

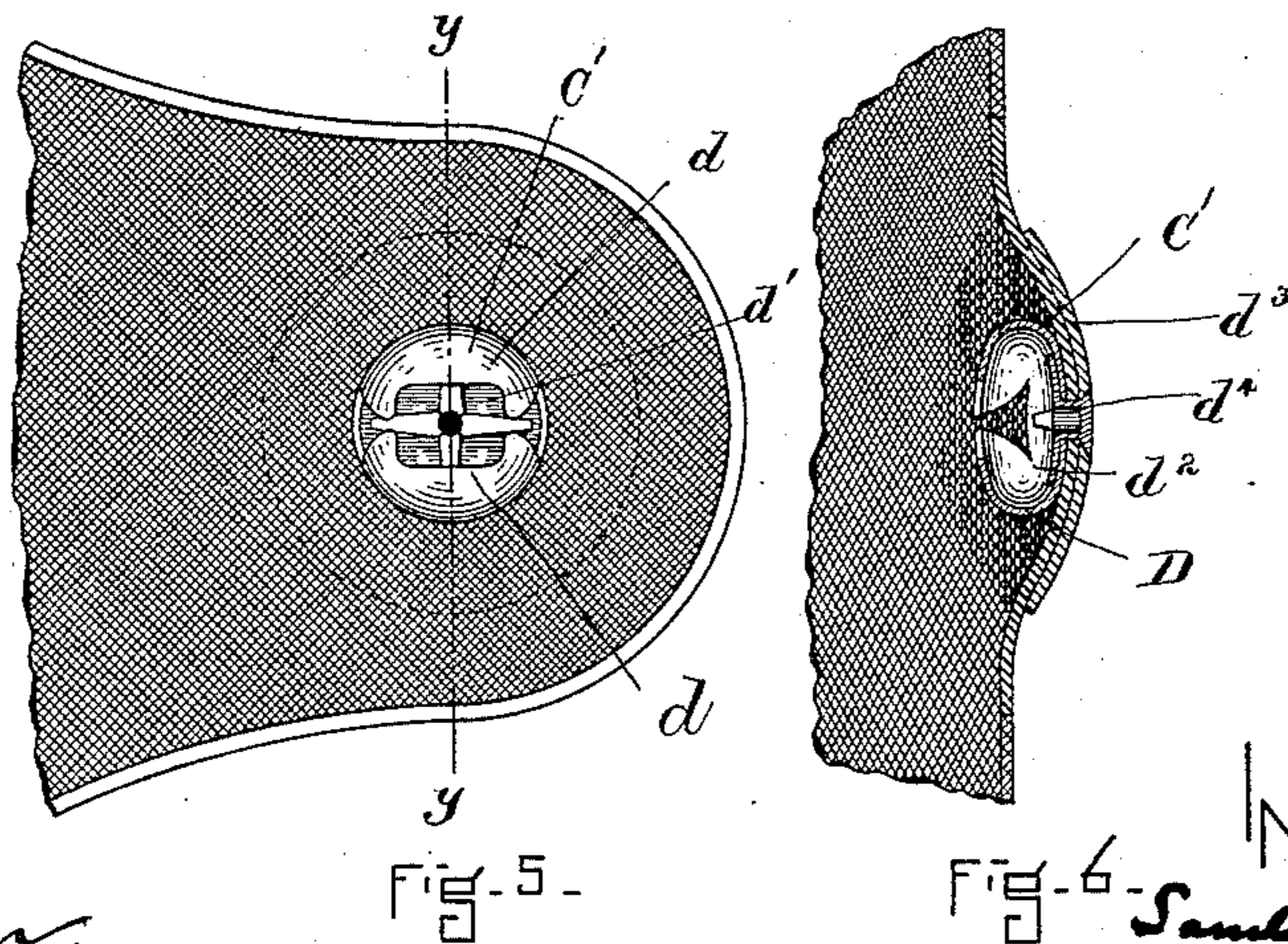
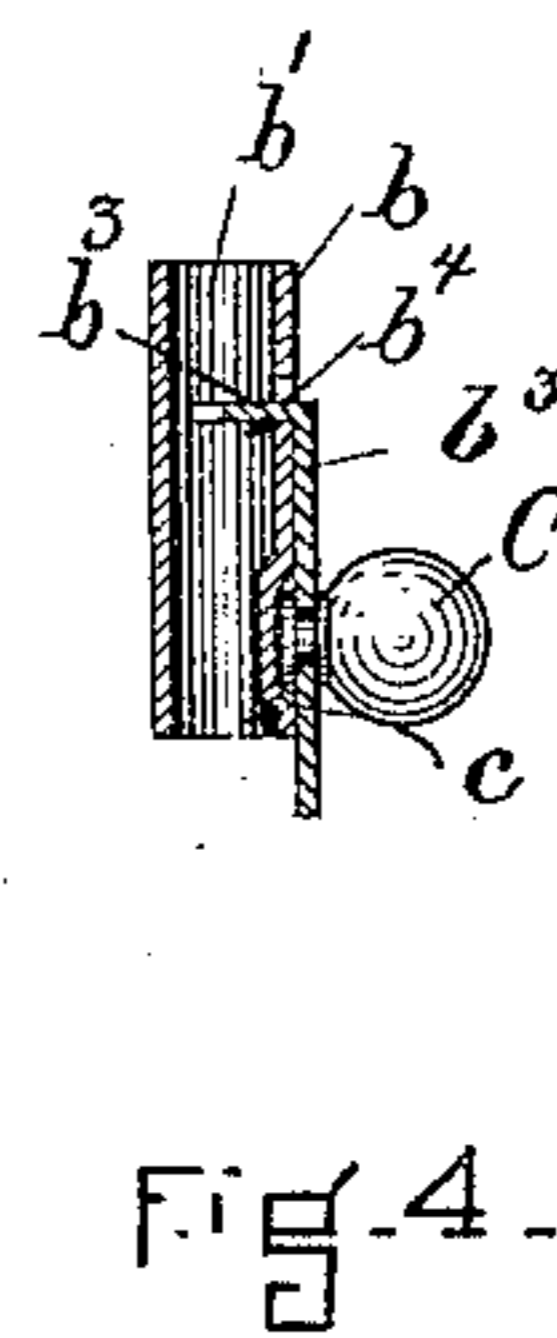
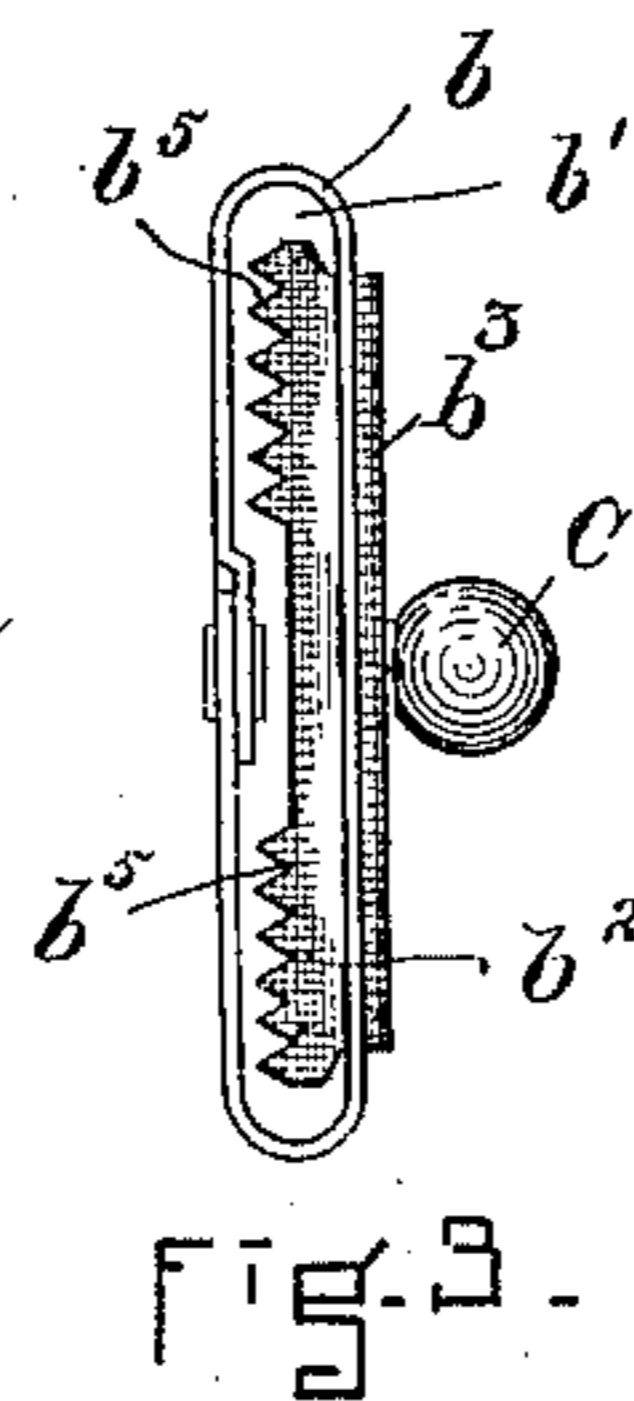
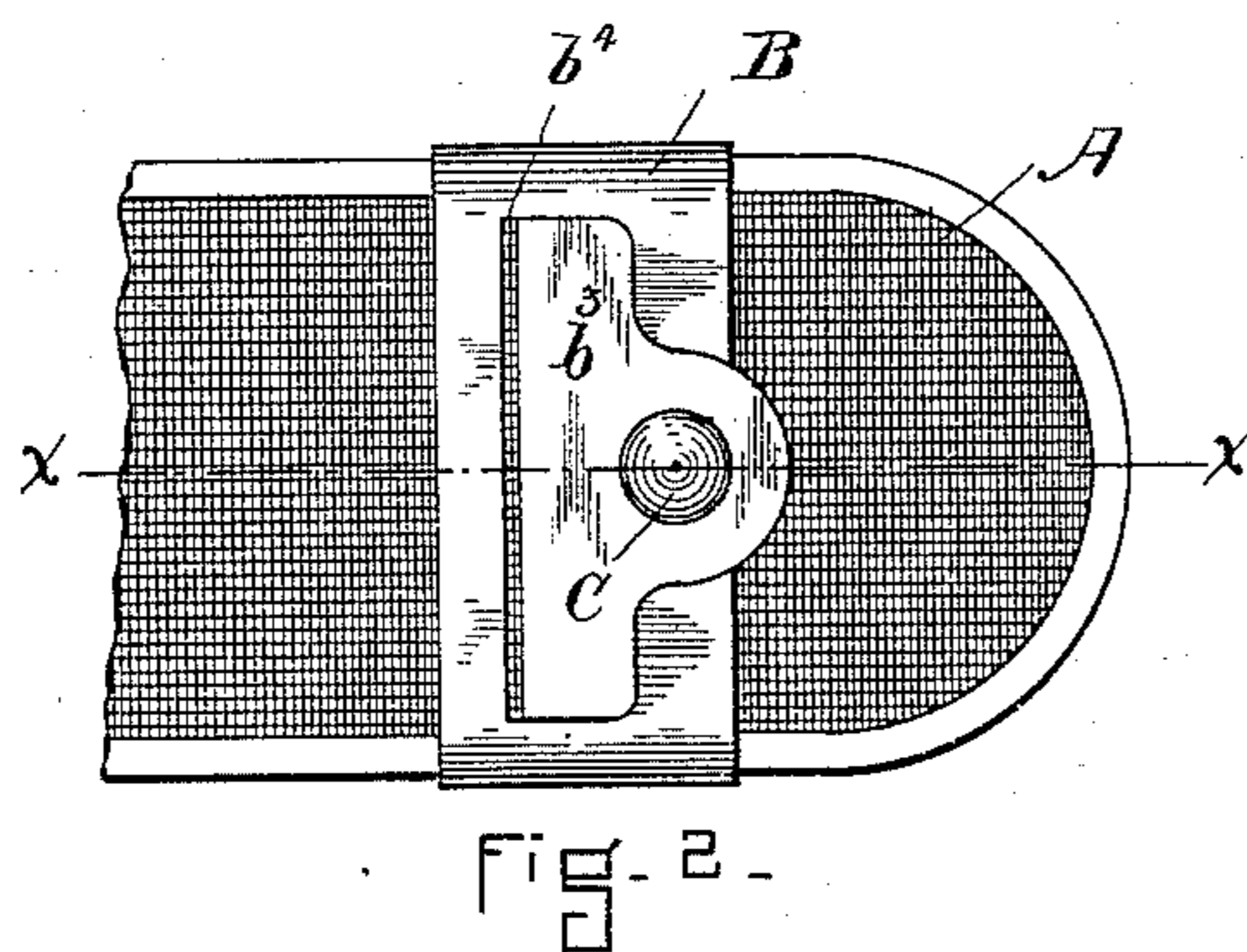
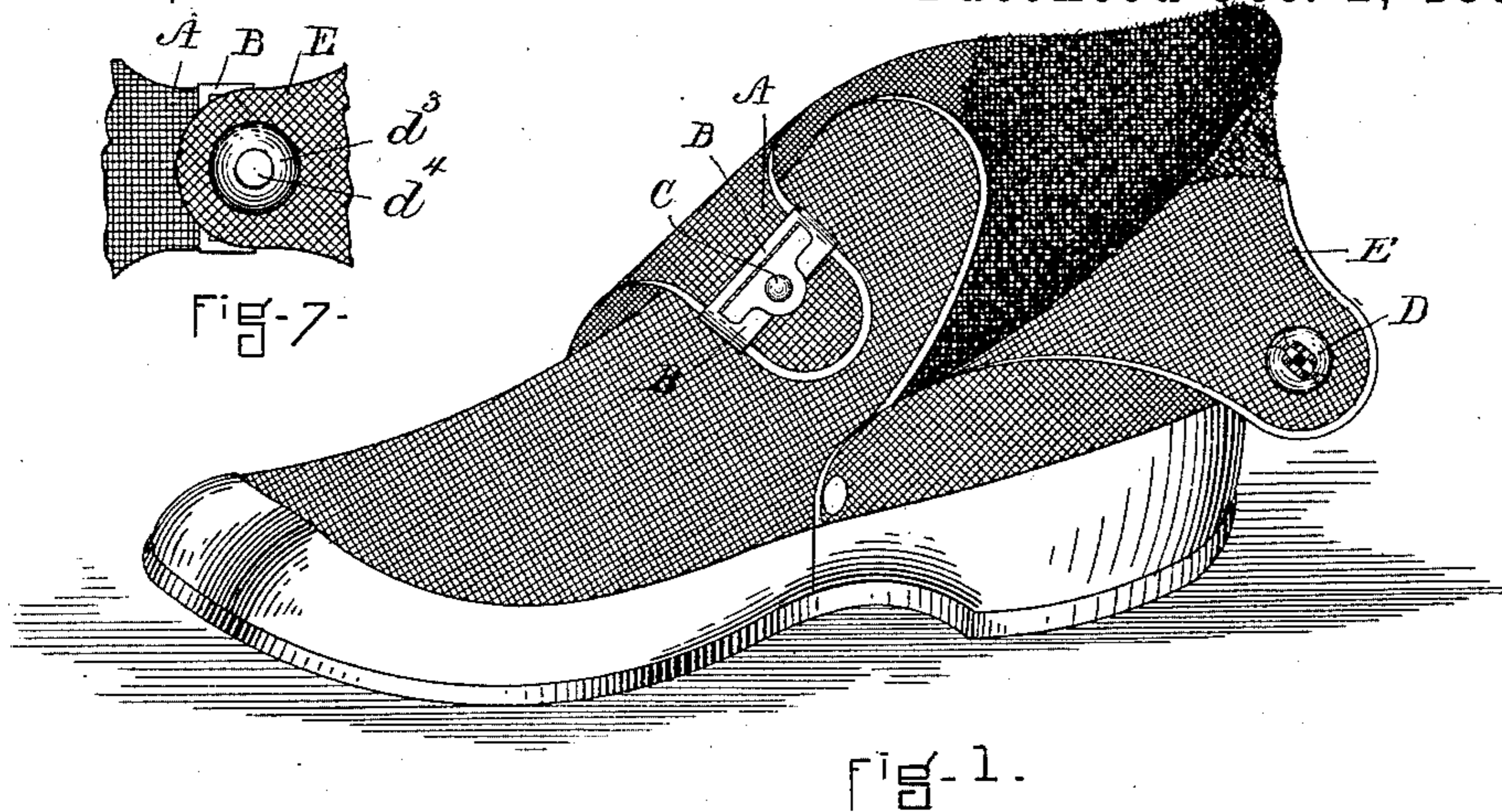
(No Model.)

S. W. SHOREY & W. S. RICHARDSON.

FASTENING FOR OVERSHOES.

No. 390,405.

Patented Oct. 2, 1888.



INVENTOR.
Saml. W. Shorey
Wm. S. Richardson
by their attys
Charles F. Rogers & Co.

WITNESSES.
J. W. Dolan
E. P. Small

UNITED STATES PATENT OFFICE.

SAMUEL W. SHOREY AND WILLIAM S. RICHARDSON, OF BOSTON, MASSACHUSETTS, ASSIGNORS TO THE BALL AND SOCKET FASTENER COMPANY, OF NASHUA, NEW HAMPSHIRE.

FASTENING FOR OVERSHOES.

SPECIFICATION forming part of Letters Patent No. 390,405, dated October 2, 1888.

Application filed December 30, 1887. Serial No. 259,377. (No model.)

To all whom it may concern:

Be it known that we, SAMUEL W. SHOREY and WILLIAM S. RICHARDSON, both of Boston, in the county of Suffolk and State of Massachusetts, both citizens of the United States, have invented a new and useful Improvement in Adjustable Fastenings for Overshoes and Similar Purposes, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part of this specification, in explaining its nature, in which—

Figure 1 is a view in perspective of an overshoe representing our invention attached thereto. Fig. 2 is a view in plan of the adjustable section thereof. Fig. 3 is a view in elevation of one end of the adjustable section. Fig. 4 is a view in section upon the line $x x$ of Fig. 2. Fig. 5 is a view in inverted plan of the stationary section of the fastening. Fig. 6 is a view thereof in section upon the line $y y$ of Fig. 5. Fig. 7 is a plan view showing the two members of the fastening together.

The invention relates to an adjustable fastening adapted for use upon overshoes, or upon any other article employing a strap, comprising two sections, one of which is a movable buckle or clamp, having a ball, projection, or engaging device extending from one surface thereof, and the other of which is a clasp device permanently secured to a part of the article or device with which the strap for bearing the buckle is to be secured or connected.

Referring to the drawings, A represents the strap of an overshoe.

B is the buckle.

C is a post, stud, ball, or extension, represented as projecting, in this instance, from the upper or outer surface of the buckle. Any suitable form of clasp or clamp or buckle may be used, provided that it is adapted to be adjusted in position lengthwise the strap or thing to which it is secured.

The buckle represented in the drawings has a sleeve, b , in the form of a flattened tube, the cavity b' of which receives the strap A, and also a jaw, b^2 , formed at the end of the plate b^3 , which jaw is bent inward to extend through a slot, b^4 , in the sleeve, and has serrations or teeth b^5 on its inner edge. The plate b^3 is se-

cured to the sleeve by making the edge section b^2 wider than the slot b^4 , and by inserting the outer end of the plate through the slot b , either before or after the edges of the blank which form the sleeve are brought together, so that each end of the jaw overlaps or extends beyond each end of the slot b^4 and bears against the inner surface of the sleeve.

We have represented the stud, post, or ball C in this case as secured to the jaw-plate b^3 , and this is accomplished by forming a hole in the plate, inserting the shank of the ball, stud, or post through the same, and upsetting it upon the under surface of the plate, (see Fig. 4,) and when this construction is used there is also formed in the sleeve a depression, c , to receive the upset end of the stud when the jaw-plate b^3 lies against the sleeve, and this permits the ball, stud, or post to be brought closely to the surface of the sleeve and the material of the strap, which it is very desirable to do.

We would say that we prefer that the ball, stud, or post be secured to the jaw-plate, as by so doing the draft or pull upon the ball, post, or stud is communicated directly to the jaw, and acts to hold it closed and to prevent it from being accidentally released. Still, we do not confine ourselves to this especial location of the post, as it may be secured to any other part of the buckle-sleeve where its draft upon the same will not act to unclasp the buckle.

The other section or member, D, of the fastening comprises a grasping device, C', which preferably has yielding holding-jaws d about an opening or entrance, d' , to the cavity d^2 , and it is represented as secured to the under surface of the quarter-extension E of the overshoe, as represented in Fig. 1, by means of a cap, d^3 , which rests upon the outer surface of the extension, and is secured to the section C' by a central fastening, d^4 , which extends through the material and binds or clamps the two parts C' d^3 together.

In use the buckle and clasp or clamp B is adjusted upon the strap A, and fastened in that position by the jaw. This causes the ball, stud, or post to be fastened to the strap and to extend upwardly or outwardly from its upper

or outer surface. The extension or section E, to which the other member, D, of the fastening is rigidly secured, is then moved over the stud, post, or engaging device, and is connected with it, and the buckle or clamp is covered by the cap d^3 . It is obvious, of course, that the engagement between the stud, ball, or projection and the stud, ball, or projection receiving device may be by making the stud, ball, or projecting device yielding laterally, or by making the grasping device to yield to receive an unyielding ball, post, or projection. We have represented in the drawings the last-named construction.

The advantages of the invention arise from the compactness and convenience of the construction.

Having thus fully described our invention, we claim and desire to secure by Letters Patent of the United States—

1. The improved fastening for overshoes and other articles having as one member a buckle and a stud, post, or projection mounted thereon and adjustable therewith, and as the other member a socket having yielding sides rigidly fastened to the article upon which it is used to hold the ball, post, or projection, substantially as described.

2. The combination, in a fastening for overshoes and other articles, of one member comprising a buckle and a ball, post, or projection mounted thereon to extend from its upper or outer surface, the strap to which the buckle is secured, and the other member of the device comprising the ball, stud, or projection holding socket having yielding sides attached to the section of the article to be secured to the

strap to present its opening upon the under surface or side of said section, as and for the purposes described.

3. The herein-described combination, in a fastening for overshoes and other articles, of the strap A, an adjusting-buckle secured thereto, its holding or clamping jaw, a ball, stud, or projection attached to said clamping-jaw to extend therefrom outward, and located thereon so that draft upon it shall cause it to hold the jaw in place, and a ball or stud engaging device secured to the article to be connected or fastened to the strap, as and for the purposes described.

4. The combination of the sleeve B, the jaw-plate b^3 , the jaw b^2 , and the ball, stud, or projection C, extending from the outer surface of the jaw-plate, substantially as and for the purposes described.

5. The combination of the sleeve B, having the recess c , with the hinged or swinging jaw-plate b^3 , having the ball, stud, or projection C, the shank of which extends through the same and is upset upon its under surface, as and for the purposes described.

6. The combination of the strap A, the sleeve B, the hinged jaw-plate b^3 , its jaw b^2 , the stud, ball, or projection C, secured to the jaw-plate to extend outwardly therefrom, the ball, stud, or projection receiving holder C' , and the cap d^3 , rigidly secured to said holder, as and for the purposes described.

SAMUEL W. SHOREY.

WILLIAM S. RICHARDSON.

In presence of—

F. F. RAYMOND, 2d,

J. M. DOLAN.