

H. P. COLE.
FOOTWEAR.
APPLICATION FILED MAY 27, 1908.

1,054,278.

Patented Feb. 25, 1913.

Fig. 1

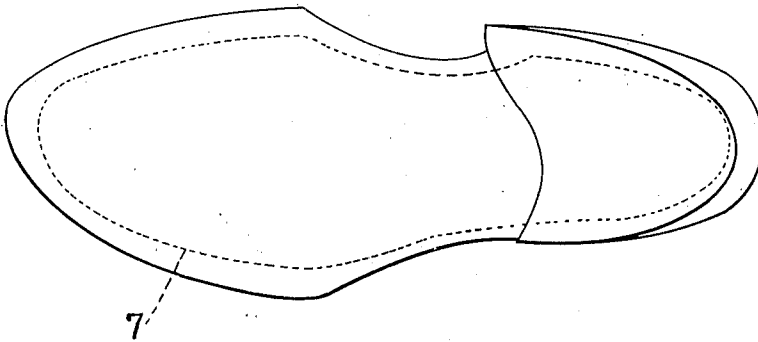


Fig. 2

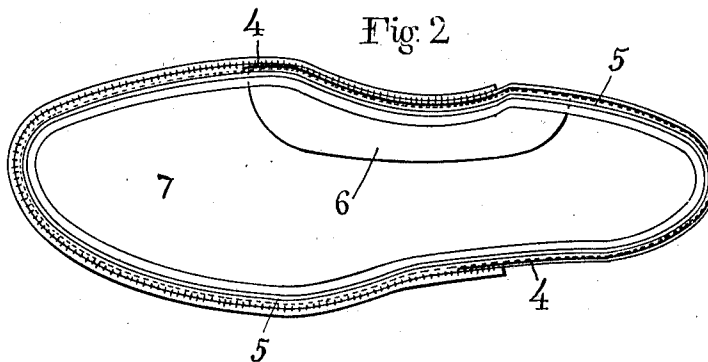
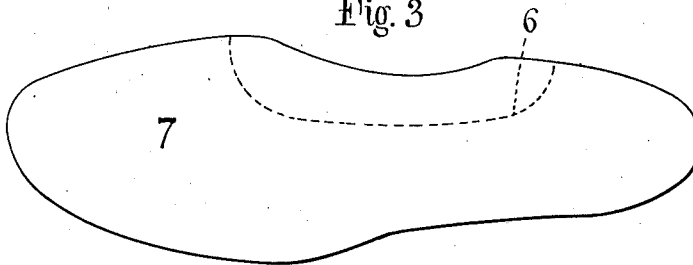


Fig. 3



Witnesses
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UNITED STATES PATENT OFFICE.

HARLAN P. COLE, OF NEW YORK, N. Y., ASSIGNOR TO THE ANATOMIK FOOTWEAR CO.,
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FOOTWEAR.

1,054,278.

Specification of Letters Patent.

Patented Feb. 25, 1913.

Application filed May 27, 1908. Serial No. 435,346.

To all whom it may concern:

Be it known that I, HARLAN P. COLE, a citizen of the United States, residing in the borough of Manhattan, in the county of New York and State of New York, have invented certain new and useful Improvements in Footwear, of which the following is a specification, reference being had therein to the accompanying drawing.

My invention relates to the construction of anatomical footwear.

More particularly it has reference to a new method whereby footwear may be provided with a forward lateral extension rearwardly of the center of the footwear, which extension is substantially reinforced in the course of manufacture. To this end my invention is more particularly set forth in the accompanying drawings in which—

Figure 1 is a bottom view of the shoe complete showing in dotted outline the position of the insole. Fig. 2 a plan view of a shoe in the course of manufacturing mounted upon a last showing the insole attached to said last with the inner and outer coverings and other parts assembled including the reinforcing shank, and Fig. 3 represents a plan view of an insole cut according to the lines of the invention with the reinforcing shank in dotted outline.

In the construction of footwear heretofore, owing to the inarticulate contour of the tread or bearing surface of the last the application of the insole to the same for the construction of footwear has not been attended with sufficient exactness and accuracy. According to my invention the last employed is preferably designed with a clearly defined peripheral contour on a bearing surface with a forward lateral extension rearwardly of the center to conform with the insole shown in Fig. 1. This last is particularly set forth in my companion application Serial No. 435,345, filed May 27, 1908.

In the manufacture of the footwear the insole is laid truly upon the last and fastened thereto, after which the counter 4 is inserted in the upper in the position shown in Fig. 2 and the upper 5 is attached in the usual manner by stitching the upper, the

welt and the inner sole together. After this instead of placing the steel shank or reinforcement in the longitudinal center of the arch as usual, the steel shank 6 cut as shown in Fig. 2 and as shown in dotted outline in Fig. 3 is placed upon the insole 7 close up to the inner edge with which it is cut to conform, thereby reinforcing and strengthening the forward lateral extension hereinbefore referred to. After the outer sole is applied the heel is cut about as shown in Fig. 1 in which it will be observed that the cross sectional area of the treading surface of the heel is greater than the cross sectional area of the surface of the heel of the insole. The rear of the upper is so designed and reinforced by the counter 4 that it is tapered producing a conical effect adapted to fit snugly to the sides of the heel of the foot thereby preventing lateral shifting.

The advantages of my invention result in shaping and reinforcing the treading surface of the footwear in a line with the line of gravity of the leg and foot and extending the counter a greater distance along the inside of the footwear as shown in Fig. 2 so to reduce the liability to twist to a minimum.

I claim:

1. Footwear having a sole extended laterally on the inside where the shank portion joins the heel portion to form a sharp angular projection beyond the outline of the ordinary sole, and a heel having a lateral angular projection corresponding to and located opposite the lateral angular projection of the sole.

2. Footwear having a sole and an insole, each of which is extended laterally on the inside where the shank portion joins the heel portion to form a sharp angular projection beyond the outline of the ordinary sole, a heel having a lateral angular projection corresponding to and located opposite the lateral angular projection of the sole, and an upper secured between said sole and said insole and forming the internal enlargement above said angular projections.

3. Footwear having a sole and an insole, each of which is extended laterally on the inside where the shank portion joins the heel portion to form a sharp angular pro-

jection beyond the outline of the ordinary sole, a heel having a lateral angular projection corresponding to and located opposite the lateral angular projection of the sole, an
5 upper secured between said sole and said insole and forming the internal enlargement above said angular projections, and a support between said sole and said insole lo-

cated at and conforming to said angular projections.

In testimony whereof I affix my signature 10
in presence of two witnesses.

HARLAN P. COLE.

Witnesses:

LOUISE ENDERLE,
THOMAS A. HILL.