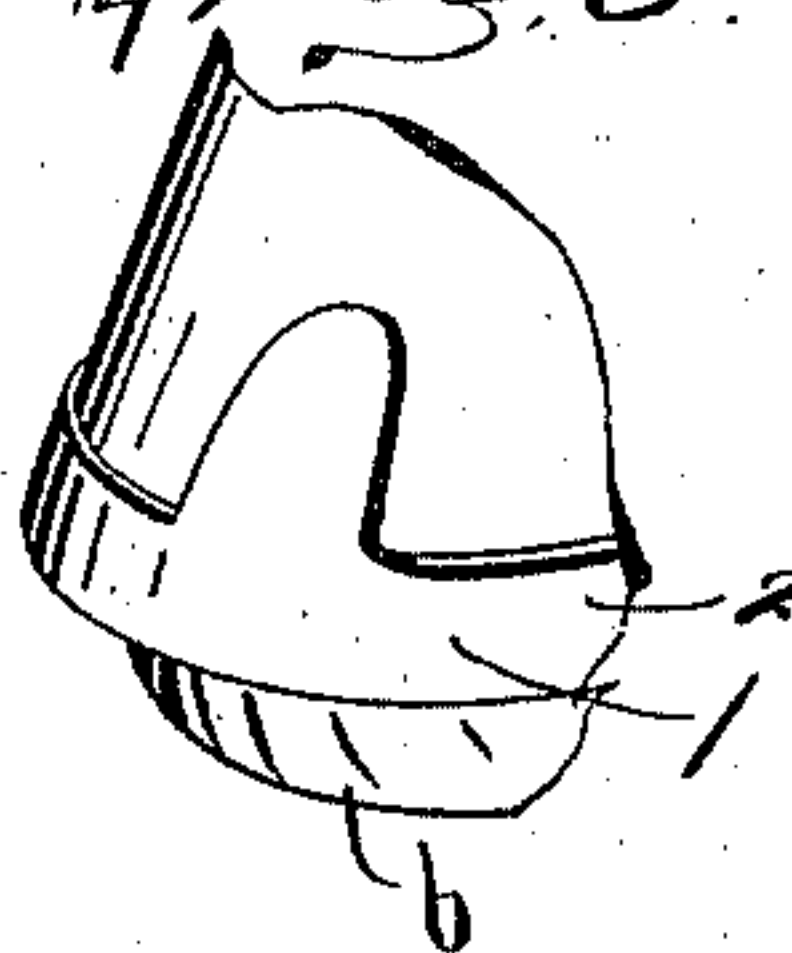
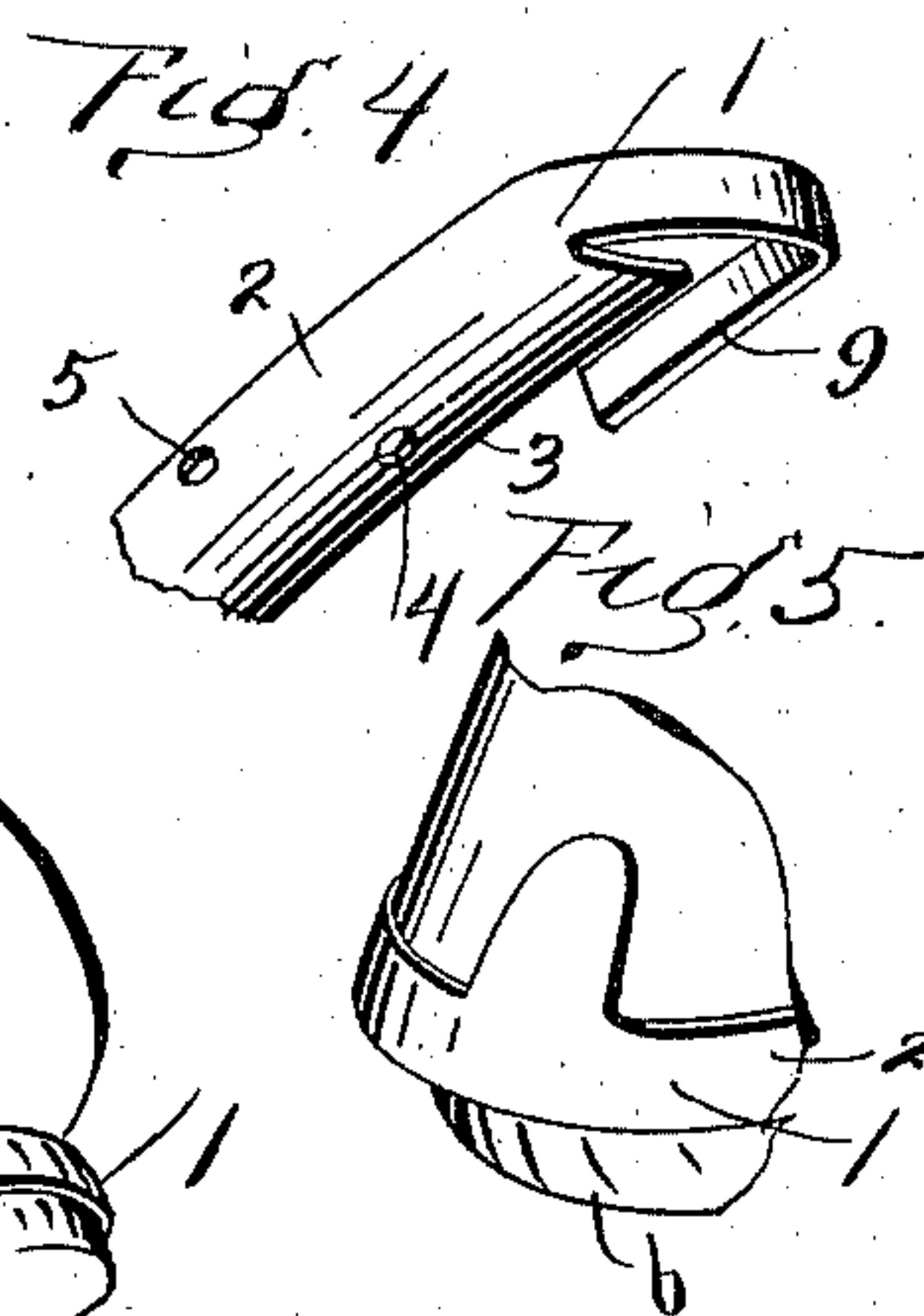
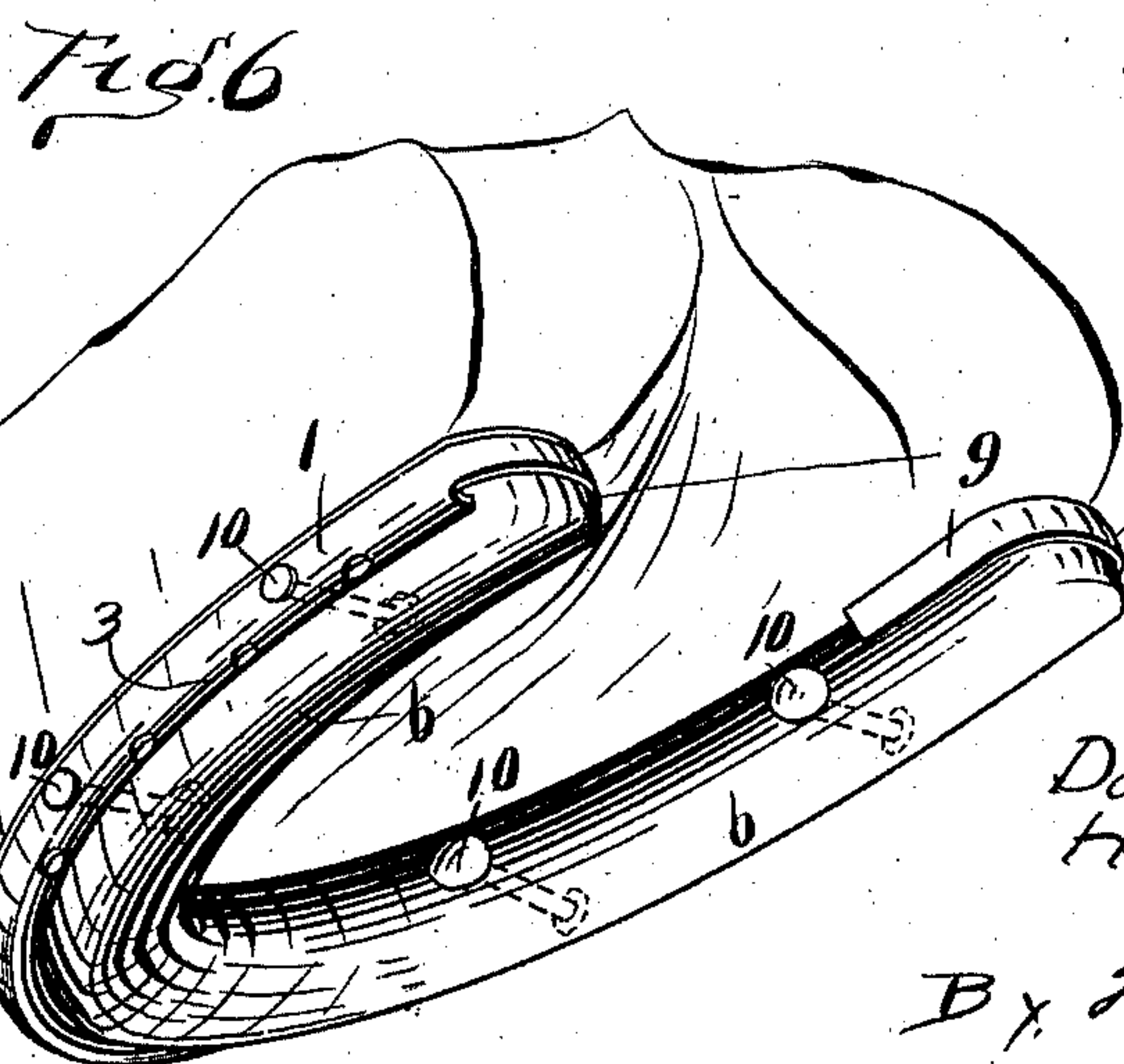
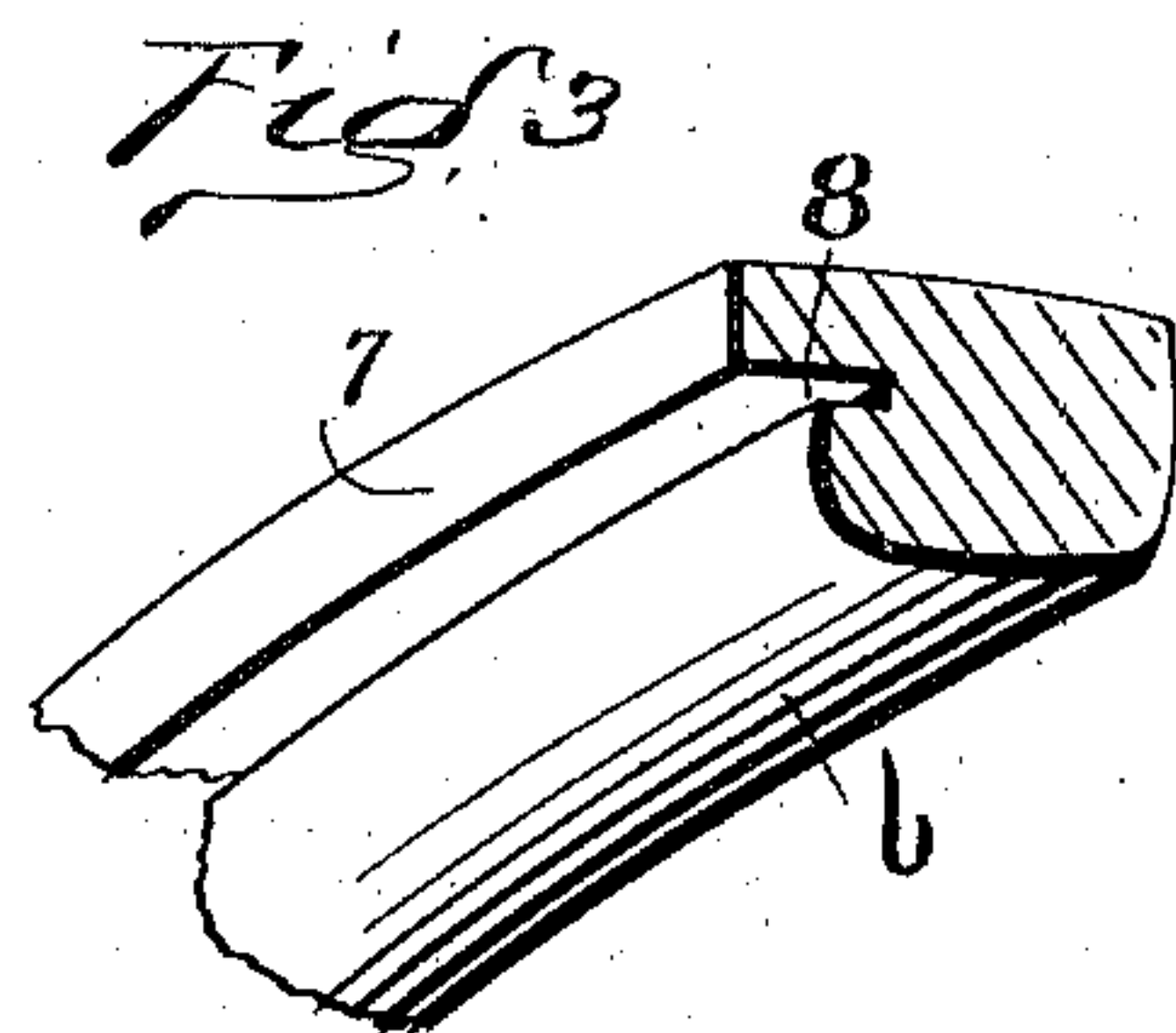
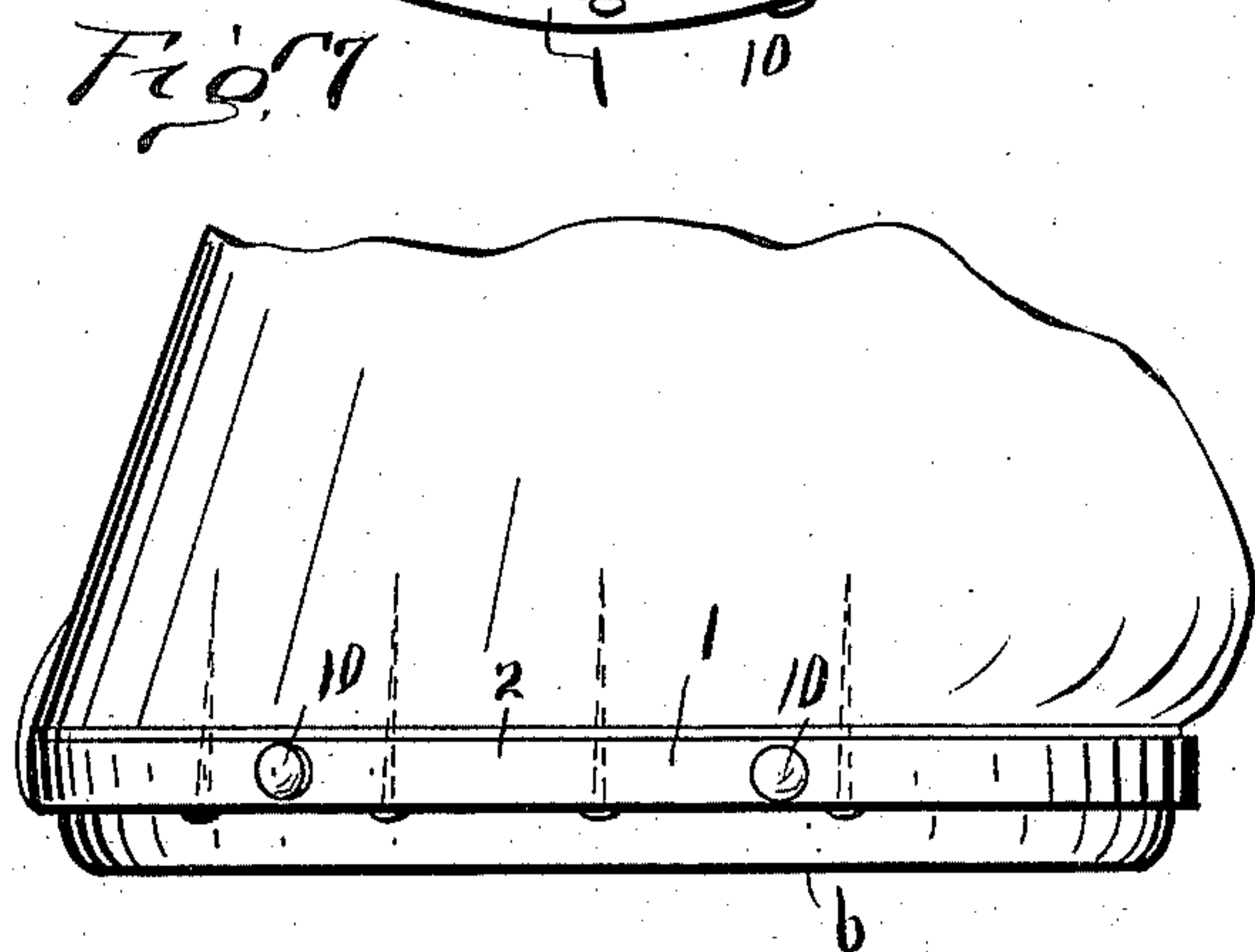
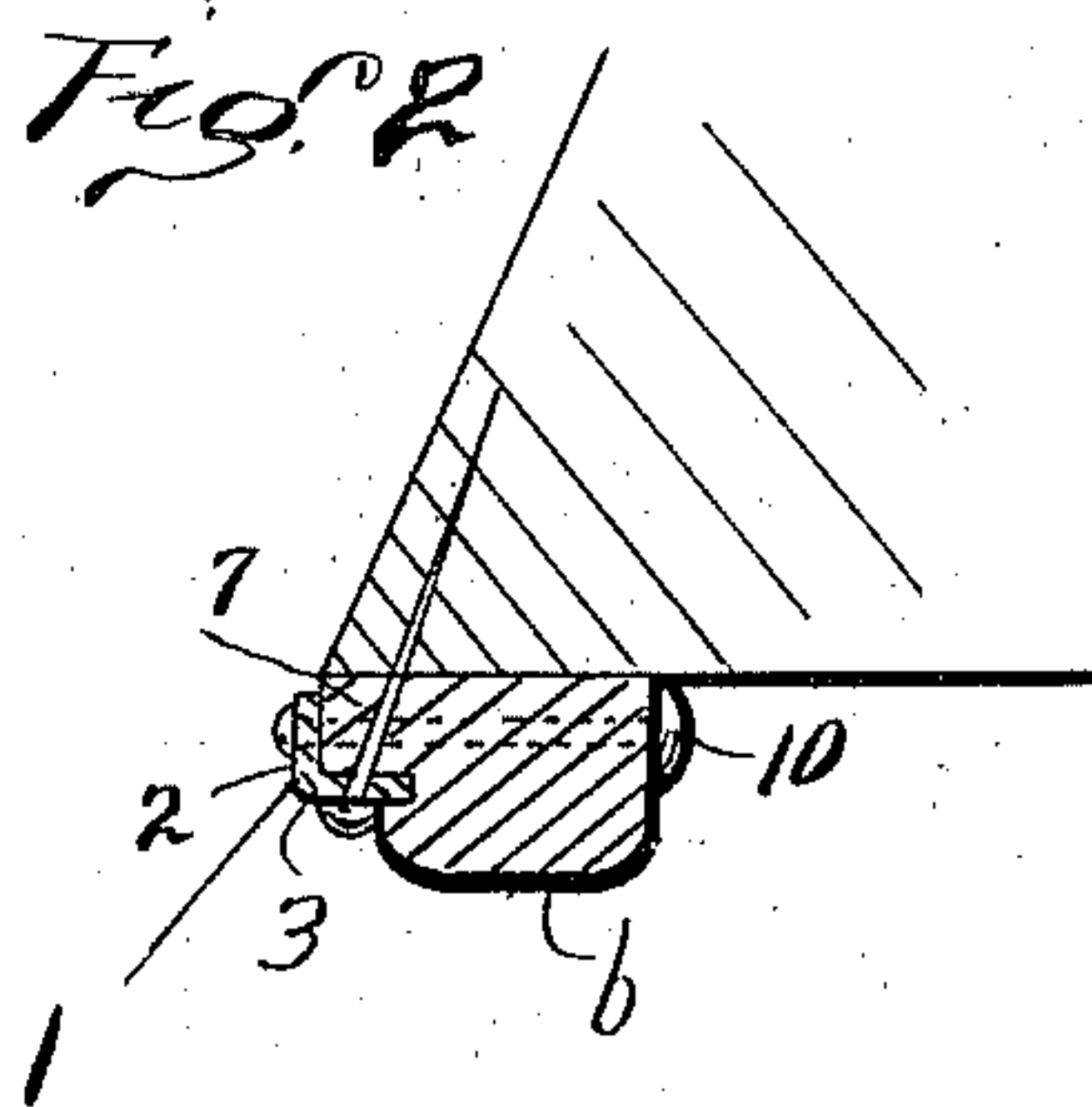
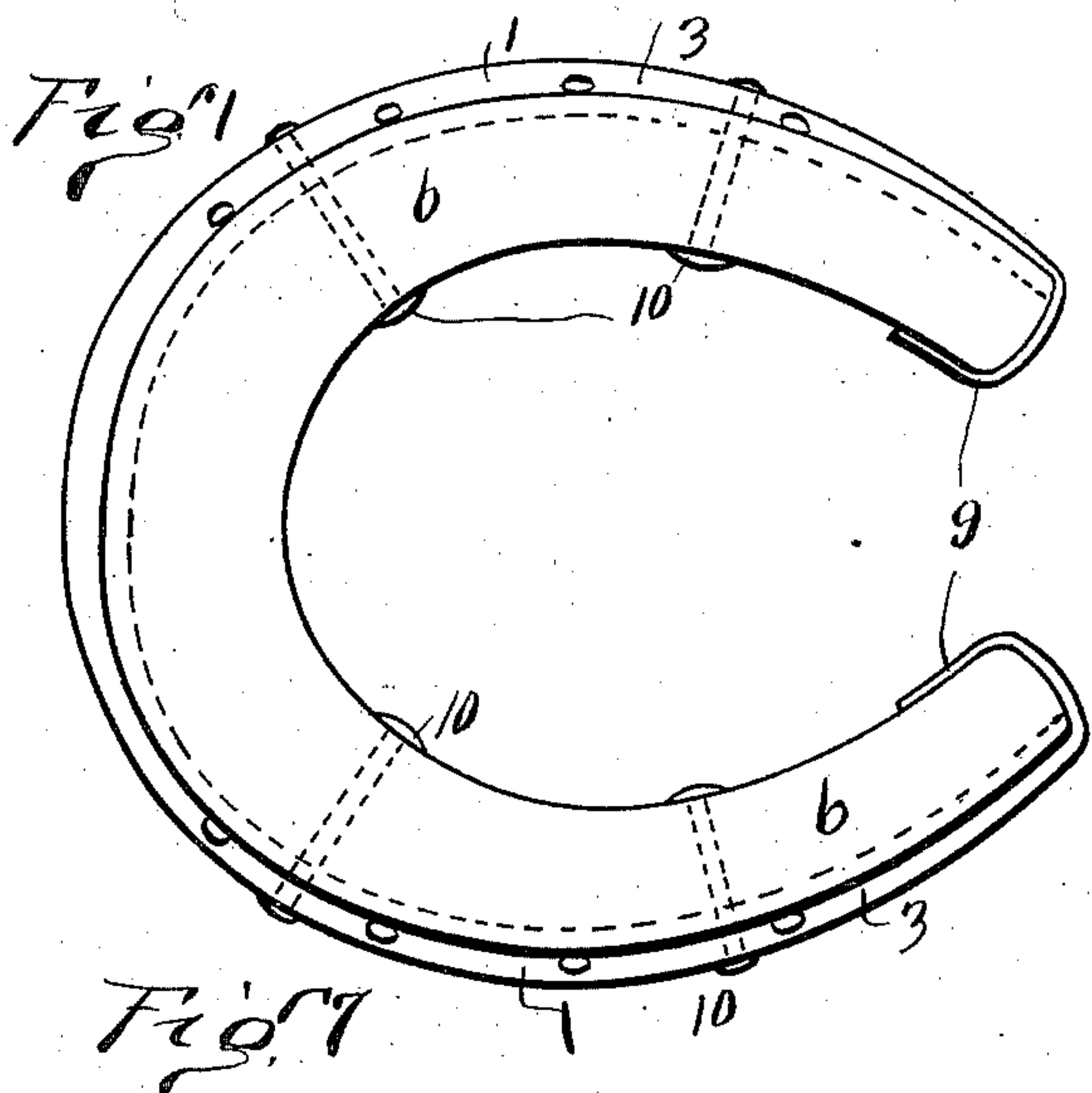


(No Model.)

D. & H. PAAR.
HORSESHOE.

No. 598,482.

Patented Feb. 1, 1898.



WITNESSES
L. J. Cross,
B. M. Dineen.

INVENTORS
Daniel Paar
Henry Paar

By Fred W. Bond

UNITED STATES PATENT OFFICE.

DANIEL PAAR AND HENRY PAAR, OF CANTON, OHIO.

HORSESHOE.

SPECIFICATION forming part of Letters Patent No. 598,482, dated February 1, 1898.

Application filed October 11, 1897. Serial No. 654,784. (No model.)

To all whom it may concern:

Be it known that we, DANIEL PAAR and HENRY PAAR, citizens of the United States, residing at Canton, in the county of Stark and State of Ohio, have invented certain new and useful Improvements in Horseshoes; and we do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the figures of reference marked thereon, in which—

Figure 1 is a bottom or under side view of the shoe, showing the different parts properly assembled. Fig. 2 is a transverse section showing the shoe properly attached to a hoof. Fig. 3 is a view showing a portion of the tread. Fig. 4 is a view showing a portion of the shoe and illustrating one of the heel ends thereof. Fig. 5 is a view showing a portion of the shoe and illustrating the toe end thereof, also showing a portion of the hoof. Fig. 6 is a view showing the shoe properly attached. Fig. 7 is a similar view showing the side of the hoof.

The present invention has relation to horseshoes; and it consists in the different parts and combination of parts hereinafter described, and particularly pointed out in the claim.

Similar numbers of reference indicate corresponding parts in all the figures of the drawings.

In the accompanying drawings, 1 represents the horseshoe-body, which has the general form of an ordinary horseshoe, and, as shown, it is formed L-shaped in cross-section, by which arrangement the vertical flange 2 and the horizontal flange 3 are formed, the horizontal flange 3 being provided with the nail-apertures 4 and the vertical flange provided with the rivet-apertures 5.

The tread 6 is preferably formed of rubber or like material, and like the body 1 is to be of the general form of a horseshoe. The tread 6 is provided with the outwardly-extending flange 7 and the groove 8, said flange and groove being located substantially as shown in Fig. 3, and are so formed for the purpose hereinafter described. The groove 8, formed in the tread 6, is for the purpose of receiving

the horizontal flange 3 of the body 1, and the flange 7 is for the purpose of providing a means for connecting the tread to the hoof of a horse by means of nails driven through the horizontal flange 3 and the flange 7 into the hoof of a horse, thereby connecting the tread and the body to the hoof and at the same time connecting the two parts together.

For the purpose of holding the heel ends of the tread 6 in proper relative position the body 1 is provided with the tangs 9, which tangs are formed so that they will embrace the heel ends of the tread, as illustrated in Figs. 1 and 6.

It will be understood that by our peculiar arrangement the top or upper side of the tread 6 will come in contact with the bottom or under side of the hoof, by which arrangement the hoof will be cushioned, and at the same time a cushion will be provided upon the bottom or under side of the tread, inasmuch as the top and bottom sides of the tread are exposed when the shoe is removed from the hoof. It will be readily seen that by this arrangement a shoe will be provided that will be easy when placed upon the hoof of a horse.

For the purpose of preventing the tread 6 from crowding inward so as to tear away from the nails driven into the horse's hoof the rivets 10 are provided, which rivets extend through the vertical flange 2 and the tread 6, as illustrated in Fig. 2.

We do not desire to be confined to the rivets 10, as it will be seen that the object and purpose of our invention can be carried out without the use of said rivets.

The vertical flange 2 of the body 1 may be extended upward so as to embrace the bottom or lower portion of the horse's hoof. In the drawings said flange is shown in a line to correspond substantially with the bottom or under side of the hoof. The location of the flange, however, is a matter of judgment, and, so far as the present invention is concerned, it is immaterial whether said flange is located as shown or extended upward so as to embrace a portion of the hoof.

By our peculiar arrangements the tread is extended above and below the shoe proper, said shoe acting in the nature of a band for

the tread, and the tread forms the body of the shoe.

Having fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

5 The combination of the body 1, provided with the tangs 9 located at the heel ends of the shoe, the tread 6, provided with the outwardly-extending flange 7, and the groove 8,
10 the horizontal flange of the body 1, located in the groove formed in the tread, and said

tread extended above and below the body, substantially as and for the purpose specified.

In testimony that we claim the above we have hereunto subscribed our names in the presence of two witnesses. 15

DANIEL PAAR.
HENRY PAAR.

Witnesses:

F. W. BOND,
J. A. JEFFERS.