

T. B. FELTER.
TURNED SHOE.
APPLICATION FILED OCT. 30, 1911.

1,054,402.

Patented Feb. 25, 1913.

Fig. 1

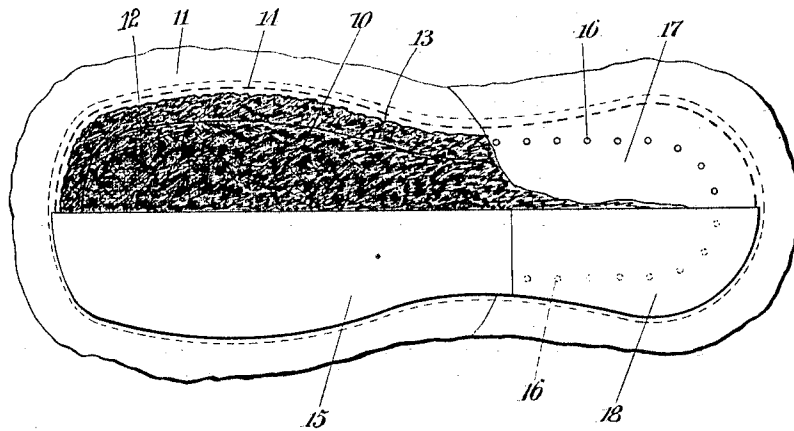
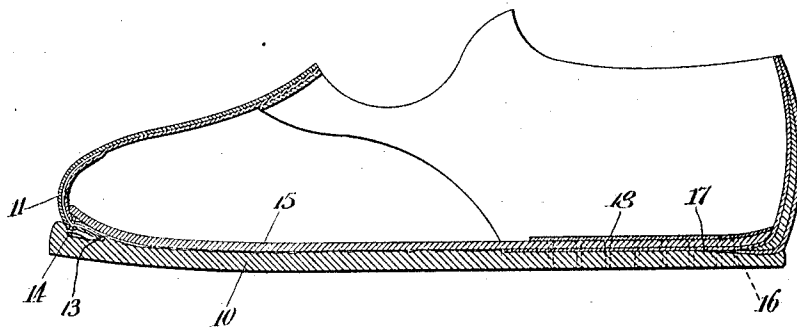


Fig. 2



Witnesses:
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UNITED STATES PATENT OFFICE.

THEODORE B. FELTER, OF NEWARK, NEW JERSEY.

TURNED SHOE.

1,054,402.

Specification of Letters Patent.

Patented Feb. 25, 1913.

Application filed October 30, 1911. Serial No. 657,419.

To all whom it may concern:

Be it known that I, THEODORE B. FELTER, citizen of the United States, and a resident of Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Turned Shoes, of which the following is a specification.

The invention relates to shoes, more particularly to shoes generally known as turned shoes made by sewing the upper over an outer sole and then turning the said upper, no insole being employed as in the case of welted shoes.

The invention has for its object to protect the foot of the wearer against the inequalities of the inner face of such turned shoe sole and of the seams thereof, by providing a suitable protecting and finished insole for this type of shoe. The invention affords, furthermore, means for effecting a repair of the shoe with new tap sole when the outer sole becomes worn. Repair of turned shoes, as usually constructed, is impracticable, there being nothing to which a new sole may be secured. The improved shoe provides a finished insole completely covering all inequalities present in the usual shoe of this type, and may be provided with a heel lining if desired. The shoe as a whole, by virtue of the insole thus provided, maintains its form much longer and possesses increased wearing quality, and when the outer sole becomes worn, may be repaired.

The nature of the invention will be best understood when described in connection with the accompanying drawings, in which—

Figure 1 is a plan view of the improved shoe with the upper broken away and one-half of the insole removed. Fig. 2 is a vertical section of the improved shoe.

Similar characters of reference designate corresponding parts throughout the several views.

Referring now to the drawings, 10 designates the sole (outer) to which is sewn in the usual manner the upper 11. In Fig. 1, the exposed half 12 illustrates the rough inner surface of the sole and ends 13 of lining and upper as well as the stitches 14, the

whole being usually covered by a thin flexible lining (not shown and unnecessary in the improved shoe), but which does not protect the foot of the wearer against the said rough surface and the inequalities present. To overcome the disagreeable effect produced by the former type of shoe, an insole 15, of leather or other suitable material and of sufficient thickness, is inserted within the shoe and preferably before the second lasting of the same, presenting a smooth surface which affords substantial protection to the foot of the wearer. This insole is attached to the outer sole 10, preferably by means of a suitable cement; and it may, furthermore, be secured thereto at the heel by means of nails 16 passing therethrough. These nails may serve, also, to secure the quarter lining 17. When the insole is thus nailed to the outer sole, a sock lining 18 is cemented over the heel portion to cover the ends of the nails. The insole thus inserted in the shoe serves not only to provide a more comfortable and substantial shoe, but reinforces the same; and, furthermore, in being thus an integral part of the shoe, the outer sole when worn may be replaced by a tap sole as there remains a substantial portion to which such sole may be secured.

I claim:—

The combination with a turned shoe, of an insole completely covering the inner face of the outer sole and cemented thereto throughout its length, nails passing through the heel of the outer sole, the quarter lining and the insole to secure the same to one another, said insole being of sufficient thickness to protect the foot of the wearer against the inequalities of said inner face and the attached upper, and a heel lining cemented over the heel portion of said insole.

Signed at Newark, in the county of Essex and State of New Jersey, this 27th day of October A. D. 1911.

THEODORE B. FELTER.

Witnesses:

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