Feb. 17, 1925. 1,526,876

P. E. SELBY

SHOE SHANK

Filed March 21, 1923

Fig. 1.

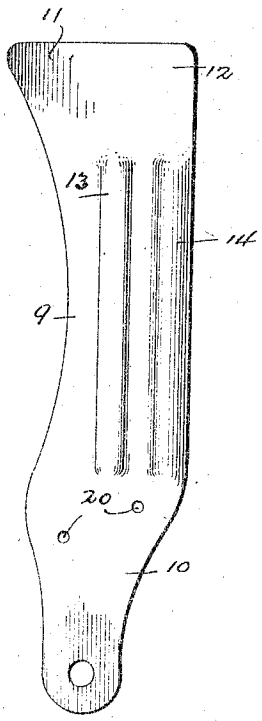


Fig. 2.

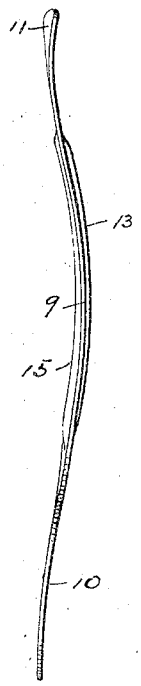


Fig. 3.

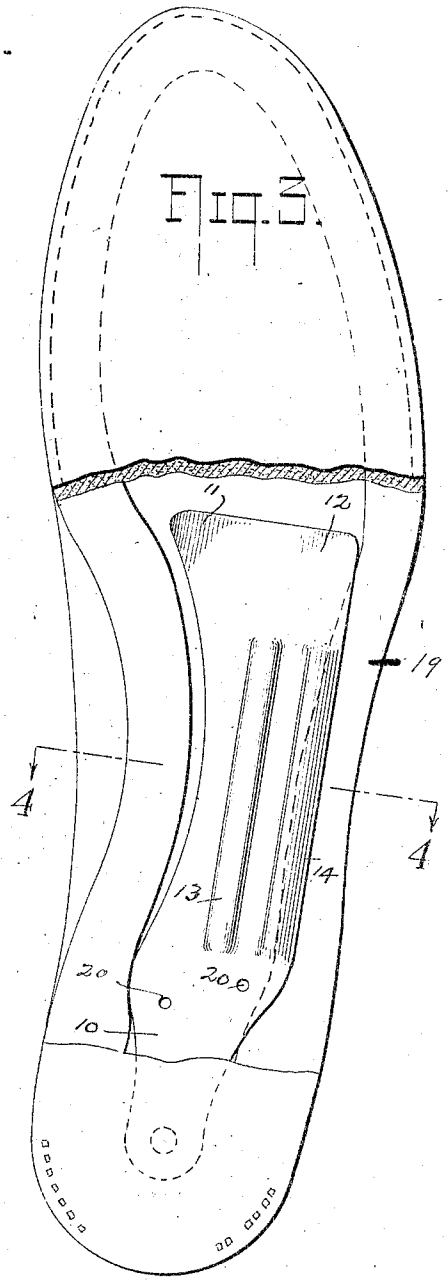
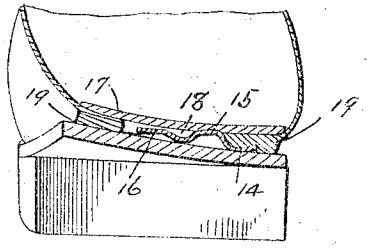


Fig. 4.



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UNITED STATES PATENT OFFICE.

PEARL E. SELBY, OF PORTSMOUTH, OHIO, ASSIGNOR TO THE SELBY SHOE COMPANY, OF PORTSMOUTH, OHIO, A CORPORATION OF OHIO.

SHOE SHANK.

Application filed March 21, 1923. Serial No. 626,707.

To all whom it may concern:

Be it known that I, PEARL E. SELBY, a citizen of the United States, and a resident of Portsmouth, county of Scioto, State of Ohio, have invented certain new and useful Improvements in Shoe Shanks, of which the following is a full, clear, and exact description.

Among the principal objects which the present invention has in view are: to provide a rigid support for the outer edge of a shoe coincident with the arch thereof; to provide a rigid support for the insole of a shoe at the arch thereof; to protect the welt of a shoe at the arch section thereof; and to conform a rigid shank with the structure of the shoe at the conjunction of the sole tread portion and shank portion of the sole.

Figure 1 is a top plan view of a shank constructed and arranged in accordance with the present invention;

Figure 2 is a side edge view thereof;

Figure 3 is a bottom plan view of a shoe, a portion of the sole and heel being removed to show my improved shank in service relation;

Figure 4 is a cross section taken as on the line 4—4 in Figure 3.

As seen in the drawings, the relatively wide metal shank 9 has a flattened heel portion 10, and a thin broadly convex portion 11 and a relatively flat portion 12 adjacent thereto. Intermediate the portions 10 and 12 the metal is narrowed or waisted and at this portion is provided with the outwardly or downwardly projecting full ridge 13 and the half ridge 14. Between the ridges 13 and 14 is a relatively flat, though narrow section 15. The surface of the section 15 is substantially level with the section 16, the two sections forming a firm support lengthwise of the arch of the shoe for the insole 17 thereof. This construction prevents the insole from falling away from the line at which the shoe was lasted, and avoids the filling usually adaptable for a similar purpose.

If desired the valley 18 at the upper side of the shank formed by the depression of the ridge 13 may be provided with filling material of the usual type.

At the outer edge of the shoe the welt 19 extends lengthwise of the arch under that portion of the foot known as the outer edge of the arch. The inseamed portion of the welt heretofore has been unsupported and consequently, to a material extent, the foot has had no solid foundation upon which to rest at this part of the shoe.

When using the present invention the ridge 14 extends laterally as seen best in Figures 3 and 4 of the drawings over the inner edge of the welt 19, the extent to which the ridge 14 may cover the welt 19 being optional with the designer, but in all cases it will be found that the welt and the portion of the shoe adjacent thereto is supported by the rigid shank.

The perforations 20 shown in the drawings are provided to receive nails or other securing devices.

Claims:

1. A shoe shank constructed of rigid material formed to conform to and support the insole of a shoe, and a plurality of longitudinal ribs on said shank, said ribs being varied in height to impart a pitch to said shank when applied conforming to the line on which the shoe is lasted.

2. A shoe shank constructed of rigid material formed to conform to and support the insole of a shoe when applied, a longitudinal central rib on said shank, and a relatively shallow rib at one side of said shank, parallel to said central rib and adapted to engage under and support the outer welt of a shoe at the insole.

PEARL E. SELBY.