NEVERSIP FOR SHOES

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This invention relates more particularly to a class of devices for use in footwear.

My invention has for its object primarily to provide a neverslip device designed to be employed in footwear for persons, especially low styles of shoes, such as slippers, oxfords, pumps and the like, for preventing the heels of the wearer from tending to slip, in order to permit types of shoes having very low forms of uppers as well as those of standard cut uppers to be comfortably worn. The invention consists essentially of a blank of relatively thin leather or other flexible material which is suitably roughened for causing the material to frictionally engage and cling to stockings, and the blank has a strip like body part with an integral extension or tongue member on its upper end portion. The body part and its tongue are adhesively secured or otherwise fixed on the inner face of the central portion of the heel of the shoe, and these parts are curved to conform with the curvature of the heel. The body part and the tongue are of such lengths and widths that the body part covers the lower portion of the seam of the heel of the shoe with its lower end portion lapping upon the inner face of the sole of the shoe and so that the tongue covers the upper portion of the seam of the heel of the shoe. Protruding in opposite lateral directions from the juncture of the body part with the tongue may be two extensions or wing members which are also adhesively secured to the inner face of the heel of the shoe for frictionally engaging the upper parts of the heel of the wearer, while the tongue serves to frictionally engage the part of the foot of the wearer above the heel. Liability of the shoe to slip on the heel of the wearer will thereby be effectually prevented.

A further object of the invention is to provide a neverslip device for shoes of a simple, efficient and durable construction which may be made in appropriate sizes and shapes.

With these and other objects in view, the invention will be hereinafter more fully explained with reference to the accompanying drawing forming a part of this specification in which similar characters of reference indicate corresponding parts in all the views, and will then be pointed out in the claims at the end of the description.

In the drawing, Figure 1 is a fragmentary view, partly broken away, showing part of a person's shoe with one form of my improved neverslip applied thereto.

Fig. 2 is a plan of the blank from which the device is made, and Fig. 3 is a sectional view taken on the line 2—2 of Fig. 2.

The neverslip device is preferably formed from a blank 10 of relatively thin leather or other flexible material, and one or both surfaces of the blank may be suitably roughened, as at 11, for frictionally engaging the heel or stocking of the wearer to prevent the heel from tending to slip when the device is used in a shoe, as will be hereinafter more fully explained.

The blank 10 has a strip like body part 12 which may be of any suitable shape and size, though the form of the body part illustrated is formed with side edges tapered on a downward diverging incline, as at 13, 14, relatively to the vertical center line of the body, and the lower end of the body part may be scalloped or serrated, as at 15, if desired.

On the upper end of the strip like body part 12 is an extension or tongue 16 which protrudes upwardly. This tongue may be of any suitable size and shape, though the form of the tongue shown is somewhat narrower than the body part 12, and this tongue has upwardly inclined side edges, as 17, 18, and a straight top edge 19.

Extending in opposite lateral directions from opposite parts of the juncture of the body part 12 with the tongue 16 of the blank may be two aligned wing members or extensions 20, 21. These wing members may also be of any suitable shapes and sizes, though I prefer to form these wing members of shapes having each a curved lower edge, as 22, and having a straight upper edge, as 23.

While the neverslip thus formed may be employed in any style of shoe it is generally used in conjunction with slippers, pumps and low shoes, as 24. Practically all shoes of this type are seamed, as at 25, centrally of the heel portion 26. When the device is made for the shoe 24 of a given size the body part 12 is provided of such a size that the body part will cover the lower part of the seam 25 as well as covering the parts of the heel portion 26 of the shoe ad-
jacent to the seam and so that the serrated end portion will lap upon the inner face of the sole, as 27, of the shoe. The tongue 16 of the device is made of such a size that it will cover the upper part of the seam as well as covering the adjacent parts of the heel portion. The blank 10 is applied to the central part of the inner face of the heel portion of the upper 28 of the shoe by being adhesively glued or cemented or otherwise secured to the heel portion, and during the process of applying the blank it is curved to conform with the curvature of the heel portion. The blank is also arranged so that the tongue 16 and the body part covers the heel seam 25 with the upper edge 19 of the tongue 16 terminating at the upper extremity of the heel portion of the shoe and with the serrated end of the body part lapping upon the sole 27 under the sock lining 28 of the shoe. The wing members 20, 21 will then be curved lengthwise of the heel portion 26 of the shoe, as shown in Fig. 1. With the device applied in this manner to the shoe the body part 12 will serve to frictionally engage the lower part of the heel of the wearer, while the curved lower edges 22 of the wing numbers 20, 21 will frictionally engage the upper parts of the heel of the wearer, and the tongue 16 will frictionally engage the part of the foot of the wearer above the heel. The shoe will thereby be prevented from slipping from the heel of the wearer. Moreover, shoes, of this class are usually designed to fit snugly upon the heel of a person, and as the heel seam is usually formed with extended edges overlapping the inner face of the heel portion of the shoe these overlapping edges frequently tend to uncomfortably press and rub the heel of the foot of the wearer, and by use of the tongue 16 as employed in this improved form of neverslip this commonly known defect is effectually overcome by the tongue covering the edges of the heel seam.

In the foregoing description I have embodied the preferred form of my invention, but I do not wish to be understood as limiting myself thereto, as I am aware that modifications may be made therein without departing from the principle or sacrificing any of the advantages of this invention, therefore, I reserve to myself the right to make such changes as fairly fall within the scope thereof.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

1. The combination with a low shoe, of a neverslip device comprising a strip-like body part of roughened relatively thin flexible material tapered divergingly downward relative to the line of its vertical center and having serrations on its lower end, the body part adhesively secured on the inner face of the central portion of the heel of the shoe and curved to conform with the heel portion, said body part being of such a length that its upper end terminates in spaced relation to the upper extremity of the heel and its serrated end overlaps the inner face of the sole of the shoe, integral roughened wing members disposed in opposite directions from the upper end of the body part and adhesively secured to the heel of the shoe, said wing members having arcurate lower edges for engaging the upper part of the heel of the foot of the wearer, and an integral roughened extension on the upper end of the body part above the wing members also adhesively secured to the heel of the shoe for engaging the part of the foot of the wearer above the heel proper.

2. For use in a shoe, a blank for a neverslip device of roughened relatively thin leather, comprising a tapered strip-like body part having a serrated lower end for being fixed on the inner face of the lower part of the central portion over the seam of the heel of the shoe, said body part having on its upper end oppositely disposed curved lateral extensions and the body part also having extending from its upper end an upwardly protruding tongue member to be fixed on the inner face of the upper part of the central portion over the seam of the heel of the shoe.

3. As an article of manufacture, a neverslip device of relatively thin leather having an anti-friction member extending upwardly from a body part and above two antislip members protruding from the body part in opposite lateral directions, said members adapted to be fixed within a shoe to cover the lower part of the heel seam with an anti-friction member covering the other part of the heel seam to its upper extremity and with the anti-slip members fixed upon the inner face of the heel part of the shoe between its lower and upper extremities.

This specification signed this 29th day of January A. D. 1925.

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