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J. GLASSMAN
SHOE WITH FOXING STRIP
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2,528,357

Fig. 1.

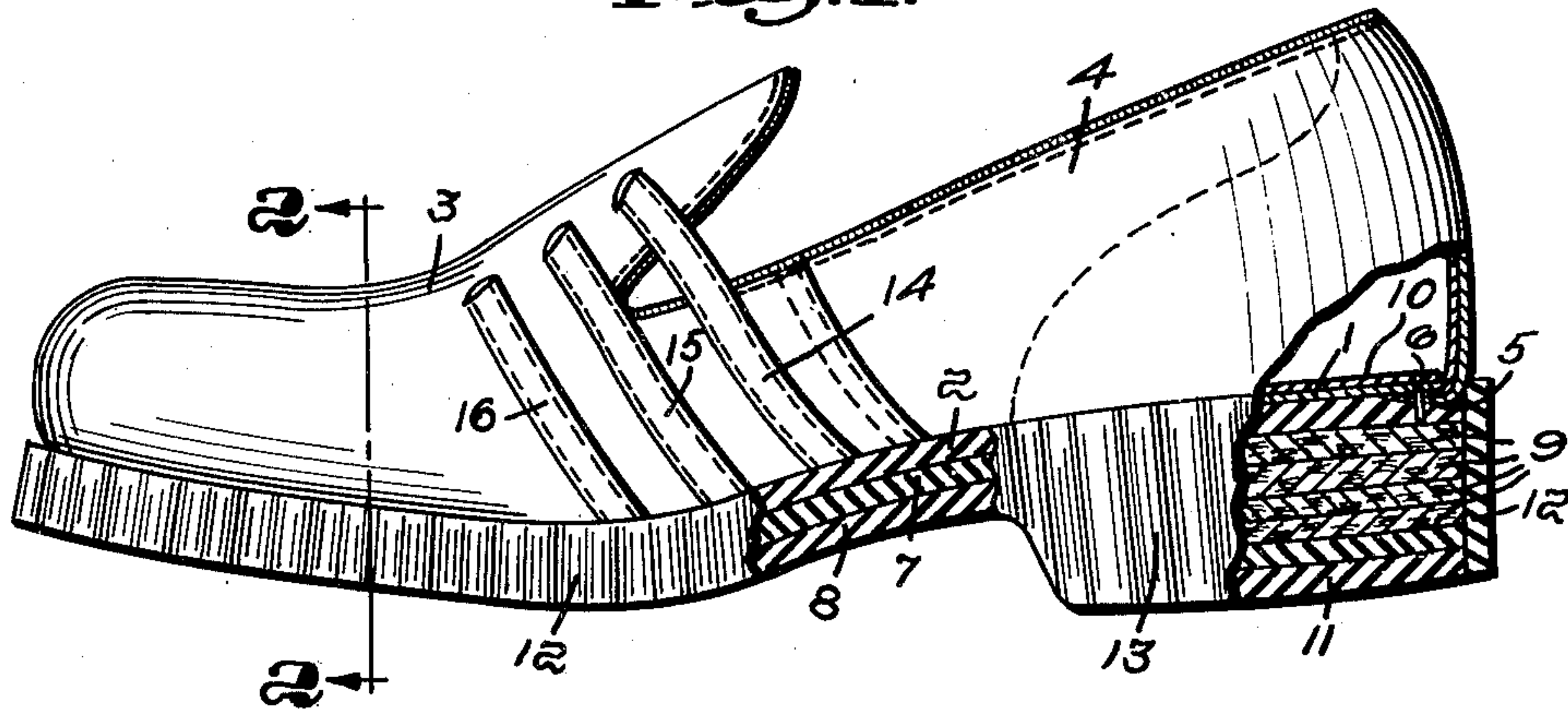


Fig. 2.

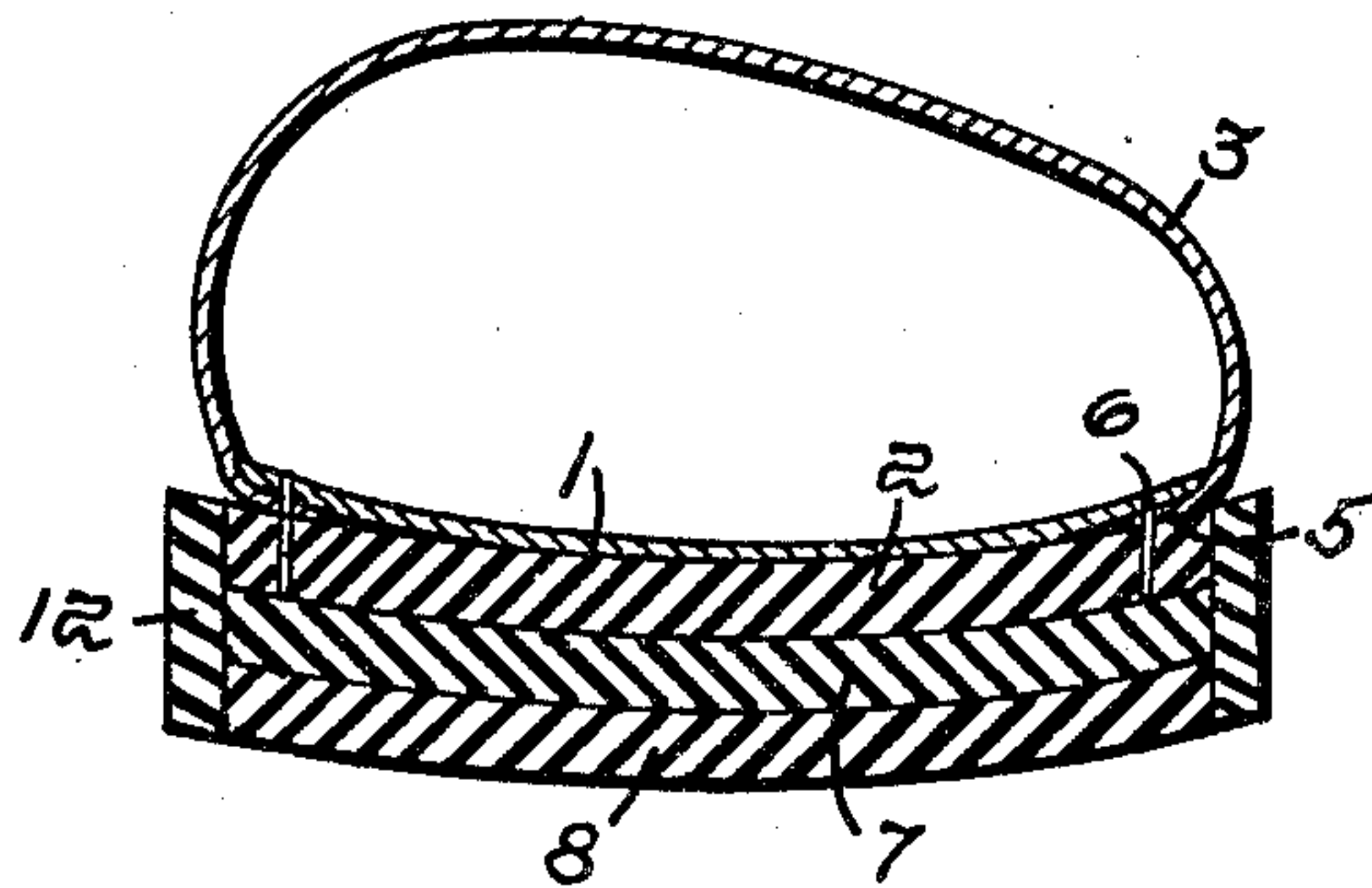
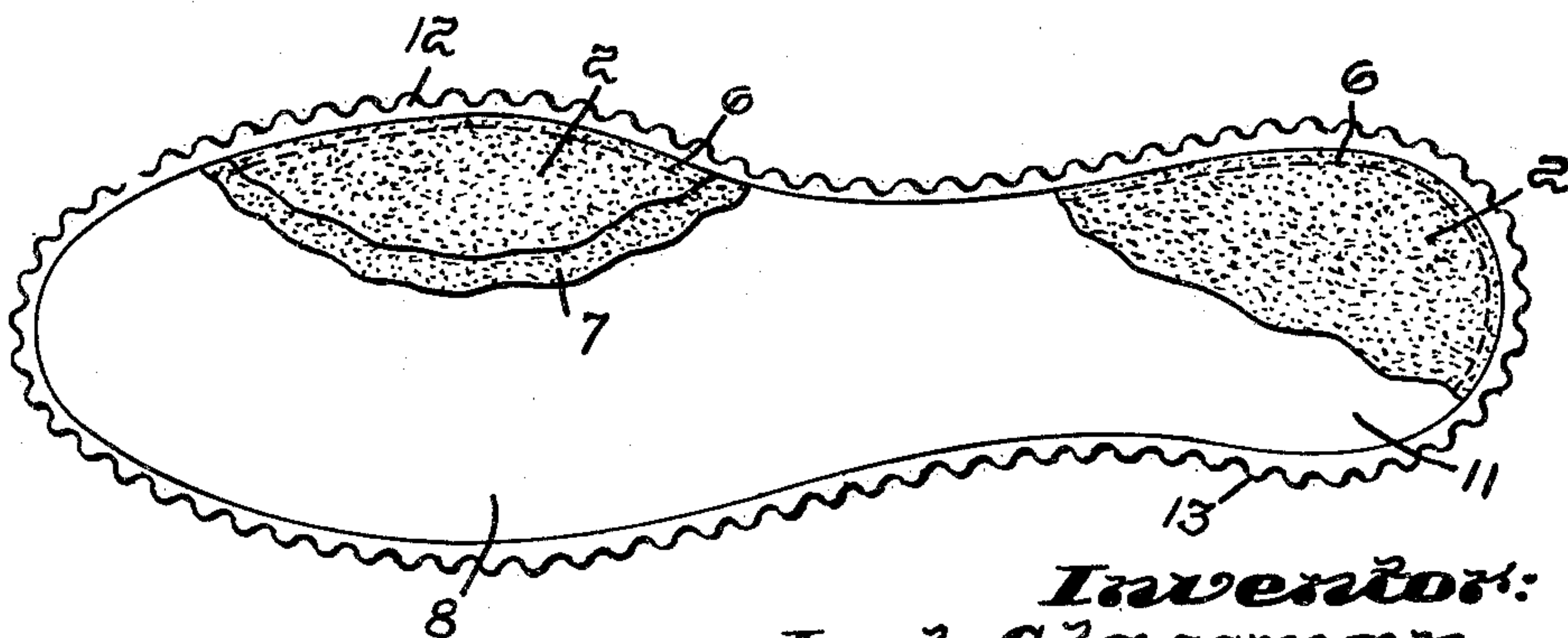


Fig. 3.



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SHOE WITH FOXING STRIP

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1 Claim. (Cl. 36—19.5)

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This invention relates to improvements in shoes and the principal object of the invention is to provide a highly flexible shoe having a laminated shoe sole of distinctive construction.

A further object of the invention is to provide a shoe of the character described with a preferably ornamental facing for the sole thereof fixedly secured to and covering the peripheral edges of the laminated sole.

A further object of the invention is to provide a shoe of the character described with a facing of water-repellent material, such as crepe rubber or similar material, having external uniform vertical corrugations to enhance the appearance of the shoe.

These and other objects and features of the invention will more fully appear from the following description and the accompanying drawings and will be particularly pointed out in the claim.

A preferred form of the invention is illustrated in the drawings, in which:

Fig. 1 is a side view of a shoe embodying the invention, in which the instep portion of the sole and a portion of the heel are illustrated in vertical section;

Fig. 2 is a transverse vertical section of the shoe on line 2—2, Fig. 1; and

Fig. 3 is a diagrammatic plan view of the sole of the shoe and the corrugated facing covering the edges of the sole, toe and heel portions of the sole being broken away to illustrate the construction thereof.

The shoe, as illustrated in Figs. 1 and 2 and diagrammatically in Fig. 3, comprises an inner sole 1, preferably of leather or other suitable tough fibrous material, an auxiliary sole 2 of somewhat greater area therebeneath, an upper 3 or vamp and quarters 4 provided respectively with inturned lower edges forming flanges 5 which are interposed between the edges of the inner sole 1 and the auxiliary sole 2, with means, such as a line of stitching 6, or a line of suitably clinched staples penetrating through the inner sole, the flanges and the auxiliary sole 2 fixedly securing the same together. A mid-sole 7, preferably of the same area as the auxiliary sole 2, underlies and is suitably secured to the auxiliary sole 2, and an outsole 8 of the same area underlies and is fixedly secured to the midsole. While it has been stated that the auxiliary sole 2 is of somewhat greater area from the inner sole, it will be noted from Figure 2 that it actually is only greater to the extent that it covers the inturned edge of the upper under the inner sole 1

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but does not extend outward beyond this inturned edge. By this means the facing strip 12 which is cemented against the edges of the auxiliary sole 2, the mid-sole 7 and the outer sole 8 will have the inner face joined with these edges concealed by the upper which practically lies over and therefore conceals this joint.

The auxiliary sole 2, the mid-sole 7 and the outsole 8, may be of any suitable material but preferably are of elastic waterproof material, such as crepe rubber, which is impervious to liquid.

The mid-sole desirably is cemented to the auxiliary sole and the outsole similarly cemented to the mid-sole thereby providing a practically integral laminated construction with the peripheral edges of the sole members in registry.

One or more heel lifts 9 of suitable material, preferably crepe rubber, are cemented together and to the under surface of the auxiliary sole beneath the heel seat 10 of the inner sole to provide a heel of sufficient height required by the usage for which the shoe is designed.

The midsole 7 is provided with a downwardly offset extension 11 extending from beneath the rear portion of the shank of the shoe and beneath the heel lifts. The periphery of the heel lifts and the extension of the outsole member 11 are in registry. The facing strip 12 previously mentioned, preferably of elastic material such as impervious crepe rubber, is fixedly secured to and covers the edges of the laminated sole, and is provided with a wider portion 13 which is fixedly secured to and covers the heel portion of the shoe. This facing strip has such a thickness that its edge will extend beyond the inturned edges of the upper and quarters of the shoe, and it also has a width such that its upper edge will form a continuous level surface with the surface of the auxiliary sole.

As shown in Fig. 1 a series of narrow straps 14, 15, and 16, having their lower ends interposed between the inner sole and the auxiliary sole and fixedly secured thereto by the stitching 6, extend diagonally upwardly and forwardly therefrom in parallelism and pass through the upper 3 and are connected to similar strips extending upwardly along the opposite side of the shoe and connected by a suitable buckle (not shown) to permit adjustment of the shoe properly to fit the foot of the wearer.

By reason of the construction above described a highly flexible, substantially waterproof, shoe is provided which will comfortably fit the foot of the wearer and be particularly useful not only

in ordinary wear but also for athletic purposes.

It will be understood that the particular embodiment of the invention shown and described herein is of an illustrative character and is not restrictive and that various changes in form, construction and arrangement of parts may be made within the spirit and scope of the following claim.

Having thus described the invention, what is claimed as new, and desired to be secured by Letters Patent, is:

A shoe, having a laminated sole, comprising an inner sole, an auxiliary sole member of slightly greater area therebeneath, an upper and quarters having inturned lower edges interposed between the inner sole and the auxiliary sole, anchoring means penetrating through said inner sole, the flanges of the upper and quarters and the auxiliary sole fixedly and flexibly securing the same together, said auxiliary sole being co-extensive only with the inturned lower edges of said upper and quarters, a mid-sole, an outsole member corresponding in area to that of the auxiliary sole member fixedly secured to said mid-sole, and a facing member having a thickness such that its edge will extend beyond the inturned edges of the upper and quarters and a width such that its upper edge will provide a

level surface continuous with the surface of the auxiliary sole fixedly secured to and covering the peripheral edges of said sole members with the joint of the facing and the edge of the auxiliary sole member being substantially concealed by the turned edge of said upper and quarters.

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REFERENCES CITED

10 The following references are of record in the file of this patent:

UNITED STATES PATENTS

	Number	Name	Date
15	1,532,942	Pierce	Apr. 7, 1925
	1,583,096	Pierce et al.	May 4, 1926
	1,735,986	Wray	Nov. 19, 1929
	2,027,557	Shultz	Jan. 14, 1936
	2,071,725	Bickford	Feb. 23, 1937
20	2,272,373	Jayne	Feb. 10, 1942
	2,276,398	Hosker	Mar. 17, 1942

FOREIGN PATENTS

	Number	Country	Date
25	240,059	Great Britain	Sept. 24, 1925
	543,084	Great Britain	Feb. 9, 1942