Dec. 25, 1923. 1,478,468

E. H. BINNS ET AL

DETACHABLE SHOE CUFF

Filed April 29, 1922

Fig. 1.

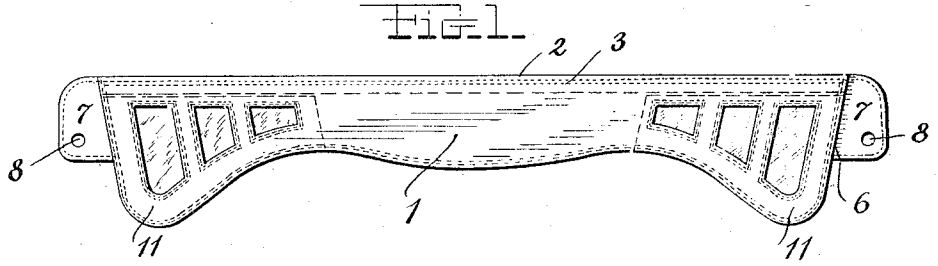


Fig. 2.

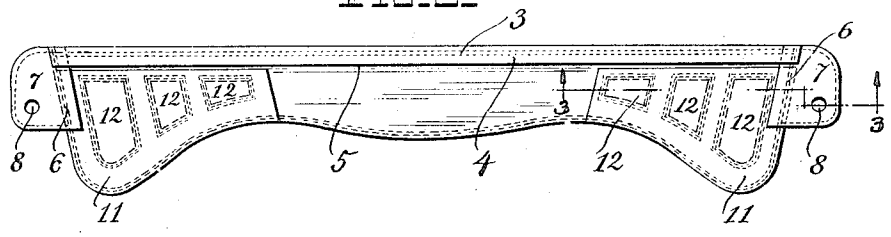


Fig. 4.

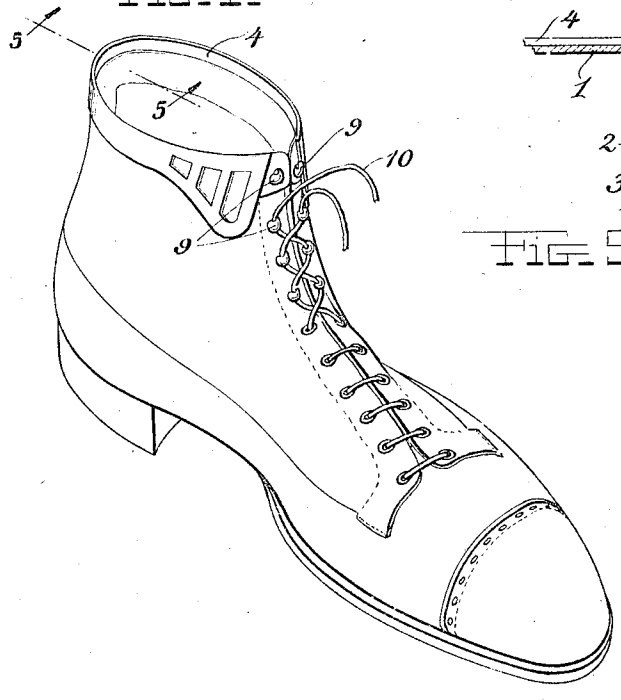


Fig. 3.

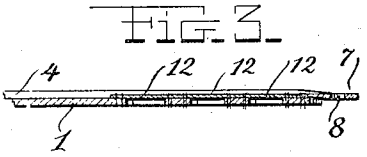
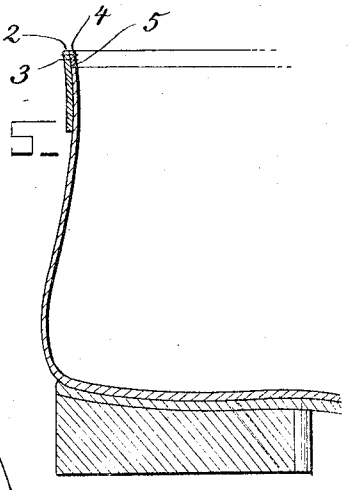


Fig. 5.



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UNITED STATES PATENT OFFICE.

EDWARD H. BINNS AND RALPH H. BINNS, OF PITTSBURGH, PENNSYLVANIA.

DETACHABLE SHOE CUFF.

Application filed April 29, 1922. Serial No. 557,331.

To all whom it may concern:

Be it known that we, EDWARD H. BINNS and RALPH H. BINNS, citizens of the United States, and residents of Pittsburgh, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Detachable Shoe Cuffs, of which the following is a specification.

Our invention relates to a cuff and aims to provide a device of this nature presenting certain improvements over the prior patent of Edward H. Binns Number 1,215,767 of February 13, 1917, as well as our pending application Ser. No. 518,147 filed November 28, 1921.

More particularly we have found in connection with the devices aforementioned that many objections have been noted in that cuffs of this nature were incapable of being readily removed from or applied to a shoe, and also that the same were more or less cumbersome in certain instances.

With these and further difficulties in mind the present invention aims to provide a cuff particularly adapted for use in connection with shoes, which cuff may readily be removed from or attached to the shoe, and which when in position thereon will present an extremely neat and compact appearance.

A further object of our invention is that of providing a device of the nature stated which although attached to the body of the shoe in the simplest possible manner will always remain in position with respect to the body of the shoe.

A still further object of this invention is that of providing a shoe cuff which may be utilized to advantage in drawing the shoe on to the foot.

Another object of our present invention is that of providing a cuff for a shoe which, in addition to the purposes mentioned in the last paragraph, may also be utilized to conceal the ends of the shoe string bow.

Thus our cuff is capable of use in connection with a shoe without necessitating any special work on the latter for adapting them for assemblage with the cuff, and also by the use of this device it will be noted that aside from concealing and retaining certain portions of the shoe string, a member is provided which affords a gripping element whereby the shoe may be drawn upon the foot in an extremely easy manner.

Reference is had to the attached sheet of drawings as illustrating one practical embodiment of our invention, and it will be seen in these drawings that:

Figure 1 is an exterior flattened view of our present type of cuff.

Figure 2 is a similar but inner view thereof.

Figure 3 is a longitudinal sectional view taken along the line 3—3 and in the direction of the arrows indicated in Figure 2.

Figure 4 is a perspective view of a shoe of standard construction showing our improved form of cuff associated therewith, and

Figure 5 is a transverse sectional view taken along the line 5—5 and in the direction of the arrows indicated in Figure 4.

It will be seen in the type of cuff shown in the drawings of the present application that the same includes a strip 1 which may be of any desirable material, it being noted that the lower edge of this strip may follow any contour consistent with neatness of appearance.

This strip presents a straight upper edge 2 and secured to the inner face of the said strip and adjacent this edge of the same is a fillet or strip 4 of leather or other suitable material. It is to be noted that we prefer to have the upper edges of the strip 1 and fillet terminating in substantially the same plane and these members may be attached to one another in any desirable manner, as for example stitching, it being further noted that the lower edge 5 of the strip 4 is substantially parallel with the upper edge thereof and when in applied position, bears against the uppermost edge of the shoe upper as has been illustrated in Fig. 5.

Now with a view of securing the cuff to the shoe upper, we may utilize any desirable means such as for example, tabs 7 which are suitably arranged adjacent the ends of the cuff and these tabs may be retained in position by stitching 6 and each of the tabs is provided with an opening 8, through which a member affixed to the shoe upper may extend. In the embodiment illustrated these members are provided by utilizing the uppermost hooks of the series of lacing studs 9 which are affixed to the shoe and it will thus be obvious that an accidental removal of the cuff from the shoe upper will then be prevented.

Thus when the parts are in this position the lower edge of the fillet will rest against

the upper edge of the shoe, the cuff being thus retained in proper position, and it is to be noted in this position, that the inner face of the cuff will bear against the outer face of the shoe upper, it being of course appreciated that the distance between the openings 8 correspond to the distance between the lacing stud shanks, or any other elements utilized to mount the cuff.

In use it will be understood that the cuff may readily be attached to or detached from the shoe by simply passing the supporting elements therefor through the openings 8 thereof. When the parts are properly assembled, however, the shoe may readily be drawn on to the foot by simply grasping the cuff at any desirable point, such as for example substantially intermediate its end portions, and drawing the shoe upon the foot by means of this cuff. It is to be noted in this connection that this drawing of the shoe on to the foot is facilitated due to the cuff, not alone for the reason, that a pull member is thus provided, but also for the reason that the cuff will act as a gripping member whereby the upper rear edge of the shoe may be gripped, without any danger of the fingers or thumb slipping therefrom.

After this operation has been completed, it will be understood that the shoe may be laced, and if desired, the ends of the shoe string 10 may be introduced into the space between the corner flaps 11 of the cuff, and the shoe upper, at which point they will not be visible, and will also be prevented from moving with respect to the shoe.

Thus all of the objects of this invention have been accomplished, and it will be understood that numerous modifications of structure such as for example applying ornamentation 12 to the openings in the flaps 11 which might readily be resorted to without in the least departing from the spirit of our invention, as defined by the claim which is:

A lace shoe having a front opening provided at its upper ends with outwardly turned lacing studs and provided at its top with a detachable shoe cuff provided along its under inside margin with a lengthwise extending fillet, the under edge of which forms a shoulder bearing on the upper edge of the shoe top, and each front end of the cuff being provided with a hole whereby the cuff ends are severally attached to one of said lacing studs, each front end of the cuff rearwardly of said hole having a dependent flap, and such two flaps being opposed to the shoe top.

Signed at New York city, in the county of New York and State of New York, this 27th day of April A. D. 1922.

EDWARD H. BINNS.
RALPH H. BINNS.