, 1895.



Witnesses
C. W. Smith
Chas. E. Riordan

Inventor
Henry A. Christy
By *William H. Dowell*
his Attorneys

UNITED STATES PATENT OFFICE.

HENRY A. CHRISTY, OF CHICAGO, ILLINOIS.

BICYCLE-SADDLE.

SPECIFICATION forming part of Letters Patent No. 532,444, dated January 15, 1895.

Application filed December 20, 1894. Serial No. 532,387. (No model.)

To all whom it may concern:

Be it known that I, HENRY A. CHRISTY, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Bicycle-Saddles; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

With the prevailing styles of bicycle saddles there is much complaint upon the part of riders that they are injured by the friction, rubbing or pressure exerted upon sensitive portions of the body by the saddles. These injuries are wholly due, as I conceive, to the shape of the saddles, which, as ordinarily constructed, are made long and narrow, the widest portion being at the rear and tapering to a point at the front. This pointed front portion, which I term the horn, presents a convex upper surface and projects far enough forward to enter well between the limbs of the rider, and by reason of this fact this portion of the seat is in rubbing contact with the limbs, and what is more serious it is very liable to exert a pressure upon other and very easily injured portions of the person.

In my improved saddle I have only a truncated horn, that is to say I omit from it all of the horn except so much as is essential to enable the rider to maintain himself easily against slipping sidewise on the seat, and I also prefer that this truncated horn portion, instead of being convex upon its upper surface, as in the old construction, should be cut away or concave, centrally thereof, thereby giving room for the portions of the person which are so easily injured. I also preferably make the rear of the saddle wider than ordinarily constructed so as to sustain the fleshy portion of the buttocks as well as the pelvis, and provide upon each side of the seat portion a sunken portion or recess constructed to receive and hold pads or cushions which may be removably fitted therein for the comfort and ease of the rider.

The saddle may be made of wood or metal, or papier maché or pulp, or any other suitable material or combination of materials to produce a solid seat.

These features of the invention will be fully

understood from the accompanying drawings and the following description thereof.

In the accompanying drawings, which are to be taken as a part of this specification, Figure 1 represents a perspective view of my improved saddle. Fig. 2 is a plan of the same; and Fig. 3 a section taken on the line 3—3 of Fig. 2.

A, A, denote the sides of the saddle which are intended to support the pelvic portions of the body. As shown, they are considerably wider than the ordinary saddle, thereby adapting them to support the fleshy portions of the buttocks more perfectly than does the old construction. At each side of the seat portion are provided or formed sunken or recessed portions *a, a*, adapted to receive and hold pads or cushions fitted therein, said recesses being formed with abrupt marginal walls, as at *a', a'*, which serve to hold the pads in proper position in use, and prevent the same from slipping, pads or cushions being provided of a suitable size or shape to adapt the same to be retained in said recesses but to be readily removed therefrom when desired, in case it is desired to substitute other pads therefor, or for any other purpose. The saddle is also formed with a neck or horn portion as shown at B, which extends forward a short distance so as to enable the rider to maintain himself upon the saddle against lateral movement, but does not extend far enough forward to project between the legs of the rider so as to cause a rubbing action, and is cut away or recessed upon its upper surface centrally of said horn portion as at *b*, for the purpose hereinbefore stated.

The cushions C may be made of any suitable material adapted to afford a soft and comfortable seat for the rider. The recesses adapted to receive said cushions may be varied in form and size according to requirements or the desires of the manufacturer and to adapt the saddle to individuals of different sizes.

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

1. A bicycle saddle having a solid top provided upon its upper surface with recessed or sunken portions at each side of the seat portion constructed to receive and hold remov-

able pads; said recesses being formed with abrupt marginal walls to prevent the pads from slipping, substantially as described.

2. A bicycle saddle having a solid top provided upon its upper surface with recessed or sunken portions at each side of the seat portion constructed to receive and hold pads; said recesses being formed with abrupt marginal walls to prevent the pads from slipping, in combination with pads adapted to fit said recesses so as to be removably retained therein, substantially as described.

3. A bicycle saddle having a solid top provided upon its upper surface with recessed or

sunken portions at each side of the seat portion constructed to receive and hold removable pads, and having a horn portion shortened up or truncated so that it will not project between the legs of the rider, and also cut away or recessed upon its upper surface centrally of said horn portion, substantially as described.

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

HENRY A. CHRISTY.

Witnesses:

J. A. E. CRISWELL,
CHAS. E. RIORDON.