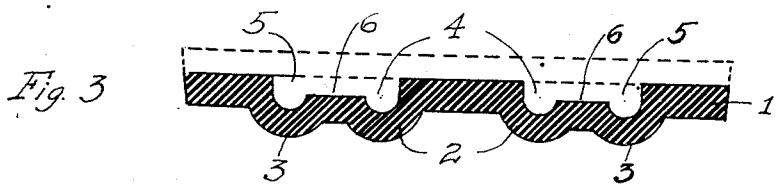
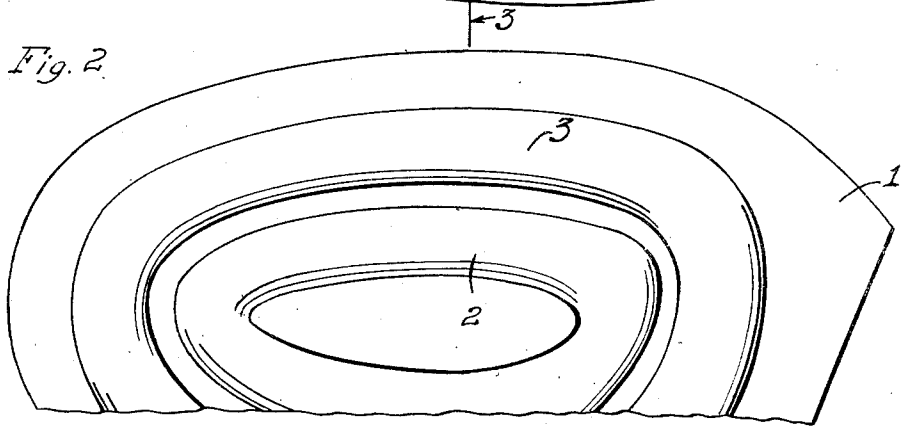
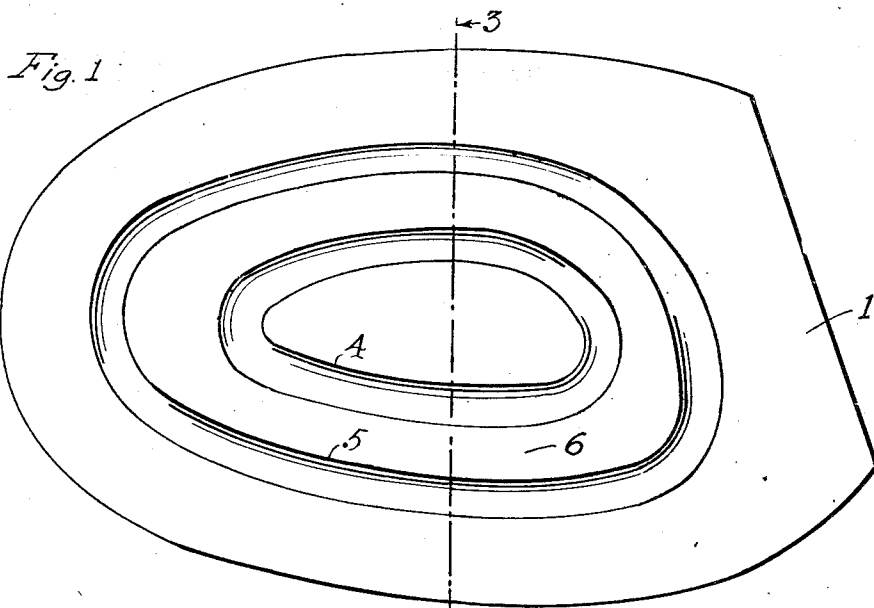


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U. URBANY
FOOTWEAR SOLE

2,365,027

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FOOTWEAR SOLE

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4 Claims. (Cl. 36—29)

My invention relates to a footwear sole and the objects of my invention are:

First, to provide a footwear sole that can be worn on a floor or surface that is wet without the feet of the wearer becoming wet;

Second, to provide a sole for footwear of this class which will not slip or slide on wet or slippery floors;

Third, to provide a sole of this class that has sufficient cushion so that the feet do not tire when standing on cement or other like hard surfaced floors;

Fourth, to provide a sole of this class which may be readily applied and secured to the conventional footwear now in use;

Fifth, to provide a footwear sole of this class which may be used for replacing or may be readily replaced with other similar soles; and

Sixth, to provide a footwear sole of this class which is very simple and economical to make, easy to place on the footwear of conventional type now in use or on newly manufactured footwear.

With these and other objects in view as will appear hereinafter, my invention consists of certain novel features of construction, combination and arrangement of parts and portions as will be hereinafter described in detail and particularly set forth in the appended claims, reference being had to the accompanying drawing and to the characters of reference thereon which form a part of this application in which:

Figure 1 is a top view of my footwear sole; Fig. 2 is a bottom view of a fragmentary portion thereof and Fig. 3 is a sectional view taken from the line 3—3 of Fig. 1.

Similar characters of reference refer to similar parts and portions throughout the several views of the drawing.

My footwear sole includes a sole member composed of rubber or similar resilient water-proof substance shaped in outline to substantially fit the sole portion of the footwear, as shown best in Fig. 1 of the drawing.

It is provided on its normally lower side, when positioned on the footwear, with a plurality of substantially semi-circular rib portions 2 and 3 which are preferably continuous and circuitous, the portion 2 being within the portion 3, as shown best in Figs. 1 and 3 of the drawing. These portions 2 and 3 are placed on the lower surface and form the tread surface of the sole member 1.

Positioned on the opposite side of this member 1 directly opposite the portions 2 and 3 are conforming continuous circuitous grooves 4 and 5

which are considerably narrower than the rib portions 2 and 3 so that the material of the sole is substantially the same thickness throughout including the rib portions and groove portions.

5 It will be here noted that the space between the grooves 4 and 5 is offset downwardly some distance below the general upper surface of the sole, as shown at 6 and the outer side of the sole in the space between the ridges 2 and 3 are conformingly lowered to the lower main surface of the sole, all as shown best in Fig. 3 of the drawing, thus providing a considerably wide space in the upper portion of the sole including the grooves 4 and 5 and the space therebetween. This member 1 is secured to the sole of the conventional sole by dash line in Fig. 3 of the drawing by sewing, and if desired may be sewed between the outer edges of the member 1 and the member 3, and also may be sewed between the members 2. 20 This leaves a relatively wide space between the grooves 4 and 5 and including said grooves which are deeper than the space between the same which permits the ready resiliency of the outer members 2 and 3, thus providing for a substantial cushion for the sole of the footwear of non-skid construction and of sufficient height to raise the main sole 41 above the lower surface some distance.

25 Though I have shown and described a particular construction, combination and arrangement of parts and portions, I do not wish to be limited to this particular construction, combination and arrangement but desire to include in the scope of my invention the construction, combination and arrangement substantially as set forth in the appended claims.

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

40 1. A footwear sole consisting of a flat resilient sole member provided with a substantially semi-circular in cross section endless hollow rib centrally on the lower thread side of said sole member integral therewith, another similar rib spaced therefrom and surrounding the first mentioned rib, a base between the hollow portion of said ribs on the upper side of said sole offset downwardly from the main upper surface of said sole.

45 2. A footwear sole consisting of a flat resilient sole member provided with a substantially semi-circular in cross section endless hollow rib centrally on the lower thread side of said sole member integral therewith, another similar rib spaced therefrom and surrounding the first mentioned 50 rib, a base between the hollow portion of said ribs

on the upper side of said sole offset downwardly from the main upper surface of said sole, and space between said ribs on the tread surface of said sole being set downwardly conforming to the offset in the upper side of said sole.

3. In a footwear sole, a substantially flat, resilient sole member provided with a plurality of substantially semi-circular in cross section ribs on the tread side of said sole member integral therewith, conforming positioned grooves on the opposite side of said sole member extending into said ribs, both said ribs and said grooves being continuous endless circuitous spaced portions, the groove within the rib, the space between the grooves on the upper side of said sole being offset downwardly from the level of the main portion of the upper surface of said sole.

4. In a footwear sole, a substantially flat, resilient sole member provided with a plurality of substantially semi-circular in cross section ribs on the tread side of said sole member integral therewith, conforming positioned grooves on the opposite side of said sole member extending into said ribs, both said ribs and said grooves being continuous endless circuitous spaced portions, the groove within the rib, the space between the grooves on the upper side of said sole being offset downwardly from the level of the main portion of the upper surface of said sole, and the space between the grooves on the lower tread surface of said sole being offset downwardly in conforming relation.

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