Feb 14, 1928. 1,659,524

H. T. FAULKS

TOE PLATE FOR SHOES

Filed Dec. 13, 1926

Fig. 1.

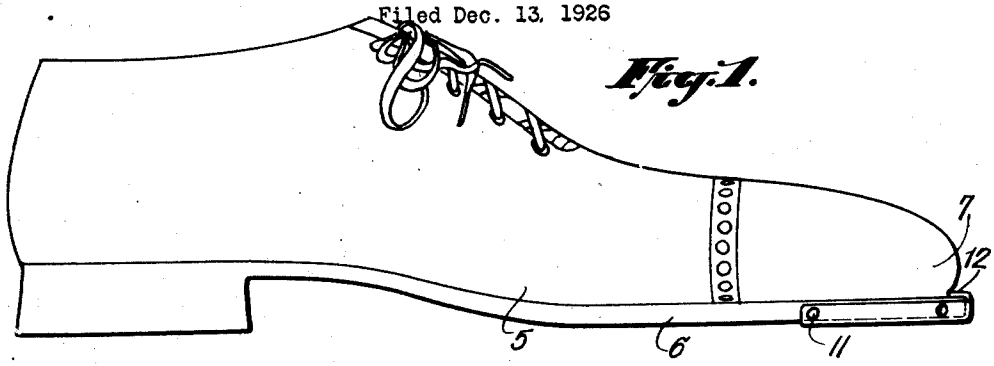


Fig. 2.

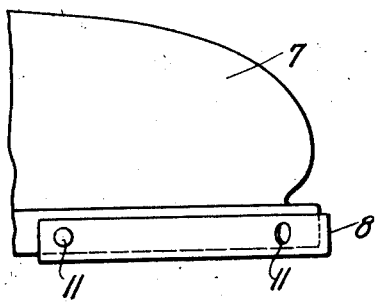


Fig. 4.

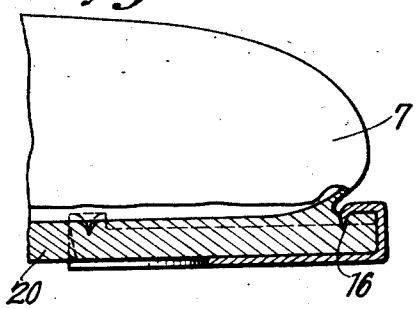


Fig. 3.

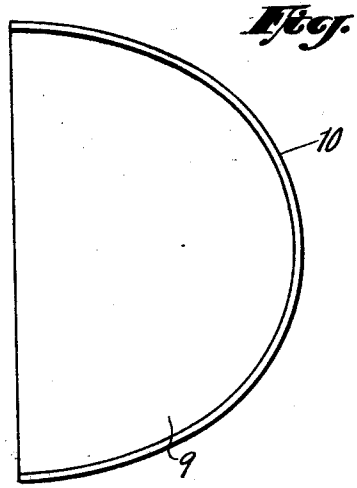
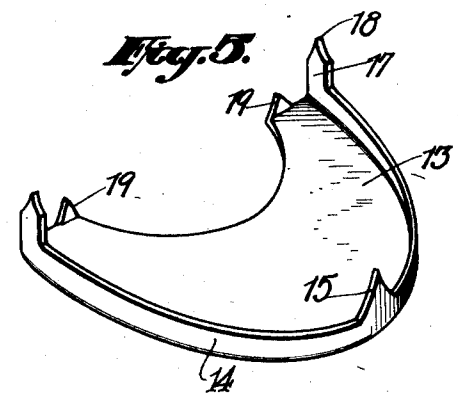


Fig. 5.



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UNITED STATES PATENT OFFICE.

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TOE PLATE FOR SHOES.

Application filed December 13, 1926. Serial No. 154,557.

This invention relates to toe plates and in particular to a type adapted to be placed over the toe portion of a child's shoe to prevent undue wear thereof.

A particular object of the invention is to provide a toe plate which will cover the toe portion of the sole of the shoe and prevent its wear due to the dragging of the feet in playing to wear out the toe of the shoe thereby also damaging the upper and rendering the shoe irrepairable.

It is a particular object of my invention to provide a toe plate which will protect the edge of the sole and one which can be quickly attached with a minimum of time and labor and one which may also be produced in large quantities at small cost thereby enabling the consumer to use them in conjunction with any number of pairs of shoes to prevent undue wear thereof.

To enable others skilled in the art to fully comprehend the underlying features of my invention that they may embody the same in the various modifications in structure and relation contemplated, a drawing depicting a preferred form has been annexed as a part of this disclosure and in such drawing, similar reference characters denote corresponding parts throughout all the views, of which,

Figure 1 is a side view in elevation of a shoe, preferably a child's shoe showing the attachment thereto of my improved toe plate.

Figure 2 is a fragmentary view of the toe portion of the shoe in side elevation showing more clearly the position of the toe plate attached thereto.

Figure 3 is a top plan view of the toe plate as it would appear before being placed upon the shoe.

Figure 4 is a view in side elevation of a shoe toe, the sole portion thereof being shown in section and having connected thereto, a modified form of my toe plate, and

Figure 5 is a view in perspective of the modified form of toe plate illustrated in Figure 4.

Referring to the drawing in detail, 5 indicates a shoe, preferably a child's shoe, and having, as is common in children's shoes, a thick sole 6.

In order to prevent the wear of the sole 6 at the toe 7 of the shoe, I provide a metal toe plate 8 which has substantially the arcuate shape of the sole of the shoe 6 at the toe portion thereof and is provided with a bottom 9, the upstanding edges 10 thereof being of such a height as to cover substantially the edge of the sole at the toe portion of the shoe.

In order to fasten the toe plate in position, I provide at the side thereof, the tack 11 which can be driven into the leather of the sole of the shoe and which will retain the toe plate 8 in position. In order to more securely hold the toe plate in position, as shown in Figure 1, I may provide a lip 12 which extends upwardly and rearwardly over the extreme toe end of the sole to prevent the toe plate from becoming loose at any point when the child drags his foot along the ground, as in the propulsion of a toy or vehicle.

It is evident that a child is constantly pushing himself forward on a small vehicle and will more or less drag the feet and the greatest wear to the shoe occurs in the toe portions thereof, consequently, some means must be provided for covering up the toe portion of the sole of the shoe which wears the quickest and which, when completely worn, prevents repair of the shoe due to the fact that the sole becomes worn too far so that there is nothing left to which the upper may be secured. In preventing this wear, my improved toe plate also prevents wear of the under side of the toe portion of the sole due to its bottom 9, which covers this portion of the sole and prevents wear thereto. The lip 12, hereinbefore referred to, also prevents the front portion of the toe plate from becoming loose from the sole of the shoe and while it is not necessary, yet this lip will strengthen the whole of the toe plate on the toe and on the shoe sole.

In Figures 4 and 5, I have shown a modified form of toe plate comprising a bottom 13 and a side flange 14, the latter of which, of course, as shown in Figure 1, covers the edge of the sole and surrounds the front thereof.

My modified form of sole plate may also be provided, if desired, without any front sole engaging lip, but as shown in Figure 5 and also in Figure 4, I have provided a sharpened lip 15 which may be bent in and forced into the leather of the sole as at 16 so as to provide a grip for the toe plate upon the sole to prevent it from becoming loose. I have also shown in connection with the upstanding flange 14, of the modified form

of sole plate, rearwardly disposed lips 17, which may be sharpened as at 18 so that when they are bent over the edge of the sole at the sides thereof, they may be imbedded in the sole material to prevent separation of the toe plate from the sole.

It will be noted also that in order to secure the toe plate in position and prevent its moving about that I provide upstanding prongs 19 which may be imbedded in the sole 20 of the shoe as illustrated in Figure 4 and which, even if the lips 17 become worn or broken, will prevent loosening of the toe plate from the toe of the shoe.

It is evident, therefore, that I have provided an improved toe plate for shoes which will prevent wear of the sole of the shoe in the toe portion thereof, will thereby prolong the life of the shoe and even should the upper become worn, it can be readily replaced by the reason of the fact that the toe plate has prevented wear of the sole to which the upper may be secured.

It is also evident that I have provided a toe plate which can be manufactured in large quantities and at small cost and which can be used in quantity by the consumer and which will reduce the cost of shoe repairs by protecting the shoes of children.

While I have illustrated and described my invention with some degree of particularity, I realize that in practice various alterations therein may be made. I therefore reserve the right and privilege of changing the form of the details of construction or otherwise altering the arrangement of the correlated parts without departing from the spirit of the invention or the scope of the appended claim.

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

A toe plate for shoe soles having a semi-circular bottom providing a rear edge, an arcuate edge portion upstanding from said bottom, front and rear lips extending from and normally lying in direct alignment with said edge portion and adapted to be bent over and forced into the sole and penetrating prongs extending upwardly from said rear edge in positions contiguous to said rear lips.

In testimony whereof I affix my signature.

HARRY T. FAULKS. [L. S.]