

W. C. JANSEN.  
SHOE.  
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1,208,160.

Patented Dec. 12, 1916.

Fig. 1

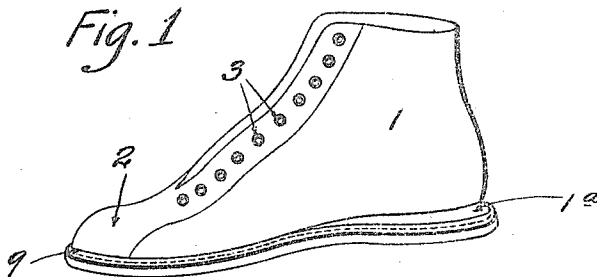


Fig. 2

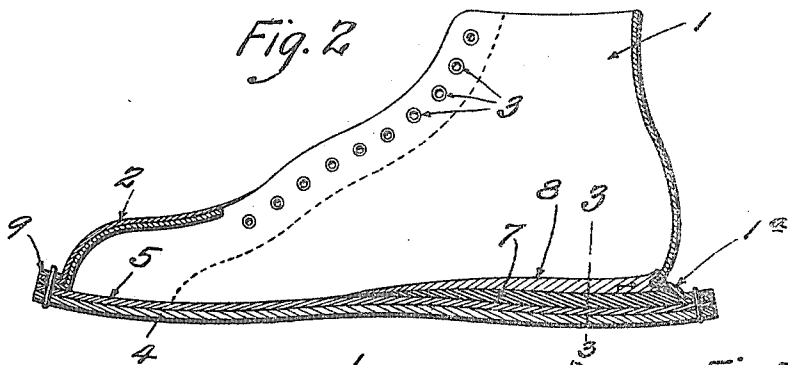


Fig. 4

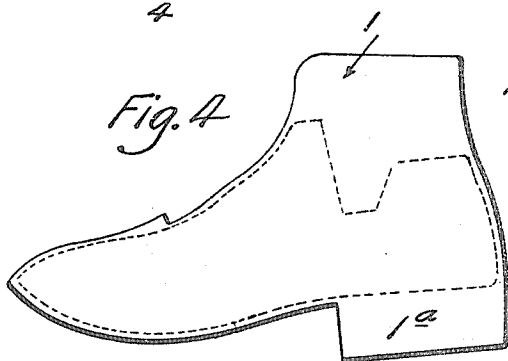


Fig. 3

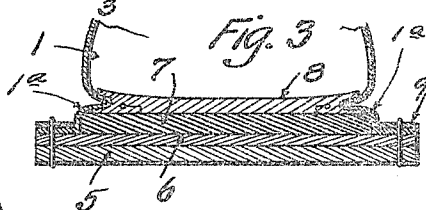


Fig. 6

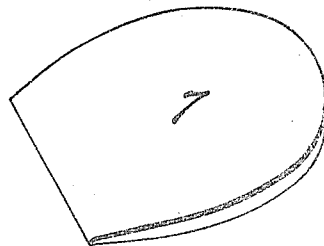
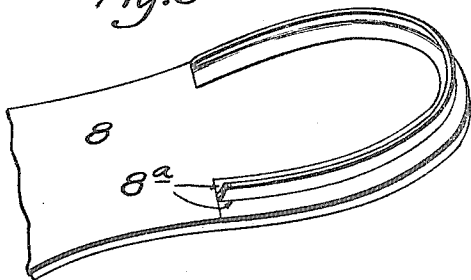


Fig. 5



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# UNITED STATES PATENT OFFICE.

WALTER C. JANSEN, OF LOUISIANA, MISSOURI, ASSIGNOR OF ONE-HALF TO CRADDOCK-TERRY COMPANY, OF LYNCHBURG, VIRGINIA, A CORPORATION OF VIRGINIA.

SHOE.

1,208,160.

Specification of Letters Patent.

Patented Dec. 12, 1916.

Application filed April 29, 1916. Serial No. 94,302.

To all whom it may concern:

Be it known that I, WALTER C. JANSEN, a citizen of the United States, residing at the town of Louisiana, county of Pike, and State of Missouri, have invented a certain new and useful Improvement in Shoes, of which the following is a full, clear, and exact description, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a perspective view of my improved shoe. Fig. 2 is a vertical longitudinal sectional view through the same. Fig. 3 is a cross sectional view on line 3—3 of Fig. 2. Fig. 4 is a detail view of the quarter showing the heel extension. Fig. 5 is a detail view of the inside shank, and Fig. 6 is a detail view of the heel.

This invention relates to a new and useful improvement in shoes, being designed especially for use by athletes.

Athletic shoes, as they are commonly called, as now usually made have low outside heels to give the proper elevation and maintain the elasticity of the shoe. This outside heel frequently causes discomfort in wearing, inasmuch as it impedes progress in running and is liable to cause strain. Also in such sports as bowling where the wearer runs and slides before delivering the ball, the heel is liable to be caught in a crevice or crack in the flooring.

The object of my present invention is to arrange the heel inside of the shoe so as to give the necessary rise at this point of the foot, provide the essential elasticity in the shoe, and avoid the objections of an outside heel.

In the drawings, 1 indicates the quarter which as shown in Fig. 4 has a heel extension or flap 1<sup>a</sup>.

Numeral 2 indicates the toe and vamp combined which preferably extends up to form reinforcing strips for the lacing eyelets 3; 4 is the outer sole preferably of leather; 5 is the insole which is of leather; and 7 is the heel which may be of rubber and whose marginal edges at the back and sides preferably do not extend to the edges of the sole.

8 indicates the inside shank which, on its underside, as shown in Figs. 2, 3, and 5, is channeled as at 8<sup>a</sup> to permit the inseaming of the upper thereto, as shown in Figs. 2 and 3.

9 is a finishing strip or welt arranged entirely around the edge of the sole for holding the edge of the upper to the sole and providing a seat for the stitches.

The upper being made, the quarters having the heel extensions as shown, are placed upon a last, after which the inside shank is arranged in position. The heel seat is made by inseaming the upper through the channel on the lower face of the inside shank. The heel, of rubber or other material, is next placed in position and held by cementing or tacking until the upper is stapled to the insole. The sole is then cemented to the insole, and stitched with a Goodyear stitcher which carries a welt similar to the regular stitch-down.

By reference to Figs. 2 and 3, it will be seen that the inside shank is narrower than the heel; that the heel extensions 1<sup>a</sup> on the quarters provide a heel seat, and entirely cover and protect the side and back edges of the heel, and that the soles extending beyond the heel at the sides and back provide a broad bearing surface.

Having thus described my invention, what I desire to secure by Letters Patent is set forth in the following claim.

I claim:

A shoe comprising quarters having heel extensions, an inside shank to the under side of which said quarters are attached above the line of said extensions, said shank terminating approximately at the ball of the shoe, an inside heel arranged under said inside shank and within the heel extensions on the quarters, and a sole to which said heel extensions are secured.

In testimony whereof I hereunto affix my signature in the presence of two witnesses, this 25 day of April, 1916.

WALTER C. JANSEN.

Witnesses:

A. J. KAEMMERER,  
DEAN DRENNAN.