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1,477,408

D. O. WILLIAMS

SHOEHORN

Filed Jan. 3, 1922

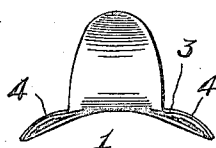


FIG. 3.

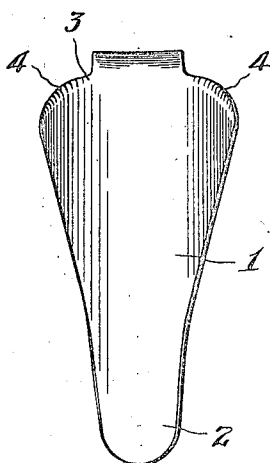


FIG. 1.

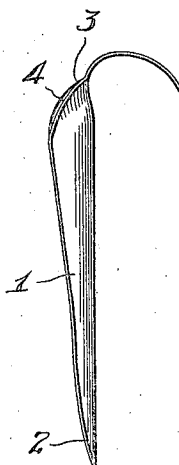


FIG. 2.

INVENTOR:

DWIGHT O. WILLIAMS

BY

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UNITED STATES PATENT OFFICE.

DWIGHT O. WILLIAMS, OF GALION, OHIO.

SHOEHORN.

Application filed January 3, 1922. Serial No. 526,508.

To all whom it may concern:

Be it known that I, DWIGHT O. WILLIAMS, a citizen of the United States, resident of Galion, county of Crawford, and State of Ohio, have invented new and useful Improvements in Shoehorns, of which the following is a specification, the principle of the invention being herein explained, and the best mode in which I have contemplated applying that principle so as to distinguish it from other inventions.

My invention relates to shoe horns and particularly to a construction in articles of this nature which will allow an easy withdrawal of the horn after the heel has been carried into and accommodated within the shoe. Also, the horn will allow an accommodation of the horn to the heel of the wearer and an easy ingress of the heel into the shoe. The annexed drawing and the following description set forth in detail certain means embodying my invention, the disclosed means, however, constituting but one of the various mechanical forms in which the principle of the invention may be employed.

In said annexed drawing:

Figure 1 represents an elevation of my new and improved shoe horn;

Figure 2 represents an edge view thereof; and

Figure 3 represents a top end view thereof.

The usual shoe horn is formed of a stamping much wider at the bottom end which enters the shoe than it is at the top or grip end. Such forms of horns are withdrawn from the shoe, after the heel has been accommodated to the latter, with great difficulty because the wide part of the horn binds against the inside of the shoe. This condition cannot be satisfactorily corrected by making the curvature of the stamping sharper because then the edges of the horn painfully scrape the wearer's heel when the horn is withdrawn from the shoe. Some designs of horns are of substantially equal widths at the two ends. These designs of horns, however, do not satisfactorily accommodate the heel.

My improved horn is designed to correct the unsatisfactory conditions hereinbefore mentioned. Referring to the annexed drawing, a stamping 1 indicates the body of my new and improved horn, having the curved contour usual to articles of this nature. I form the stamping 1 of a width at the bottom end 2 materially less than that of the width of the stamping at the grip end 3, as plainly shown in the accompanying drawing. I have shown the width from the narrow end 2 to the wide end 3 to be a gradually increasing one, but I do not limit myself thereto, inasmuch as the purpose of providing for an easy withdrawal of the horn would be served by making one or more sharp cuts in the edges of the horn, or by any other suitable provision whereby the bottom end 2 is made suitably narrow to allow easy withdrawal. In order that the horn may receive the heel easily and without catching the latter in any troublesome manner, and also to allow for the easy ingress of the heel into the shoe, I curve or round outwardly the lateral edges of the grip end 3 of the stamping 1, as plainly shown in the accompanying drawing, to form the shoulders 4.

What I claim is:—

1. A shoe horn comprising a suitably curved stamping, having a bottom end materially less in width than the top end.
2. A shoe horn comprising a suitably curved stamping, having a comparatively narrow bottom end and lateral edges gradually divergent from said bottom end to a comparatively wide top end.
3. A shoe horn comprising a suitably curved stamping, having an outwardly rounded lateral shoulder formed upon its upper edge.
4. A shoe horn comprising a suitably curved stamping, having a pair of oppositely disposed outwardly rounded lateral shoulders formed upon its top end.

Signed by me this 30th day of December, 1921.

DWIGHT O. WILLIAMS.