Nov. 16, 1937. B. F. NORCROSS 2,099,138

SHOE

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Fig. 1.

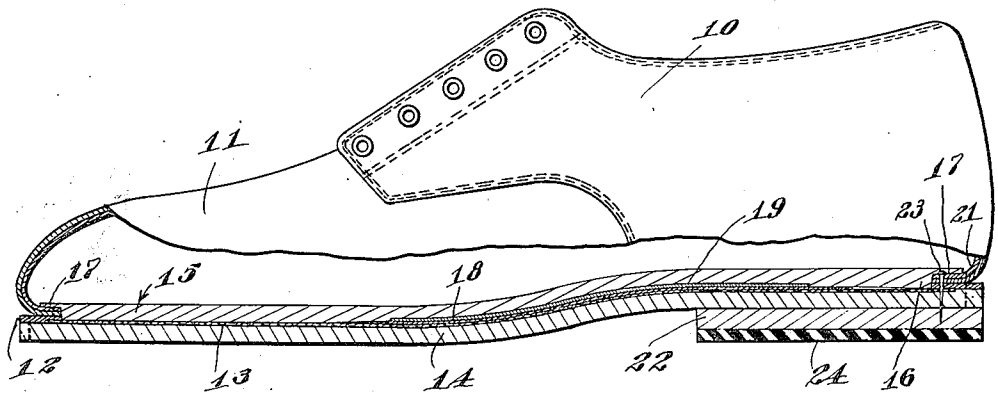
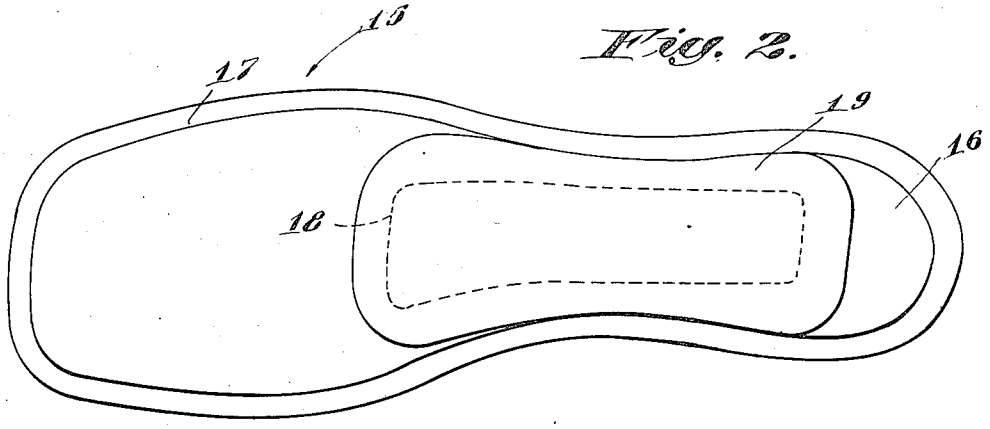


Fig. 2.



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SHOE

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1 Claim. (Cl. 36—17)

My present invention relates to shoes and more particularly to an improved shoe having certain simplified construction features.

It has been customary to secure an inner sole member on a last and then build up the rest of the shoe assembly of upper, welt, stay member, and outer sole thereon.

In my improved shoe, the upper complete with lining and counter is stitched to a welt member after which this assembly is placed upon a last. The upper with welt attached is now held firmly on the last and the edges of the upper with the welt attached are wiped into position and held while a linen stay member is placed over the last and the inner surface of the attached welt. An outer sole is now tacked in place over the stay member and stitched to the welt. The heel is now attached by means of nails, the nails being inserted from the inside through the counter and welt and down through the outer sole and leather lift comprising a part of the heel. A removable inner sole is inserted to complete the shoe, the details of which will be described further along in the specification.

The principal object of my invention is to provide an improved shoe.

Another object is to provide a shoe having a rabbeted inner sole member.

Still another object is to provide a sole construction which does not require the mounting of the inner sole member on the shoe last and which is provided with a sole stitching associated with a counter along the heel portion of the shoe.

Other objects and novel features comprising the construction and operation of my invention will appear as the description of the same progresses.

In the drawing illustrating the preferred embodiment of my invention

Fig. 1 is a partial cross section taken longitudinally of my completed shoe and particularly showing the rabbeted inner sole member in association with the rest of the sole assembly.

Fig. 2 is a plan view of the under side of the said inner sole member and further showing a metal arch supporting member incorporated therein.

Referring more in detail to the drawing, 10 indicates generally a completed shoe comprising a complete upper 11 including the counter 21. To the upper 11 and through the counter 21 I have stitched a welt member 12. After the welt 12 is attached the welted upper is placed upon a last and the welted edge of the upper is wiped into position ready to attach the outer sole 14. Before I attach said outer sole I place a linen stay member over the last, the edges of which overlap the exposed surface of the welt 12, as indicated in Fig. 1, in which the last has been removed. The outer sole 14 is now tacked to the last and stitched to the welt 12.

Nails 23 are driven from the inside through the counter 21, the welted edges of the upper, the welt, and into the lift member 22. If desired the nails 23 may be driven through the lift member and clinched. A rubber lift 24 is now cemented to the lift 22.

15 indicates an inner sole member better shown in Fig. 2 the marginal portion of its bottom face having been recessed or rabbeted to form an inner thicker portion 16 and an outer thinner edge 17. Fig. 1 shows the inner sole member 15 positioned in the shoe where the edge 17 overlaps the turned under edges of the upper 11 and the thicker portion 16 extends downward upon the linen stay member 13 taking the place of a filler and abutting the edges of the upper and welt member 12 all the way around their inner peripheries. The inner sole 15 thus applied to the sole assembly achieves all the results of an inner sole mounted on a last member and has the further advantage that it may be removed and replaced by a new one whenever desired.

There has also been provided in the inner sole 15 a metal arch supporting member 18 which is received in a recess in the underside of the inner sole and maintained therein by means of a flap 19. The arch support as shown is intended to be illustrative of several modes of incorporating arch support members with the inner sole member constructed in this manner. The member 18 which I have designated as an arch support may be changed from time to time together with the inner sole 19 to suit the individual who wears the shoe. This arch support is not designed for the purpose of a shank stiffener for the outer sole 14.

It is to be further understood that various modifications in the method of application and design of the inner sole and shoe sole assembly as shown may be resorted to in keeping with the original spirit of my invention.

Having thus described my invention what I claim is:

An improved shoe comprising in combination, an upper, a counter, a welt stitched to said upper and counter, a heel member and outer sole member, said outer sole member being stitched to said welt, said heel member being attached to said outer sole member by means of nails driven from the inside of said shoe through the said counter, upper, and welt member and terminating in said outer sole and heel member.

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