J. E. TOSCAN.

INSOLE LINING OR PAD.

APPLICATION FILED DEC. 20, 1917.

1,304,826. Patented May 27, 1919.

Fig. 1.

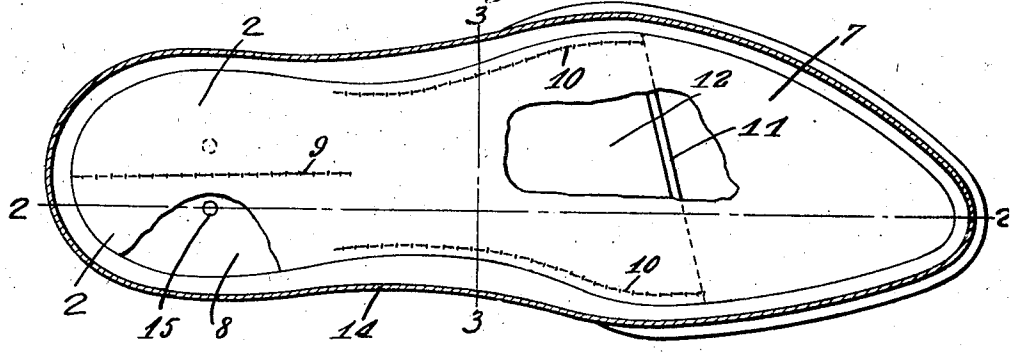


Fig. 2.

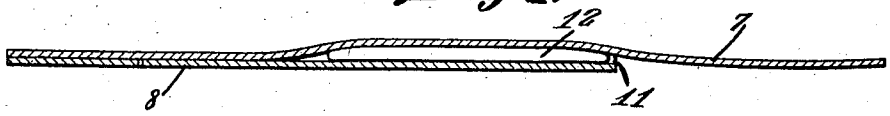


Fig. 3.

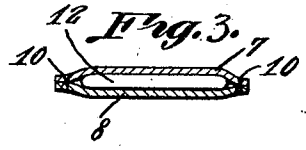


Fig. 4.

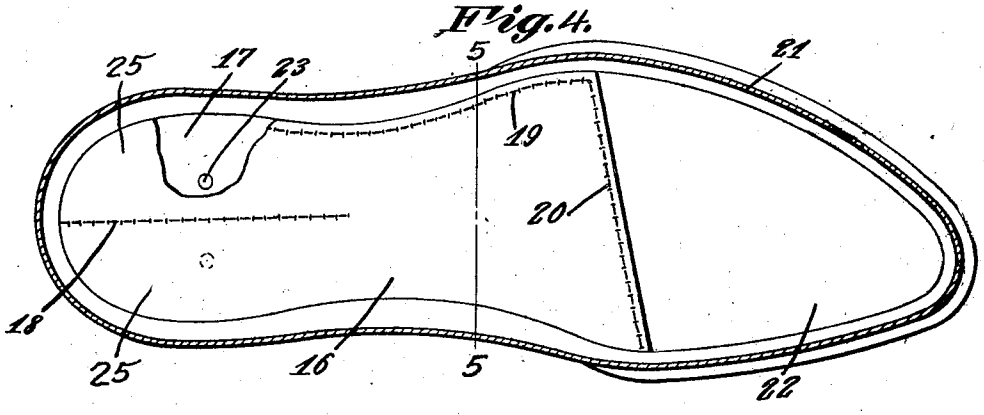
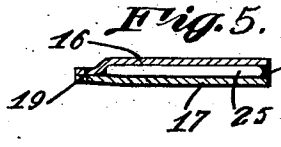


Fig. 5.



J. E. Toscan Inventor

Witness

By C. A. Snow & Co.

Attorneys

UNITED STATES PATENT OFFICE.

JAMES E. TOSCAN, OF JAMESTOWN, NEW YORK.

INSOLE LINING OR PAD.

1,304,826. Specification of Letters Patent. Patented May 27, 1919.

Application filed December 20, 1917. Serial No. 208,093.

To all whom it may concern:

Be it known that I, JAMES E. TOSCAN, a citizen of the United States, residing at Jamestown, in the county of Chautauqua and State of New York, have invented a new and useful Insole Lining or Pad, of which the following is a specification.

It is the object of this invention to provide a novel lining for an article of foot wear, so constructed that the nails in the sole of the article of foot wear will be covered, novel means being provided whereby the lining can be attached to the sole, and the lining being adapted to receive a pad serving as an arch support.

In the accompanying drawings:—

Figure 1 is a sectional view showing the lining in a shoe;

Fig. 2 is a section on the line 2—2 of Fig. 1, the article of footwear, however, having been omitted, and the view disclosing the lining only;

Fig. 3 is a cross section on the line 3—3 of Fig. 1, the article of footwear having been omitted, as aforesaid;

Fig. 4 is a sectional view of an article of footwear wherein the lining is mounted, Fig. 4 being similar to Fig. 1, but disclosing a modified form of the invention;

Fig. 5 is a cross section on the line 5—5 of Fig. 4, the article of footwear being omitted.

In Figs. 1, 2 and 3, the numeral 7 denotes a flexible tread beneath which is disposed a supplemental strip 8. The strip 8 preferably is of such a length that it terminates adjacent the ball of the foot of the wearer. A longitudinal stitching 9 connects the strip 8 and the tread 7 at the heel portions of these elements, and forms flexible wings 2 in the tread 7, at the heel end thereof. The tread 7 and the supplemental strip 8 are united by side lines of the stitching, as shown at 10, these lines of stitching terminating short of the heel end o the tread 7 and the strip 8. The lines of stitching shown at 10 define, between the strip 8 and the tread 7, a pocket, which is open at its forward end, as shown at 11. Into this pocket a pad 12 of any desired form may be inserted, for the purpose of supporting the arch of the foot of the wearer. The forward end of the stitching 9 limits the rearward movement of the pad 12.

The numeral 14 indicates the upper of an article of footwear. The tread 7 is placed on the sole of the article of footwear, the flexible wings 2 formed by the stitching 9 are bent upwardly, securing elements 15 are inserted through the side portions of the supplemental strip 8, into the heel of the article of footwear, and then the wings are bent downwardly to cover the securing elements 15.

As shown in Figs. 4 and 5, the flexible tread appears at 16 and the supplemental strip is shown at 17, these elements being of approximately the same size. The longitudinal line of stitching, defining the wings 25 in the tread 16, at the rear end thereof, is denoted by the numeral 18. The tread 16 and the supplemental strip 17 are united, along one side, by stitching 19, extending across the forward ends of the parts 16 and 17, as shown at 20, so as to define a pocket which is open at one side, as shown at 24. Into the pocket thus formed, may be inserted a pad 25, adapted to support the arch of the foot of the wearer. The forward end of the stitching 18 limits the rearward movement of the pad 25.

The upper of the article of footwear is shown at 21 and the sole appears at 22, the tread 16 and the supplemental strips being considerably shorter than the toe. The nails which pass through the strip 17 beneath the wings 25 are shown at 23.

Having thus described the invention, what is claimed is:—

1. In a device of the class described, a lining comprising a tread; a supplemental strip beneath the tread; means for connecting the strip and the tread along a longitudinal line throughout a portion of their length to form flexible wings in the tread at the rear end of the lining; means for connecting the tread and the lining along certain of their edges to form a pocket at the forward end of the lining and to form an opening for the pocket; and a pad in the pocket.

2. A device of the class described, constructed as set forth in claim 1, and further characterized by the fact that the first-specified connecting means is constructed and arranged to coöperate with the pad to thereby limit the rearward movement thereof.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

JAMES E. TOSCAN.

Witnesses:
ARTHUR H. HITCHCOCK,
MERIT E. BARNES.