Sept. 20, 1938. W. J. GRUNER 2,130,682

HIP BOOT

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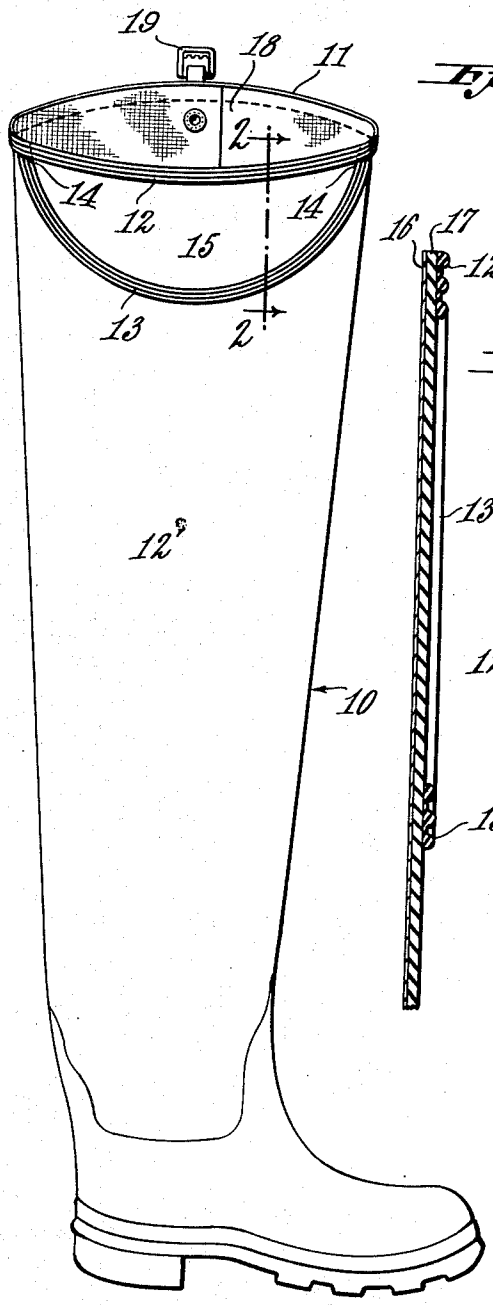


Fig. 1.

Fig. 2.

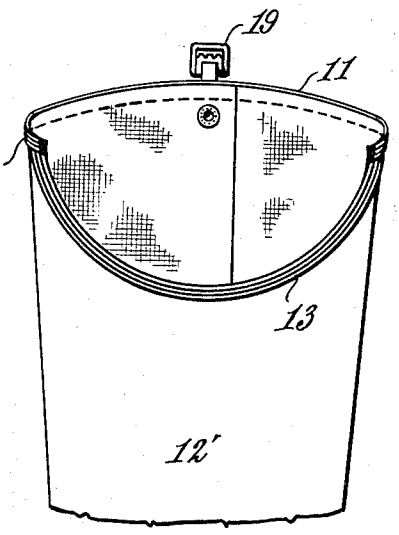


Fig. 3.

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HIP BOOT

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2 Claims. (Cl. 36—4)

This invention relates to hip boots and particularly to rubber hip boots having an improved leg which is manufactured in predetermined leg lengths and may be subsequently altered to a shorter effective leg length.

In order that a person may wade in the deepest water his length of legs will permit, the boot leg should extend to his crotch but should not wrinkle between his legs or pull at the crotch, as this latter action may cause chafing of the person at such points. The leg length of different persons having the same foot size differ, and it has been necessary to manufacture and carry in stock boots of the same foot size in different leg lengths to fit different persons having such different leg characteristics.

It is among the objects of this invention to provide a boot having an improved top leg construction which when manufactured is adapted to be worn by a person having a predetermined leg length and is adapted to have a portion subsequently removed therefrom to fit a person having a shorter leg but without altering the serviceability of the boot, and thereby reduce the number of boots required to be manufactured and carried on hand by the retailer.

An embodiment of the invention is illustrated in the accompanying drawing in which

Figure 1 is an elevational view of a left boot taken from above and embodying this invention;

Figure 2 is a cross sectional view on line 2—2 of Fig. 1; and

Figure 3 is a top portion of the boot leg shown in Fig. 1 having a portion removed therefrom to alter it so that it will fit a shorter leg of a person.

Referring to Fig. 1, the invention is illustrated herein with reference to a rubber boot 10 having a substantially straight top edge 11 provided with a reinforcing bead 12, preferably, of rubber extending around the margin of the top edge portion. The crotch side 12' of the boot leg adjacent to the top edge 11 is provided with a reinforcement 13, preferably, in the form of a rubber bead having its ends connected to the top bead 12 and defining a crescent-shaped area 15 between the inner edge of the bead 13 and the top edge 11 of the boot. The boot is provided with the usual lining 16 and rubber layer or layers 17. The reinforcing bead 12 and the reinforcement 13 are preferably secured to the rubber layer 17 by vulcanizing these parts together during the manufacture of the boot. The hip side 18 of the boot leg is provided with a top supporting member 19, as shown herein in the form of a buckle, to which a waist or shoulder strap may be attached to hold up the boot top.

As illustrated in Fig. 3 the crescent-shaped area 15 has ben removed along the inner edge of the bead 13 from the top portion of the boot 10 shown in Fig. 1 to alter the boot leg so that it can be worn by a person with shorter legs. In such case the re-inforcing bead 13 is left in place and together with the remaining portion of the bead 12 reinforces the top edge 11 as if the boot had been so constructed at the factory. Also the function of the buckle 19 is not impaired.

While the preferred embodiment of this invention has been shown and described herein it will be understood that the reinforcement 13 as described herein may be made in one or more pieces provided with lines thereon lying above the outer or lower margin of the reinforcement for outlining areas of different depths to be cut out in order to accommodate the length of the boot leg to one or more different leg lengths of the wearer, and other changes may be made without departing from the spirit and scope of this invention as defined by the appended claims.

Having thus described my invention, what I claim and desire to protect by Letters Patent is:

1. A boot having a top adapted to extend adjacent to the crotch of the wearer, said top having a reinforcing bead secured to the top margin thereof, a second reinforcing bead secured to said top on the crotch side thereof and connected to the first bead at each end and extending below said top margin, the inner edge of said second bead outlining an area on the crotch side of said top which area may be cut out to shorten the effective length of said top along the crotch side.

2. A boot having a top adapted to extend adjacent to the crotch of the wearer, said top having a substantially straight top margin, a reinforcing bead extending around and secured to said margin, and a second reinforcing bead extending from and below the first bead and defining a crescent-shaped area between it and the upper edge of said boot top which may be cut out to shorten the effective length of said top along the crotch side.

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