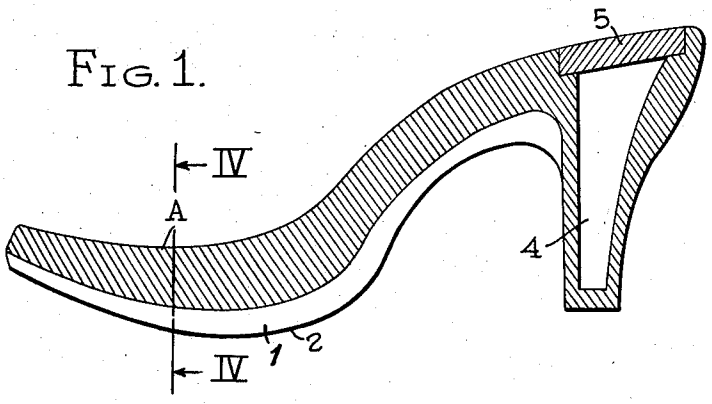
May 26, 1959 G. MASERA 2,887,794

SHOE MADE OF THERMO-PLASTIC OR THERMO-SETTING MATERIAL OR THE LIKE

Filed Feb. 6, 1956

FIG. 1.



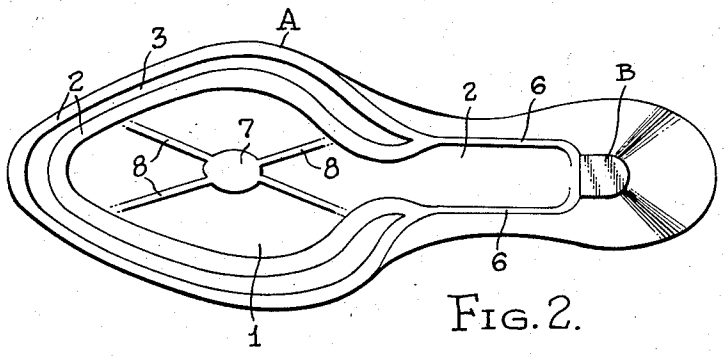


FIG. 2.

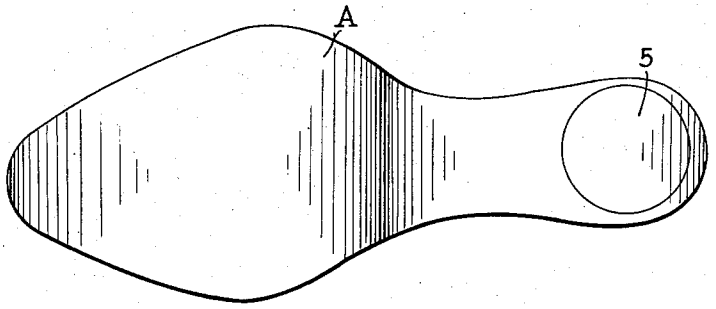
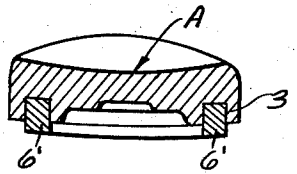


FIG. 3.

FIG. 4.



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United States Patent Office 2,887,794 Patented May 26, 1959

2,887,794

SHOE MADE OF THERMO-PLASTIC OR THERMO-SETTING MATERIAL OR THE LIKE

Giovanni Masera, Piacenza, Italy

Application February 6, 1956, Serial No. 563,756

Claims priority, application Italy February 7, 1955

2 Claims. (Cl. 36—25)

This invention relates to a shoe made at least in part from a thermo-setting or thermo-plastic material or the like.

An object of the present invention is to provide a novel shoe for men and women which is lighter, more resistant, and more durable than ordinary shoes.

The objects of the present invention may be realized through the provision of a shoe wherein the sole and the heel constitute a single member, so that the heel is integral with the sole, the member consisting of a thermo-plastic or thermo-setting material or the like, and having upon its bottom surface a central depression enclosed by ribs forming a channel and constituting the ground engaging portion of the shoe.

The invention will appear more clearly from the following description when taken in connection with the accompanying drawing, showing by way of example only a preferred embodiment of the inventive idea.

In the drawing:

Figure 1 is a central section through a shoe and illustrates the sole and the heel constituting the subject of the present invention.

Figure 2 is a bottom view of the article shown in Fig. 1.

Fig. 3 is a top view of the article shown in Fig. 1.

Figure 4 is a section along the line IV—IV of Fig. 1.

The shoe shown in the drawing has a sole A and a heel B which is integral with the sole A, so that the sole and the heel constitute a single member made of a thermo-plastic material.

The bottom surface of the sole A has a central depression 1. Border ribs 2 enclose the central depression 1 and converge substantially at the ball line to form two integral shank ribs 6, which extend through the shank portion of the sole. The ribs 2 form a continuous channel 3 located in the ball portion of the sole. A

resilient member 6' may be inserted into the channel 3 so as to form the ground engaging portion of the shoe. This will make the use of the shoe more comfortable and will reduce wear upon the sole.

As shown in Fig. 2, the central depression 1 is provided with a central projection 7 and cross-ribs 8, located within the depression 1 and merging into the central projection 7. The cross-ribs 8 extend toward the parallel border ribs 2.

The heel B has a hollow interior 4 so as to make it lighter. The interior 4 of the heel B may be closed by a plate 5 which may be made of the same material as the member A, B. The described shoe has a greater resistance than ordinary shoes, and it is noiseless and more comfortable in use. The shoe can be made of any color or shape or of a transparent material or the like.

While the drawing illustrates a women's shoe, it is apparent that the same structure can be used for men's shoes and that changes may be made in the illustrated construction within the scope of the appended claims.

I claim:

1. A shoe having a sole and a heel integral therewith, said sole and said heel consisting of a thermoplastic material, said sole having upon its bottom surface a central depression within the ball portion of the sole, continuous projecting parallel border ribs forming a channel therebetween and enclosing said central depression, said parallel border ribs converging substantially at the ball line to form two integral shank ribs extending through the shank portion of the sole, a central projection within said depression, and cross ribs within said depression merging into said central projection and extending toward said parallel border ribs.

2. A shoe in accordance with claim 1, having a resilient insert in said channel.

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