

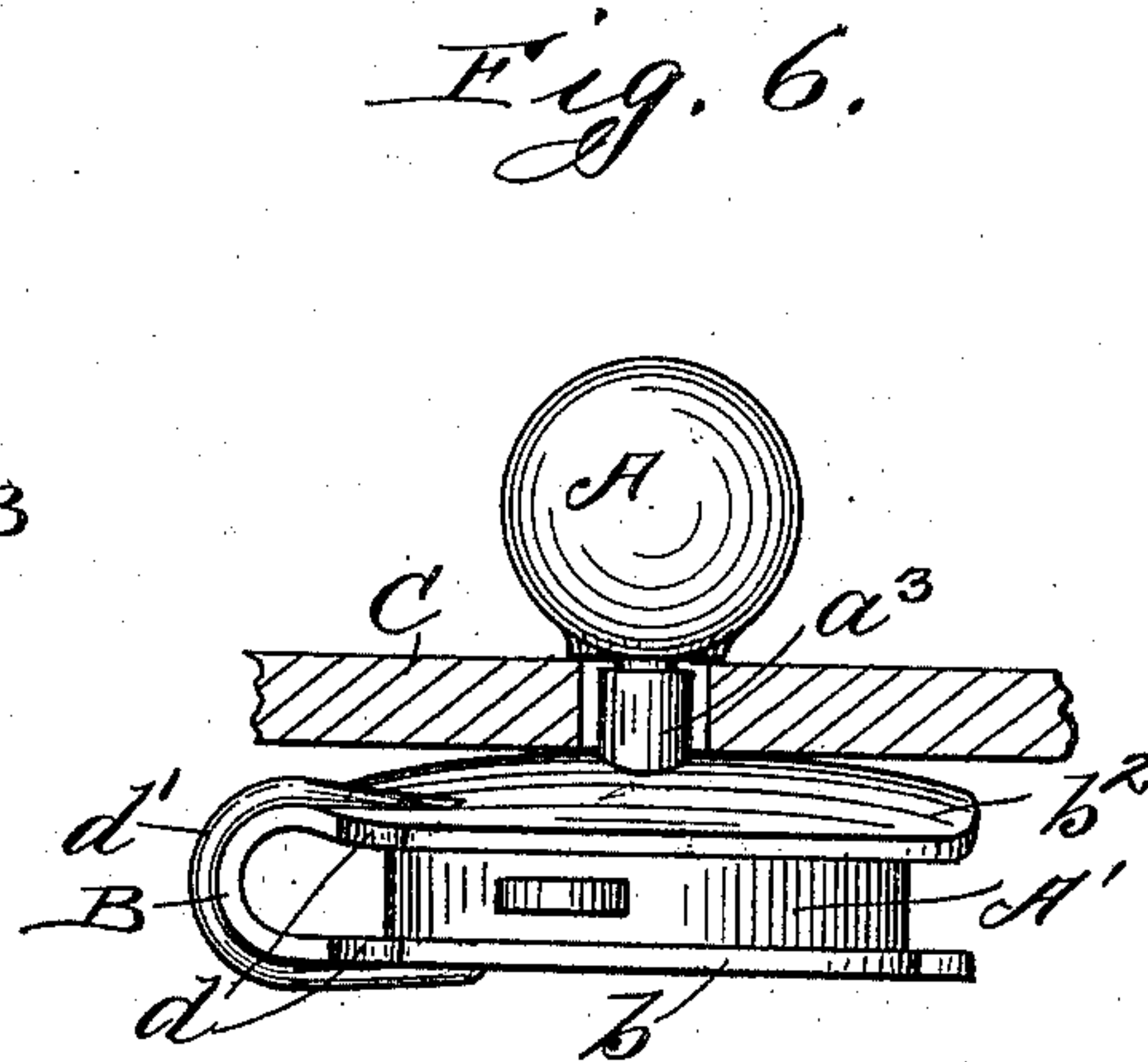
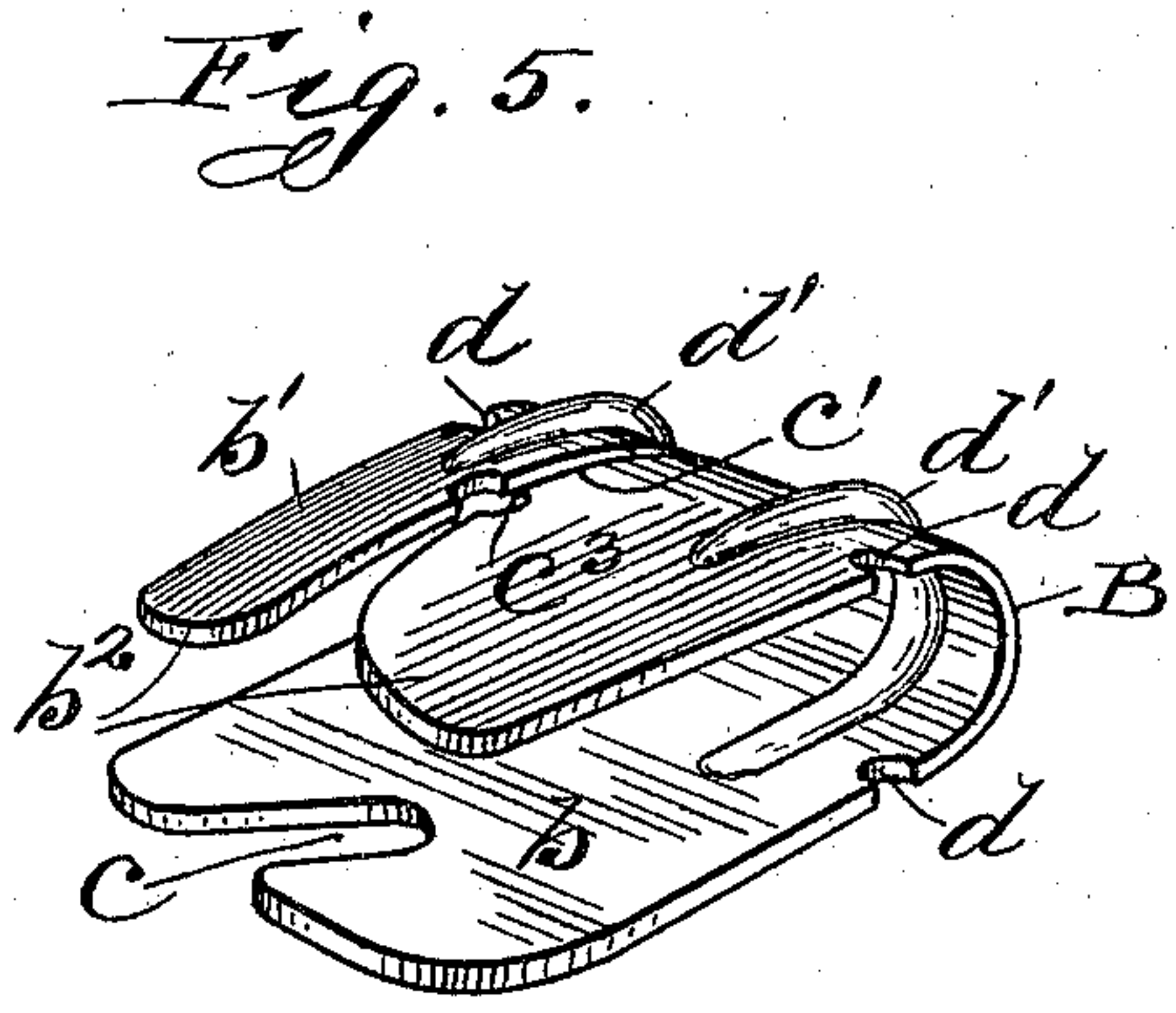
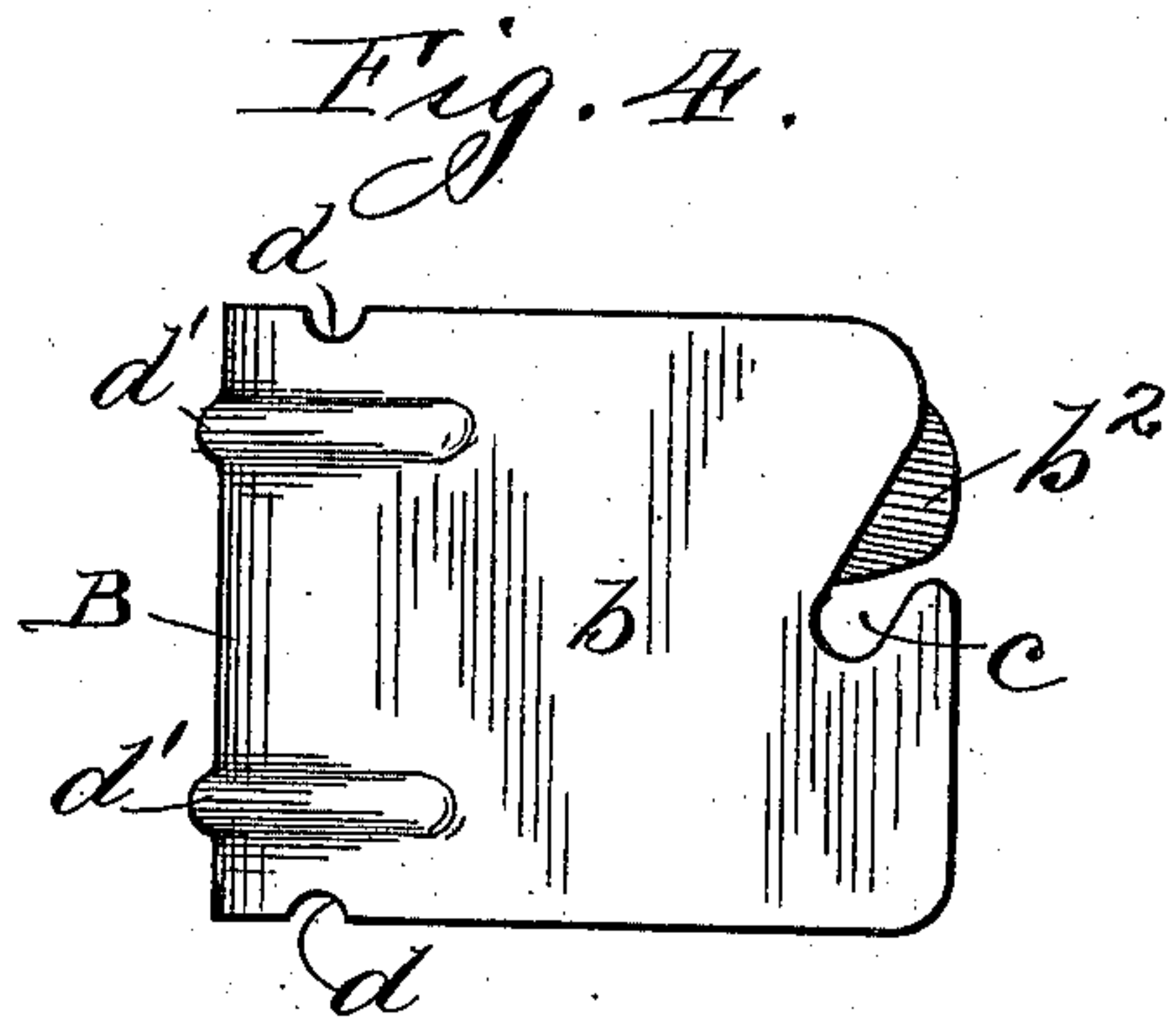
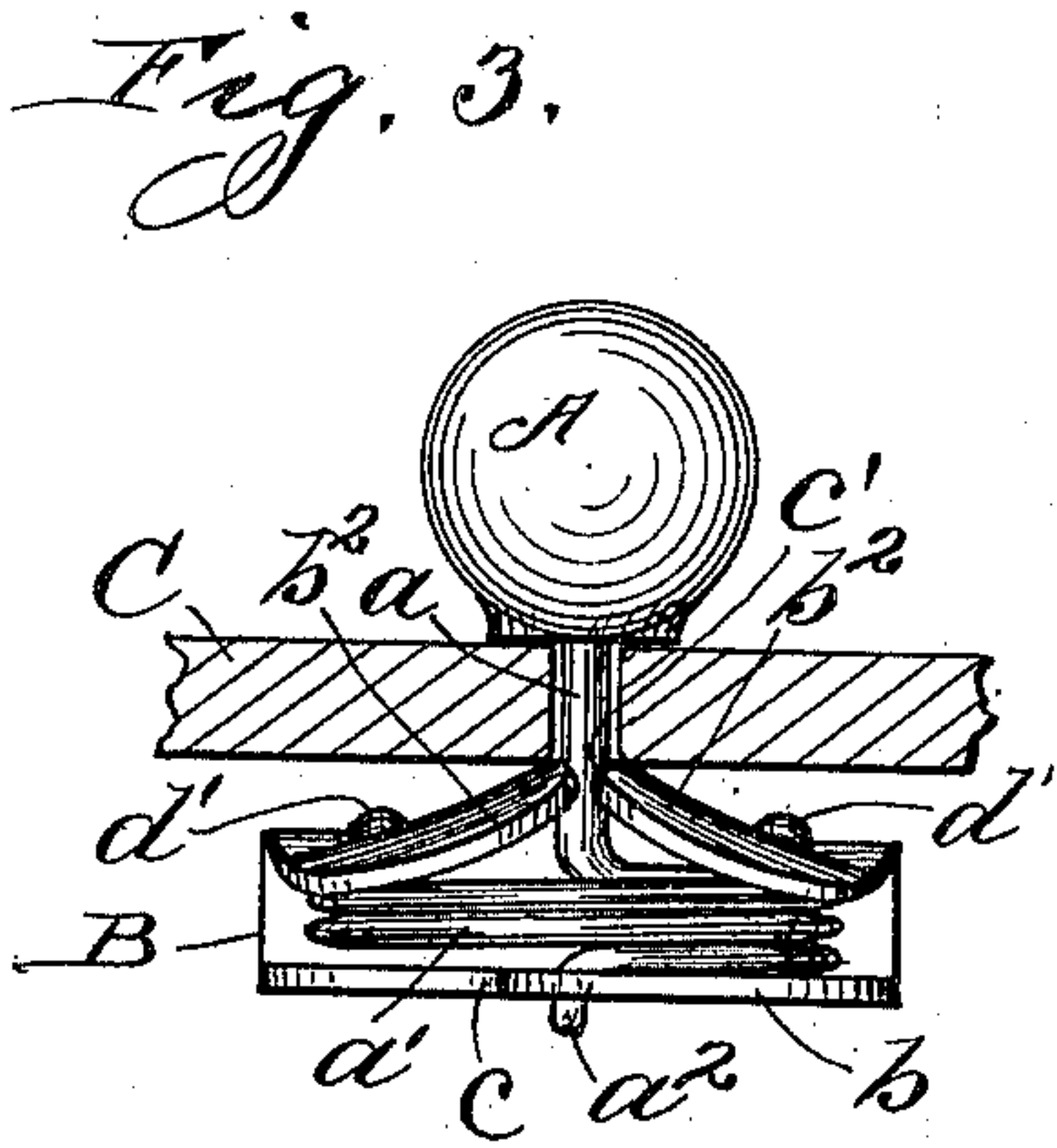
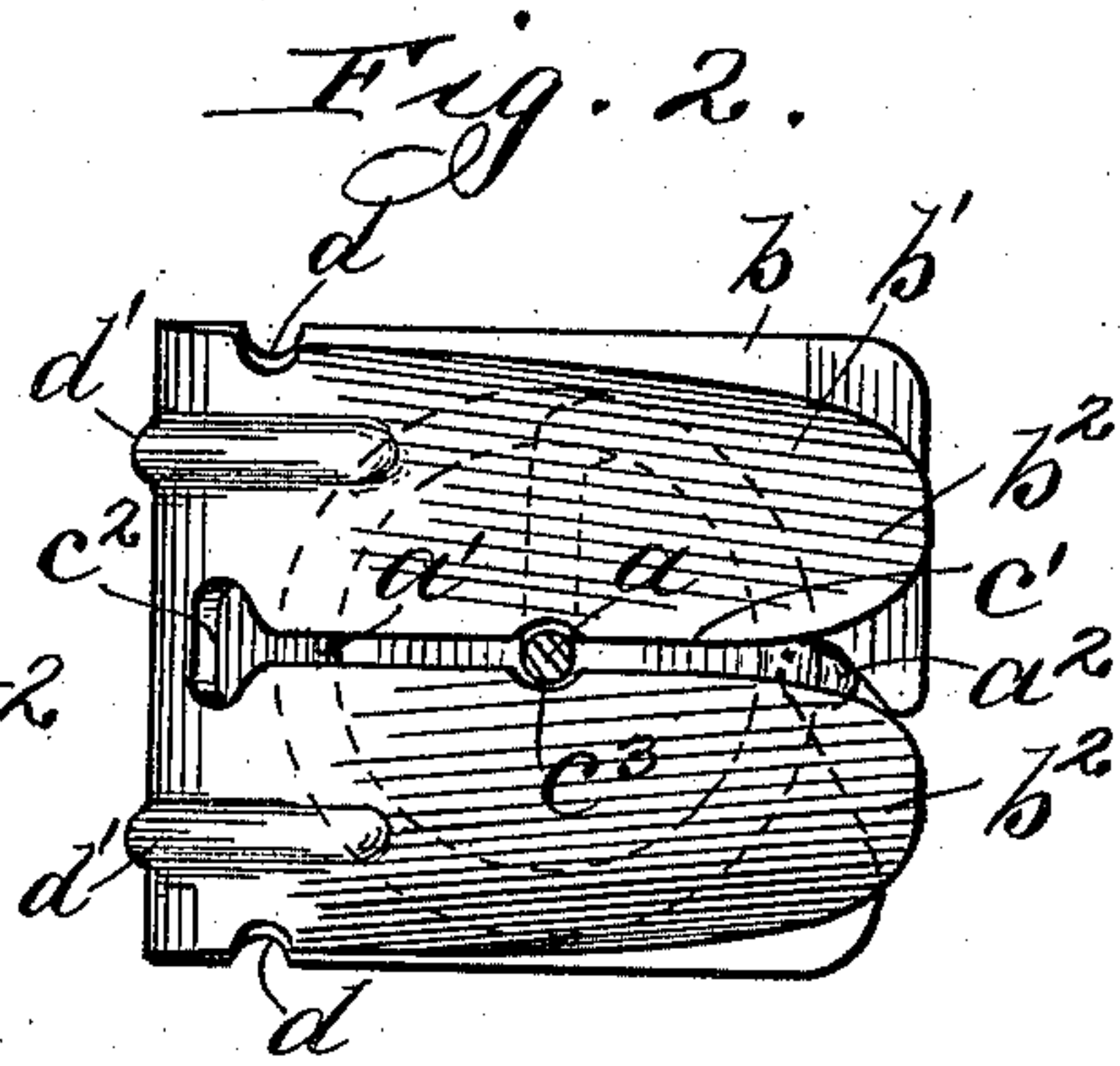
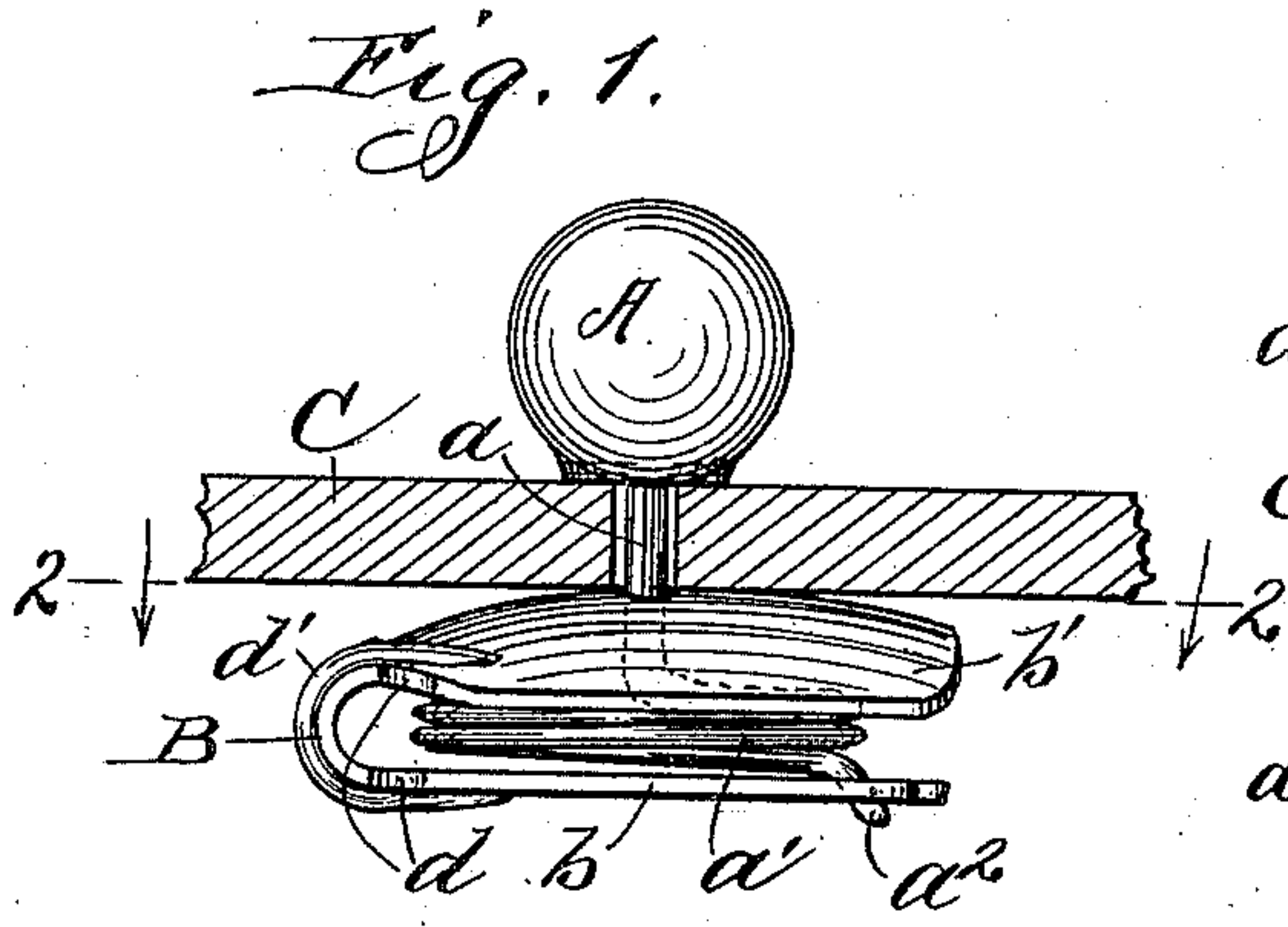
No. 647,176.

Patented Apr. 10, 1900.

J. CAMERON.
STUD GUARD OR PROTECTOR.

(No Model.)

(Application filed Nov. 6, 1899.)



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UNITED STATES PATENT OFFICE.

JOHN CAMERON, OF CHICAGO, ILLINOIS.

STUD GUARD OR PROTECTOR.

SPECIFICATION forming part of Letters Patent No. 647,176, dated April 10, 1900.

Application filed November 6, 1899. Serial No. 735,956. (No model.)

To all whom it may concern:

Be it known that I, JOHN CAMERON, 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 Stud Guards or Protectors, of which the following is a specification.

This invention relates to improvements in a guard or protector for shirt-studs, and while it is more especially intended to be used on that class of studs provided with spiral bases, yet it is applicable for use on studs of the separable type; and it consists in certain peculiarities of the construction, novel arrangement, and operation of the parts thereof, as will be hereinafter more fully set forth and specifically claimed.

The objects of my invention are, first, to provide a guard or protector for shirt-studs and the like which shall be simple and inexpensive in construction, strong, durable, and easily placed in position and readily removed therefrom; second, to provide a guard or protector which will hold the stud in the proper position in such a manner as to protect the spiral or base thereof and at the same time prevent its accidental removal or unscrewing from the shirt, and, third, such a guard or protector which will hold the head of the stud so close to the front of the shirt as to prevent the nippers used by pickpockets and thieves being applied to the stem or shank of the stud.

In order to enable others skilled in the art to which my invention pertains to make and use the same, I will now proceed to describe it, referring to the accompanying drawings, in which—

Figure 1 represents an enlarged side view, partly in section and partly in elevation, of a stud having a spiral base with my guard or protector in position thereon. Fig. 2 is a plan view, partly in section, taken on line 2-2 of Fig. 1. Fig. 3 is a front end view, partly in section. Fig. 4 is a bottom plan view of the guard or protector. Fig. 5 is a perspective view thereof; and Fig. 6 is a view in side elevation, partly in section, showing the guard in position on a separable stud or button.

Similar letters refer to like parts throughout the different views of the drawings.

A represents the head or front of a shirt-stud, which is shown as being spherical in

shape, but which may be of any desired form or construction, and is provided with a stem or shank a , which is formed into a spiral base a' , the free end a^2 of which is bent outwardly, as usual.

The guard B is formed by bending a piece of metal or other suitable material back upon itself or so as to provide a back b and the front portion b' , which are slightly separated, as is clearly shown in the drawings, to receive the base of the stud or button. The front part of the back b of the guard is provided with a slot or recess c to receive the free end a^2 of the spiral base and is preferably formed diagonally therein, as shown in Figs. 4 and 5 of the drawings. The front b' or outer portion of the guard is provided with a longitudinal slot c' , which terminates at its rear end in an enlargement c^2 , and preferably has about its middle an enlargement c^3 to receive the stem a of the stud. By thus providing the front b' of the guard with a longitudinal slot it is apparent that said portion is formed into two prongs b^2 , which have their adjacent edges bent from the back b of the guard, as is clearly shown in the drawings. The guard is preferably formed near its rear end with recesses or notches d for the reception of the thumb and finger nails when removing the same and may be provided with beads d' to strengthen it at its bent portion.

In Fig. 6 of the drawings I have shown a stud or button of the separable type—that is to say, it has a removable base A' instead of a spiral base, as shown in Figs. 1 and 2 of the drawings. When the guard is used on a button or stud of the type now under consideration, it is evident it may be of the same construction as above set forth, but the slot c' and enlargements c^3 should be somewhat wider and larger, respectively, in order to receive the enlarged stem a^3 of the base. While I have shown the slot or recess c as being located diagonally in the front end of the back of the guard, yet I do not desire to so limit myself, as I may form it in one of the sides and in any desired manner; nor do I desire to be limited to the construction of the guard or protector with the notches d and beads d' , as I may sometimes omit them. It is also apparent that when the guard is used on buttons or studs of other construction than that

of those having a spiral base it is not necessary to provide the back with the slot or recess c , and for this reason said slot may sometimes be omitted.

- 5 From the foregoing and by reference to the drawings it will be seen and clearly understood that by inserting the free end a^2 of the spiral base a' into a suitable opening in the shirt or other garment C and turning the stud
10 in the proper direction the base will be passed through said opening, when the guard B may be placed in position by forcing the prongs b^2 astride of the stem a of the stud until the stem reaches the enlargements c^3 and the free
15 end a^2 of the spiral base rests in the slot or recess c , when the stud will be held with its head or front firmly and closely against the shirt or garment, the outturned edges of the prongs b^2 resting against the rear surface of
20 the shirt or garment and acting as springs thereon. When in the position above described, it is apparent that the spiral base is fully protected and will be kept in shape by reason of its location between the back and
25 front portions of the guard, and it is further evident that as the free end a^2 of the spiral base engages the slot c of the guard the stud cannot be removed from the shirt without the removal of the guard.
- 30 The guard B, being bent back upon itself and formed in its front portion with a longitudinal slot, has two spring or yielding movements, one to accommodate bases of different

thicknesses and the other to accommodate it to stems of different sizes as well as to hold 35 the head or front of the stud close against the shirt or garment. When so held, it is obvious that the heads of the studs, which may be set with diamonds or other precious stones or jewels, cannot be easily pinched off 40 with nippers in the hands of thieves or pick-pockets.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is— 45

1. A stud guard or protector comprising a piece formed to provide front and rear portions, the front portion being divided into two prongs, the adjacent edges of which are bent outward from the rear portion, and said rear 50 portion having an oblique slot or recess in its front edge, substantially as described.

2. A stud guard or protector comprising a piece formed to provide front and rear portions having the reinforcing-beads d' , in its 55 bent portion, and the notches d , in its edges, the front portion being divided into two prongs the adjacent edges of which are provided with recesses and are bent outward from the rear portion, and said rear portion 60 having a slot or recess in its front edge, substantially as described.

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