July 24, 1956 R. L. RUDINE 2,755,567

HOLLOW PLASTIC CLOGS

Filed June 15, 1955

Fig. 1.

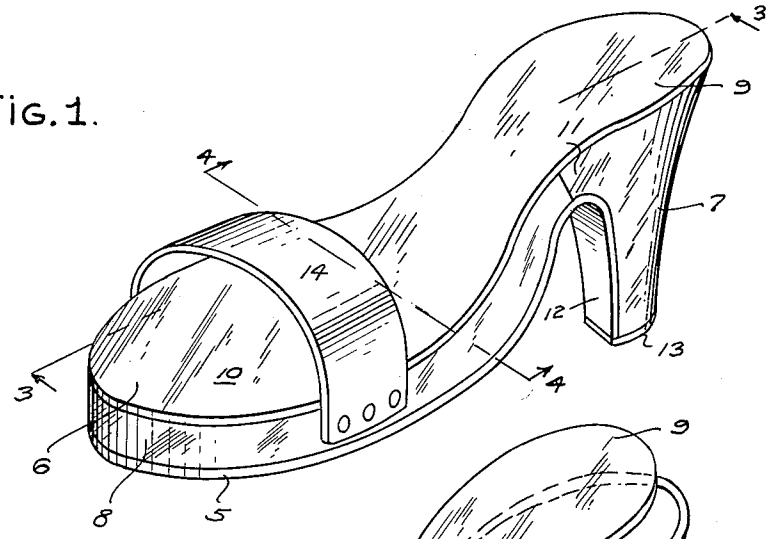


Fig. 2.

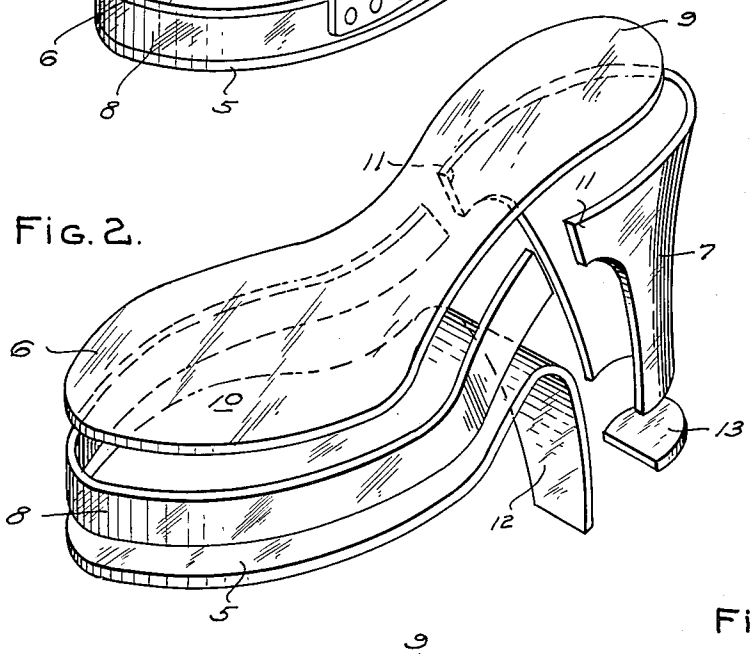
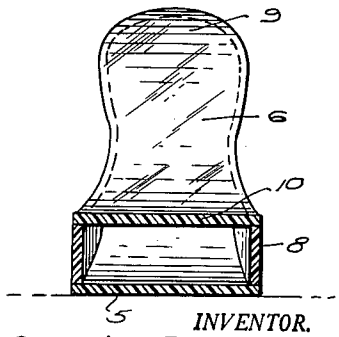


Fig. 4.



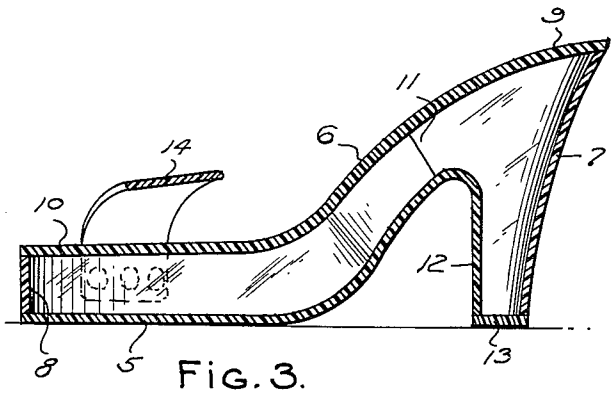


Fig. 3.

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HOLLOW PLASTIC CLOGS

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1 Claim. (Cl. 36—11.5)

This invention relates to improvements in footwear and has particular reference to a hollow transparent type of footwear commonly known as clogs.

The invention has for its prime purpose a clog that is formed of a plurality of preshaped mating sections of plastic that are assembled in a novel manner whereby to form a clog having spaced apart outsole and insole and a hollow heel, and with the heel and the space between the insole and outsole being communicating whereby to form a completely hollow clog for the reception of various ornamental decorations, such as artificial flowers or the like that are permanently encased within the clog to be visible through the transparent walls of the device.

Other objects and advantages of the invention will be more clearly apparent during the course of the following description, reference being had to the accompanying drawings, wherein has been illustrated a preferred form of the device and wherein like characters of reference are employed to denote like parts throughout the several figures.

In the drawings:

Figure 1 is a perspective view of a clog constructed in accordance with the invention,

Figure 2 is an exploded perspective view of the several parts comprising the clog structure,

Figure 3 is a vertical longitudinal section, taken substantially on line 3—3 of Figure 1 and,

Figure 4 is a vertical transverse section, taken substantially on line 4—4 of Figure 1.

Referring specifically to the drawings, the numeral 5 designates an outer sole and 6 an inner sole, preferably formed of plastic, although not necessarily restricted to any specific material. The numeral 7 designates a heel member and 8 designates a circumferential spacing web whereby the soles 5 and 6 are spaced apart a predetermined distance.

As will be clearly apparent, the several parts 5, 6, 7 and 8 are preformed by any suitable and well known die means whereby they are contoured in accordance with the conventional shapes of footwear. The inner sole 6 extends for the full length of the clog and embodies a heel and sole portions 9 and 10, integrally formed and molded in the desired curvature for the full support of the foot of the user. The heel 7 is molded in a generally U-shape to be fully open at top and bottom and in the front, and the upper end is arcurately formed to conform in shape to the heel section 9, while the body portion tapers downwardly to a lift end. The terminal ends of the upper arcuate portion of the heel terminate in tongue portions 11 and with the tongue portions and marginal edges of the heel being free.

The spacer web 8 has a predetermined height and is molded to conform to the shape of the inner sole 10 and in practice underlies the inner sole for its major length. The terminal ends of the web 8 terminate at and have a mating engagement with the free ends of the tongues 11 at assembly. The outer sole 5 is molded and shaped to conform

with the area of the inner sole portion 10 and underlies and conforms to the lower marginal edge of the web 8. The outer sole 5, at its rear extremity is bent downwardly and shaped to conform to the forward marginal edges of the heel 7, as at 12 and overlies the marginal edges at assembly. A closure heel lift 13 is co-extensive with the lower marginal edges of the portion 12 and the lower end of the heel 7 at assembly. The several parts so far described, are preferably formed of a transparent plastic material.

At assembly, the sole 5, the web 8 and the heel 7 are arranged in a suitable form or jig, whereby the sole 5 is disposed in conforming underlying relation to the web 8 and with the open side of the heel 7 conforming to the portion 12. In this position, the upper marginal edges of the web 8 and the upper marginal edges of the heel 7 produce a continuous and uninterrupted free edge throughout the circumference of the clog. The positioning of the parts 5, 7 and 8 having been accurately determined, the web 8 and heel 7 are removed and a suitable cement or solvent applied to their lower and forward marginal edges respectively and then engaged with the sole 5. Suitable pressure may then be applied to the upper marginal edges of the web 8 and the upper marginal edge of the heel 7, causing the parts 5, 8 and 7 to become permanently united against displacement under all normal stresses that might be imparted thereto in use.

Since the clog is adapted to be ornamented within, a suitable arrangement of artificial flowers or other decorative elements are disposed within the hollow of the clog, including the hollow heel, and cemented or otherwise fixed against shifting. The upper marginal edges of the web 8 and the heel 7 are then coated with a suitable cement or solvent and the inner sole 6 then engaged thereover and pressed to sealing engagement therewith, thus effectively sealing the interior of the clog against the entry of foreign matter. The cement or solvent thus permanently unites the parts against separation throughout the life of the clog. Since the several parts are transparent, the decorative inserts will be clearly visible from all sides, the top and the bottom. It will be clearly apparent, that the decorative inserts may be omitted and the enclosing structure etched in various designs and color combinations and establishing substantially the same decorative appearance. While the clog is preferably assembled through the medium of the cement or solvent, it will be obviously within the scope of the invention to assemble the parts with other suitable means, such as rivets, pins or the like and with the rivets or pins preferably being of a color that will readily blend with the plastic.

To retain the clog upon the foot of the user, a suitable flexible strap 14 is employed and this strap may be formed of plastic or other materials and in various designs. The opposite ends of the strap are attached to the opposite sides of the web 8 in any desirable manner, such for instance as inserting hot rivets that will automatically anchor the strap against displacement.

It will be apparent from the foregoing, that a very novel and ornamental footwear has been provided. The device readily lends itself to simplified manufacture at a relatively low cost and from materials that are easily and cheaply formed and have a relatively high wearing quality. The device is most ornamental throughout and the assembly permits of a quick and convenient arrangement of an interior display.

It is to be understood, that the invention is not limited to the precise arrangement shown, but that changes are contemplated as readily fall within the spirit of the invention, as shall be determined by the scope of the subjoined claim.

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

A shoe construction in the form of a hollow clog that comprises a plurality of sections shaped from transparent sheets of plastic material, comprising an inner sole section, an outer sole section, a heel section and a spacer web whereby to space the inner sole and outer sole from each other throughout the major length of the clog, the inner sole being shaped both transversely and longitudinally in conformity with a foot contour, the outer sole being shaped substantially to conform in shape and to the major size of the inner sole, the outer sole at its rear portion being curved and downwardly bent to form a tongue, the said heel section being of a generally U-shape in horizontal cross-section and open at its forward side, top and bottom, the upper marginal edge of the heel section being curved to conform in mating relation to the underside of the heel portion of the inner sole, the heel section at its upper extremity being provided with forwardly projecting tongues, the said spacer web being shaped to conform to the marginal contour of the inner and outer soles and having terminal ends that are shaped to have mating engagement with the terminal ends of the projecting tongues, a heel lift for the open lower end of the heel section, the several sections being united together with the spacer web supporting the soles in spaced apart

relation and with the terminal ends of the spacer web being united with the terminal ends of the projecting tongues, the said tongue of the outer sole conforming to and uniting with and closing the open forward part of the heel section, the said heel lift overlying the open lower end of the heel section so that its upper face is flush therewith and flush with the lower terminal end of the closure tongue, whereby said parts form a clog that is entirely hollow throughout and permit of the assembly therein of ornamental articles, the several sections all being permanently cemented together, and a toe strap that extends across the forward part of the clog and is connected to the spacer web.

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