

(No Model.)

F. E. FARWELL.
SHOE.

No. 275,813.

Patented Apr. 17, 1883.

Fig 1.

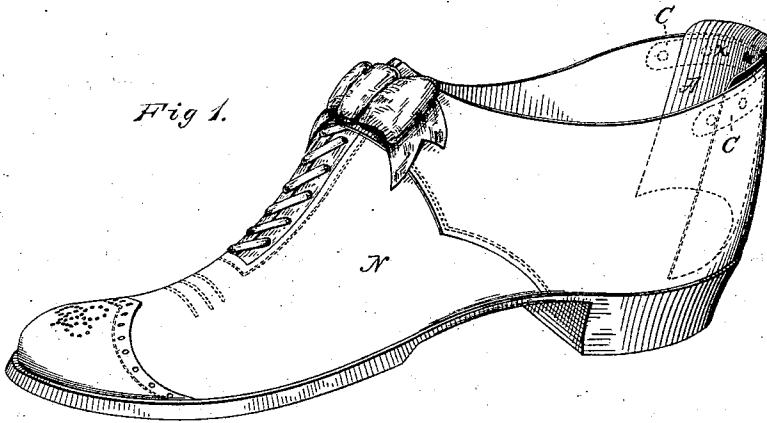


Fig 2.

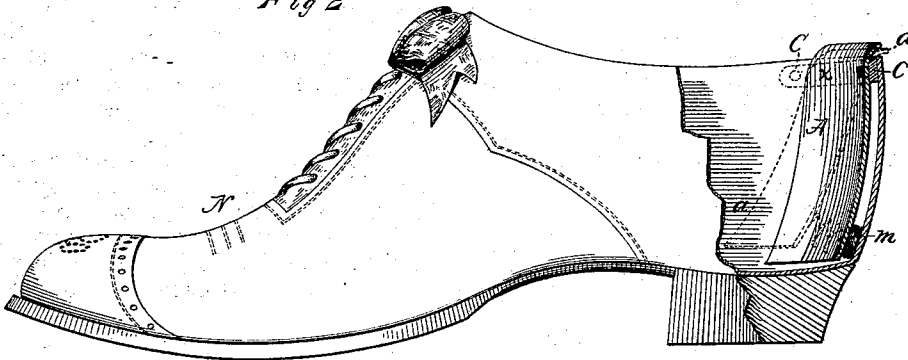
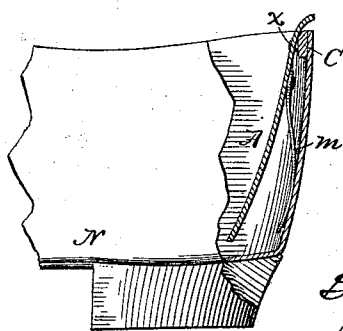


Fig 3.



Witnesses

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SHOE.

SPECIFICATION forming part of Letters Patent No. 275,813, dated April 17, 1883.

Application filed August 11, 1882. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK E. FARWELL, of Fitchburg, in the county of Worcester, State of Massachusetts, have invented a certain new and useful Improvement in Shoes, of which the following is a description sufficiently full, clear, and exact to enable any person skilled in the art or science to which said invention appertains to make and use the same, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is an isometrical perspective view, and Figs. 2 and 3 vertical longitudinal sectional views.

Like letters of reference indicate corresponding parts in the different figures of the drawings.

My invention relates to means designed to assist in putting on the shoe; and it consists in a horn or plate of metal or other rigid material of proper form, arranged vertically within the shoe, and pivoted or hinged to the top of the heel thereof in such manner as to permit the horn to be tilted, or its upper end depressed outwardly and its inner end elevated, as the foot is inserted in the shoe.

It also consists in the employment of a metallic plate disposed at the top of the heel, and to which the horn is hinged, and, furthermore, of a spring arranged between the horn and the inner side of the heel for throwing out the lower end of the horn, and thus enabling the foot to be inserted in the shoe with greater facility, all as hereinafter more fully set forth and claimed.

The nature and operation of my improvement will be readily understood by all conversant with such matters from the following explanation, its extreme simplicity rendering an elaborate description unnecessary.

In the drawings, N represents the body of the shoe, and A the horn. The horn is composed of sheet metal or other similar rigid material bent or curved to fit the interior of the shoe at the heel, and extends about an inch (more or less) above the quarters at the heel-seam, as shown. A thin curved metallic plate, C, is inserted and secured between the upper and lining of the shoe at the top of the heel, and to this plate the horn is pivoted or hinged

in such manner that it may be readily thrown back or elevated, as shown by the dotted lines *a a*. The horn may, however, be jointed or pivoted directly to the upper of the shoe or to the heel-stiffener, and the plate C omitted, if desired, though its use is preferable. To enable the foot to be inserted in the shoe with greater ease or more readily, I make use of the spring *m*, arranged between the horn and the inner side of the heel, the spring being secured in position in any convenient and proper manner, and acting to throw the lower end of the horn into the position shown by the dotted lines *a*, Fig. 2, whereby the shoe may be put on with greater facility, it being unnecessary, when the spring is employed, to adjust the horn prior to inserting the foot, the spring performing this function. The spring may be either spiral or flat, a flat spring being in some respects preferable. In Fig. 2 a spiral spring is represented, disposed near the lower end of the horn and arranged between the same and the heel of the shoe; and in Fig. 3 a flat spring is shown, its upper end being secured at or near the hinge *x*.

In the use of my improvement the foot may be readily inserted in the shoe by tilting or throwing back the horn, as shown by the lines *a a*, the horn assuming a vertical position when the shoe is on the foot, as seen in Fig. 1.

Having thus explained my improvement, what I claim is—

1. In a shoe, the horn A, constructed of metal or other rigid substance, and hinged at the upper portion of the heel thereof, substantially as and for the purpose specified.

2. In a shoe, the curved plate C and rigid horn A, combined and arranged to operate substantially as set forth.

3. A shoe having a horn hinged to the heel of the same to assist in putting on the shoe, and a spring for throwing out the lower end of the horn to bring the upper end of the same into an inclined position, and thereby enable the foot to be inserted in the shoe with greater facility, substantially as set forth and specified.

FREDERICK E. FARWELL.

Witnesses:

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