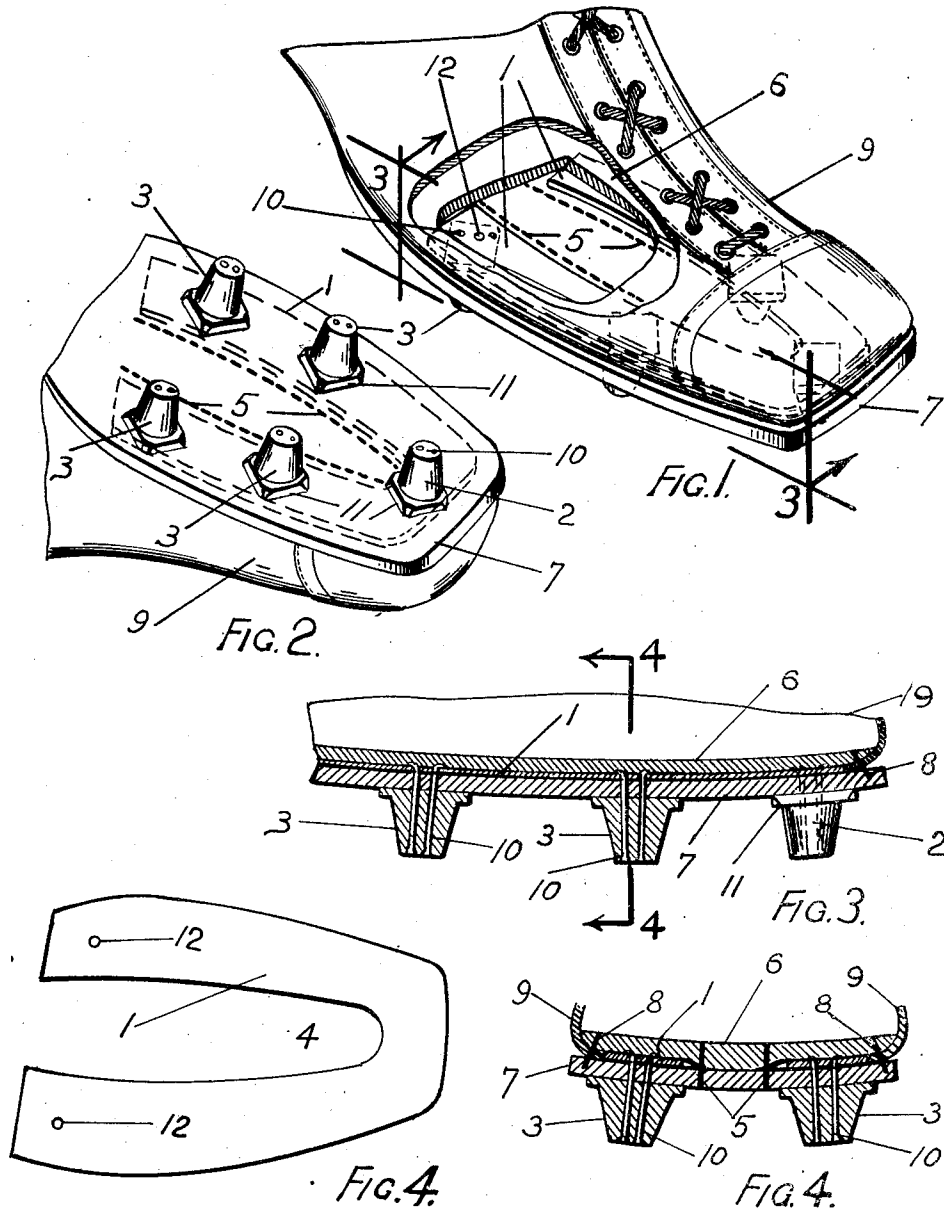


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SPORT BOOT AND SHOE

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SPORT BOOT AND SHOE.

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This invention relates to boots and shoes such as are worn by footballers and other sportsmen and are generally known as sports goods. Such boots and shoes usually have a double sole consisting of outer and inner soles which are stitched around their edges to the uppers, and which are also reinforced by being longitudinally sewn together by two lines of stitching situated somewhat medially in their fore part. Studs or sprigs are also usually nailed or otherwise affixed at various intervals around the edge of the double sole. In sports boots and shoes at present known the double sole is liable to warp or become otherwise misshapen during usage owing to the comparatively heavier pressure on the studs or sprigs, and in use the said sole becomes misshapen and assumes a very humpy surface to the discomfort and pain of the wearer, and the misshapen sole causes or compels a comparatively early discard of the boots or shoes.

This present invention has been specially devised to provide cheap and simple improvements of sports boots and shoes whereby the warping, corrugating, ridging, or other misshape of the surface of the sole thereof will be prevented, and whereby increased usefulness and extended life of the boot or shoe will be obtained together with comfort to the wearer throughout. Further, water or dampness cannot obtain access to the inner sole of the boot or shoe around the sprigs or studs and the attachment of the latter to the boot is made more effective and secure.

Referring to the accompanying drawings in which the invention is illustrated in reference to a sports boot, Fig. 1 is a broken view of a sports boot partly in section; Fig. 2 a broken view of a sports boot showing the sole thereof turned upwardly; Fig. 3 a longitudinal section on plane 3—3, Fig. 1; Fig. 4 a section on plane 4—4, Fig. 3; and Fig. 5 a view of a thin metal stiffening plate.

The sports boot is provided with a metal stiffening plate or liner 1 of aluminium or other sheet metal preferably of light but strong quality which is shaped to the contour of the sole from about the waist forwardly

but of slightly less area; such plate may have a portion cut away therefrom whereby it is provided with a longitudinal medial slot 4 extending forwardly of its rear to near the boot toe, but leaving sufficient metal at the boot toe to provide ample base support under the middle toe stud or sprig 2 and at the sides for the side series of studs 3. This slot 4 is so made that the medial longitudinal rows of stitching 5 for sewing the inner sole 6 and the outer sole 7 together can be achieved and repeated again if necessary. Said stiffening plate or liner 1 is positioned between the inner sole 6 and the outer sole 7 before both said soles are stitched together by the stitching 5 and before the stitching 8 is effected whereby both soles 6 and 7 are secured to the upper 9 of the boot.

Said sewing firmly holds the stiffening plate 1 in place between the inner sole 6 and the outer sole 7. The studs or sprigs 2 and 3 are fixed to extend outwardly of the outer sole 7 at required intervals and over the limbs and toe of the stiffening plate 1 preferably by nails 10 or the like which are driven through the sprigs 2 and 3, the outer sole 7, and the plate 1 and just into the inner sole 6, and they are thus securely fastened onto the compounded sole consisting of the soles 6 and 7.

Any suitable type of sprigs or studs 2 and 3 may be utilized; in the drawings the sprigs 2 and 3 are shown with truncated cone portions with base 11 adapted to seat against the outer face of the outer sole 7 when said sprigs are set onto a boot. If required the plate 1 may be furnished at its rear with openings 12 whereby it may be secured by nails or the like to the outer sole 7. In securing the plate 1 between the soles 6 and 7 its outer edge may rest against the inner edges of the upper 9.

Though the invention has been described and illustrated with reference to a sports boot it is to be understood that it is equally applicable to a sports shoe. The word sports "boot" where used herein or in the appended claim is to be understood to also refer to a sports "shoe".

What I claim as my invention and desire to secure by Letters Patent is:—

A sport shoe comprising inner and outer soles, a reinforcing thin U-shaped penetrable metal plate interposed between said soles, a U-shaped reinforcing row of stitching in said soles and disposed closely adjacent the inner contour of the plate studs carried by

the plate and projecting from the outer sole, and nails for attaching the said studs to the plate, the said nails being driven thru the studs, the outer sole and plate turned over within the inner sole whereby they are prevented from repassing thru said plate. 10

In testimony whereof I affix my signature.

KEITH SALAMON NETTHEIM.