July 24, 1956 F. MENGE 2,755,568

ORTHOPEDIC SOCK LINING

Filed Aug. 18, 1954

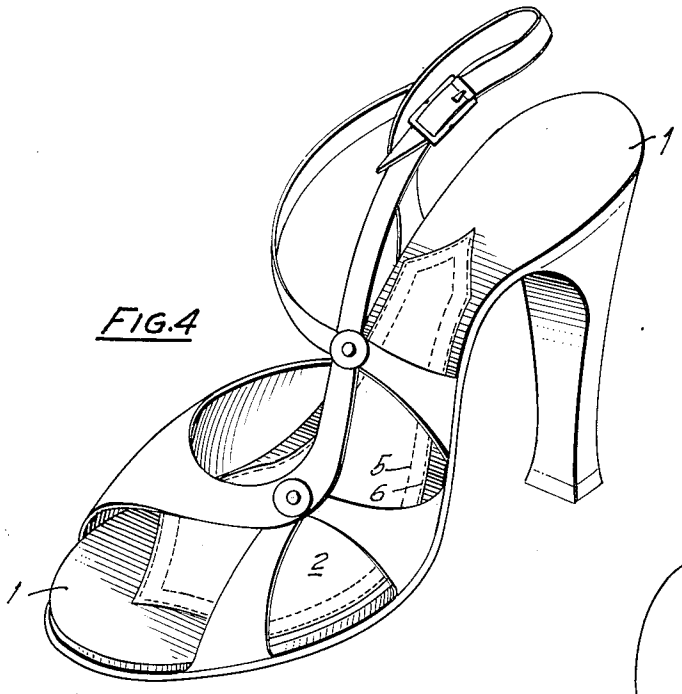


FIG. 4

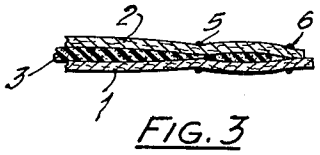


FIG. 3

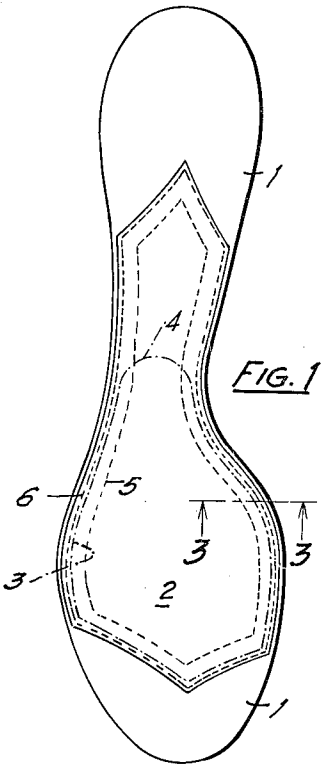


FIG. 1

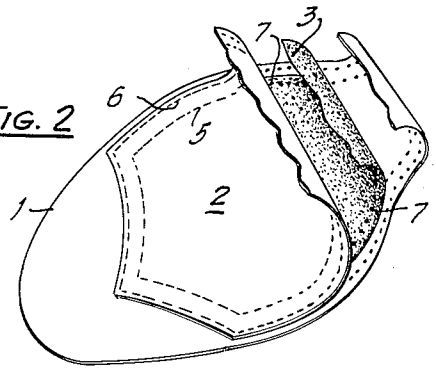


FIG. 2

Inventor
Franz Menge
by Smith & Smith
His Attorneys

United States Patent Office 2,755,568 Patented July 24, 1956

2,755,568

ORTHOPEDIC SOCK LINING

Franz Menge, Dolgeville, N. Y., assignor to Dalsan, Inc., Dolgeville, N. Y., a corporation of New York

Application August 18, 1954, Serial No. 450,691

1 Claim. (Cl. 36—71)

My invention relates to shoes and particularly to improvements in sock linings which are particularly but not exclusively adapted for use in ladies' shoes of the sandal type.

The principal object of my invention is to provide a sock lining having a cushioning layer of yielding resilient material permanently associated therewith in such a way as to form a substantially unitary structure which will allow the lining to be removed from a shoe without damage thereto or to said cushioning layer.

I accomplish this object in the manner and by the means described below and illustrated in the accompanying drawing in which—

Fig. 1 is a top plan view of the lining;

Fig. 2 is a perspective view of a portion of the lining with the parts thereof separated to show the inner construction;

Fig. 3 is an enlarged section of Fig. 1 in the plane 3—3; and

Fig. 4 is a perspective view of a sandal having my sock lining therein.

Referring to the drawing:

My sock lining comprises a thin, flexible strip of leather 1 which is substantially coextensive with the inner surface of the sole of the shoe to which it is to be attached. 2 is a second strip of leather overlying and substantially coextensive with those zones of the strip of leather 1 which extend between the phalanges and the heel of the wearer of the shoe. In other words, it underlies the metatarsus.

Between the strips 1 and 2 is a unitary layer of yielding, resilient material of uniform thickness, preferably a sheet of foam rubber 3, having its marginal edges spaced inwardly from the marginal edges of the strip 2 but which, otherwise, may be substantially coextensive with the strip 2, or terminate at the rear in about the position shown by the dot and dash line 4 in Fig. 1.

In order to secure the portions 1 and 2 together with the layer of foam rubber 3 therebetween, I use an inner and an outer line of stitching 5 and 6, respectively, which are substantially parallel to each other and adjacent the marginal edges of the layer 2. The marginal edges 7 of the layer of rubber are disposed between the lines of stitches 5 and 6. Thus, the outer line of stitches passes only through the upper and lower layers of leather closely adjacent their marginal edges and is closely adjacent but beyond the marginal edges of the layer of rubber. The

inner line of stitching 5, however, passes through both of the leather portions and also through the layer of rubber, as best shown in Figs. 2 and 3.

From the foregoing, it will be apparent that my sock lining is a unitary structure which may be adhesively secured to the inner surface of the sole of a shoe and removed therefrom, when necessary, without damage to said lining.

The leather portions have their smooth sides exposed on the top of the lining and, if the portion 1 is black, a very attractive appearance is given to a shoe by using a white leather for the portion 2.

While I have described my invention in its preferred embodiment, it is to be understood that the words which I have used are words of description rather than of limitation and that changes, within the purview of the appended claim, may be made without departing from the true scope and spirit of my invention in its broader aspects.

What I claim is:

An orthopedic sock lining for a shoe of the sandal type; said lining comprising a first portion of thin, flexible leather conforming substantially in size and shape to the inner surface of the sole of said shoe; whereby it may be adhesively secured thereto and substantially coextensive therewith; a second portion of thin, flexible leather overlying said first portion, having its lateral edges closely adjacent the lateral edges of said first portion and extending longitudinally between a zone adjacent the heel of the wearer and a zone which will underlie and extend somewhat beyond the metatarsus of the wearer; a layer of sponge rubber of substantially uniform thickness between said first and second portions of leather and substantially coextensive with said second portion from the forward end thereof to at least the rear of the metatarsus; said portions of leather being secured together by a first line of stitching closely adjacent the edges of said second portion but beyond the edges of said rubber; and said layer of rubber being securely held in fixed position between said portion of leather by a second line of stitching spaced from but substantially parallel to said first line and extending through said leather portions and through said layer of rubber in spaced relation to the edges of said layer.

References Cited in the file of this patent

UNITED STATES PATENTS

107,537	Prall	Sept. 20, 1870
275,767	Hill	Apr. 10, 1883
795,562	Tatti	July 25, 1905
1,093,608	Delaney	Apr. 21, 1914
1,864,204	Lapidus	June 12, 1932
2,027,072	Tweedie	Jan. 7, 1936
2,075,552	Stemmons	Mar. 30, 1937
2,147,466	Silver	Feb. 14, 1939
2,208,078	Lobdell	July 16, 1940
2,229,500	Sawyer	Oct. 20, 1942
2,300,739	Brown	Nov. 3, 1942
2,368,514	Baehr	Jan. 30, 1945
2,383,583	Becker	Aug. 28, 1945
2,491,280	Roth	Dec. 13, 1949
2,502,774	Alianiello	Apr. 4, 1950