

No. 812,116.

PATENTED FEB. 6, 1906.

C. B. CORBIN.
SHOE FORM.

APPLICATION FILED MAR. 28, 1905.

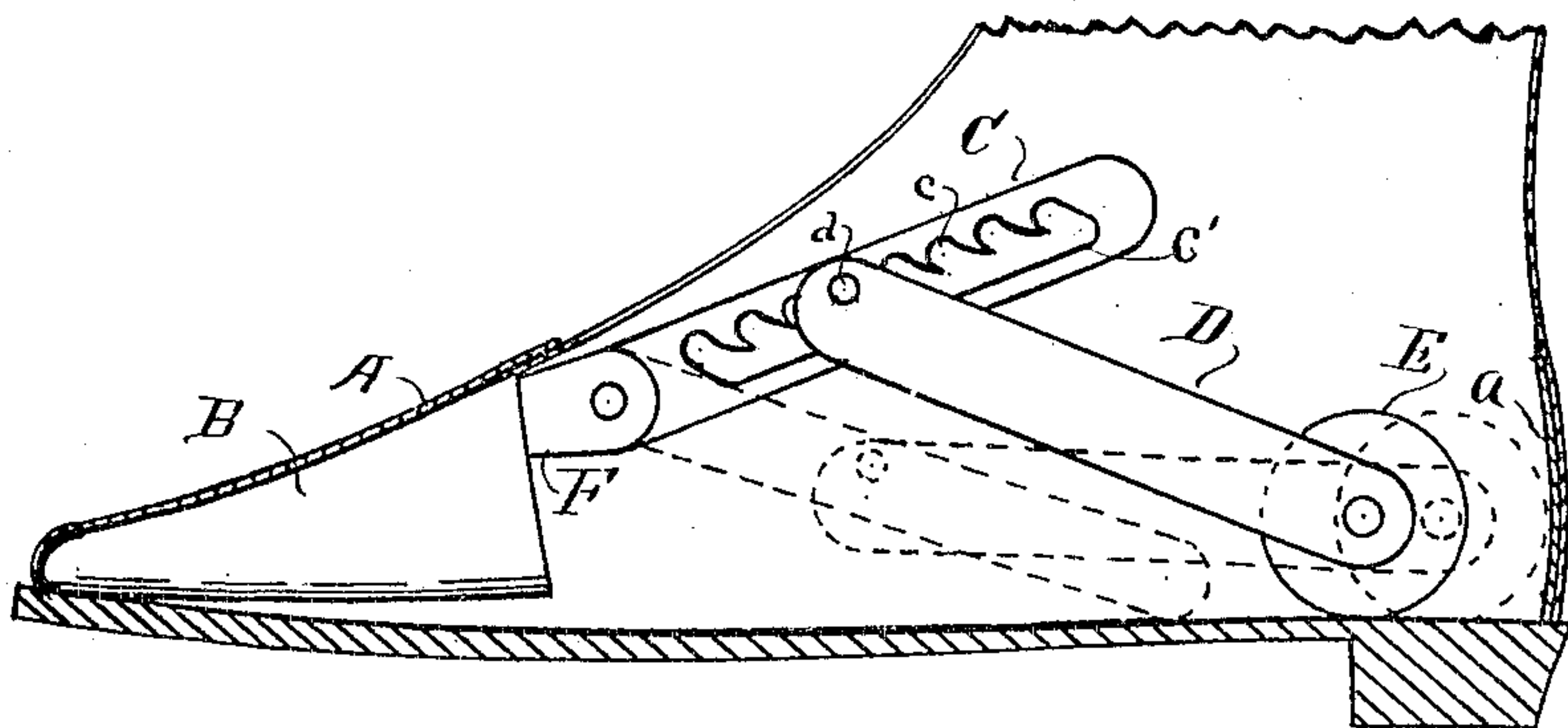


Fig. 1.

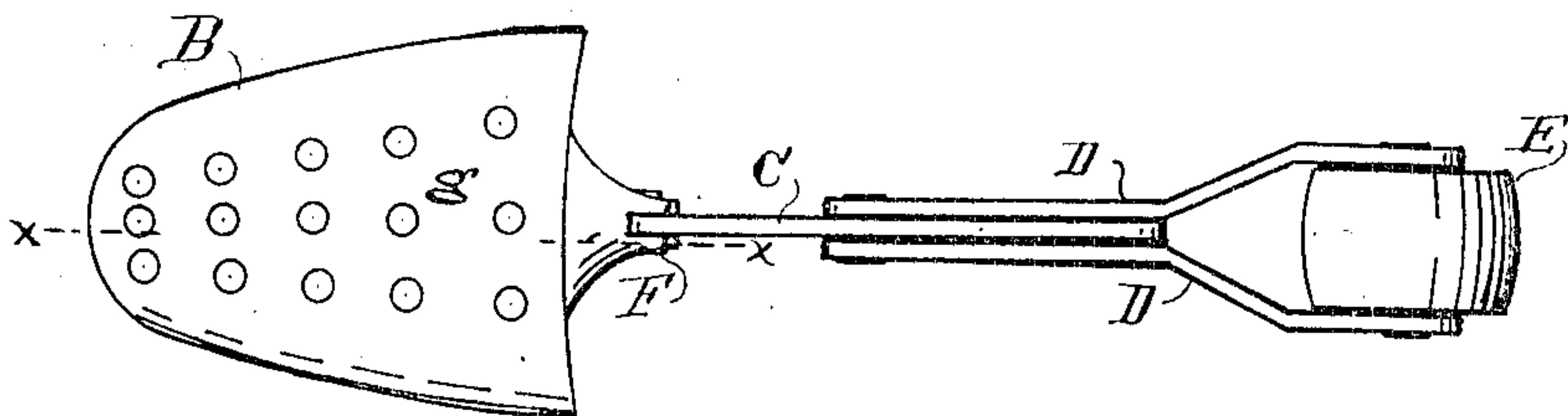


Fig. 2.

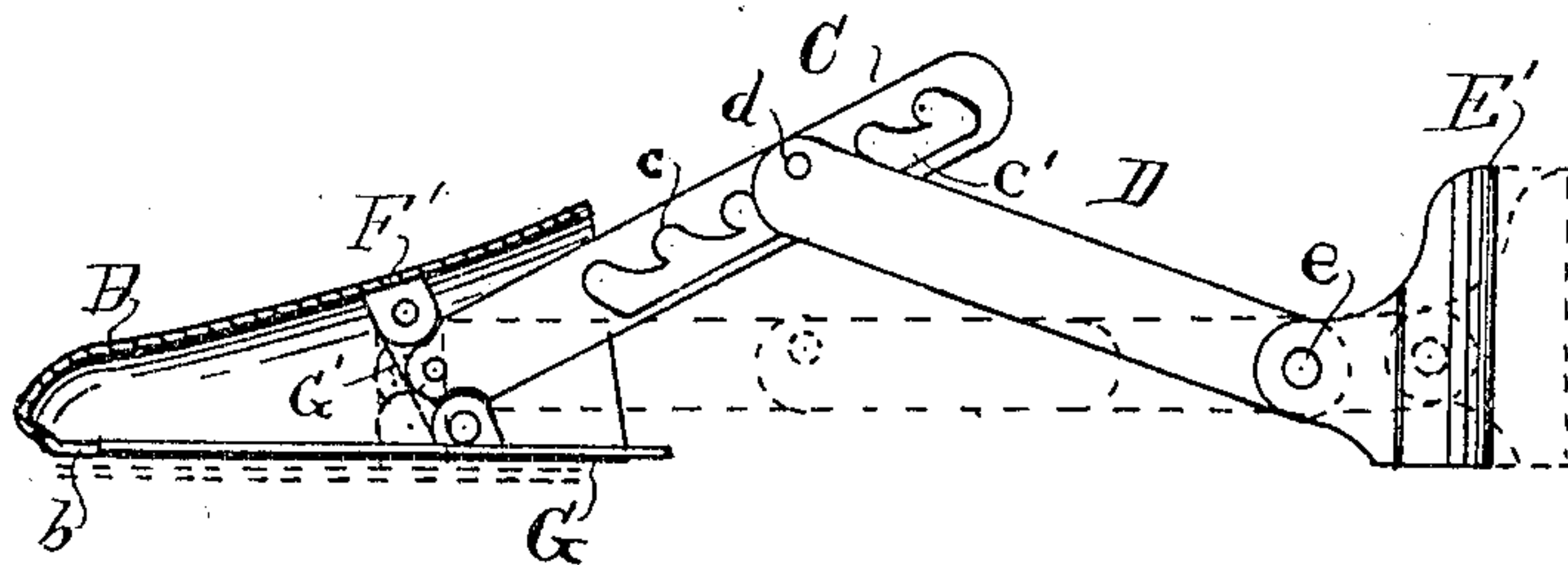


Fig. 3.

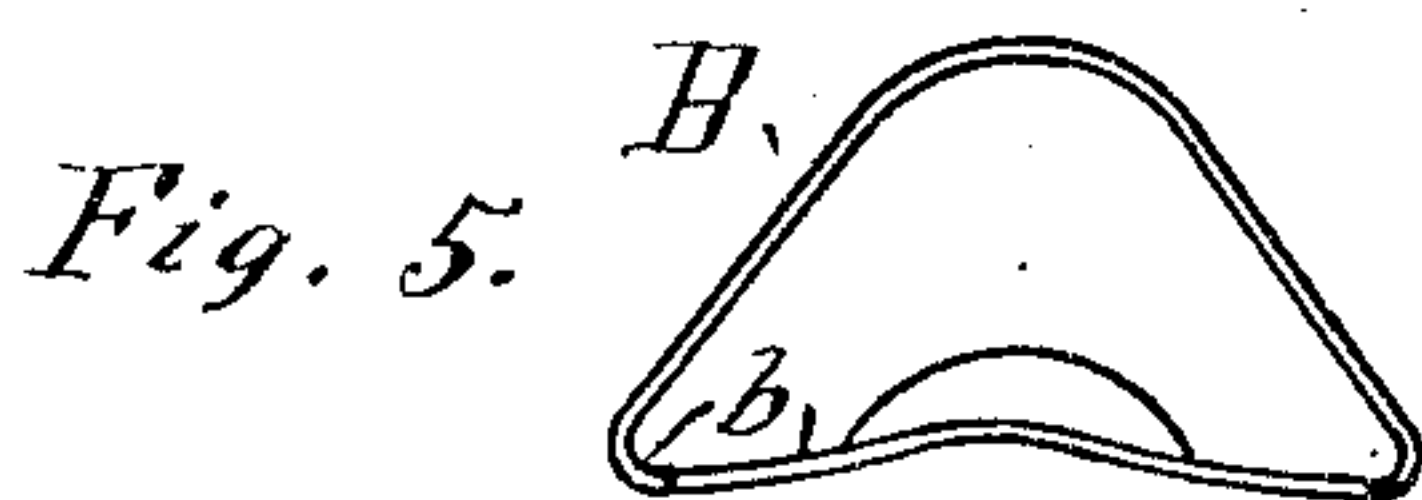


Fig. 5.

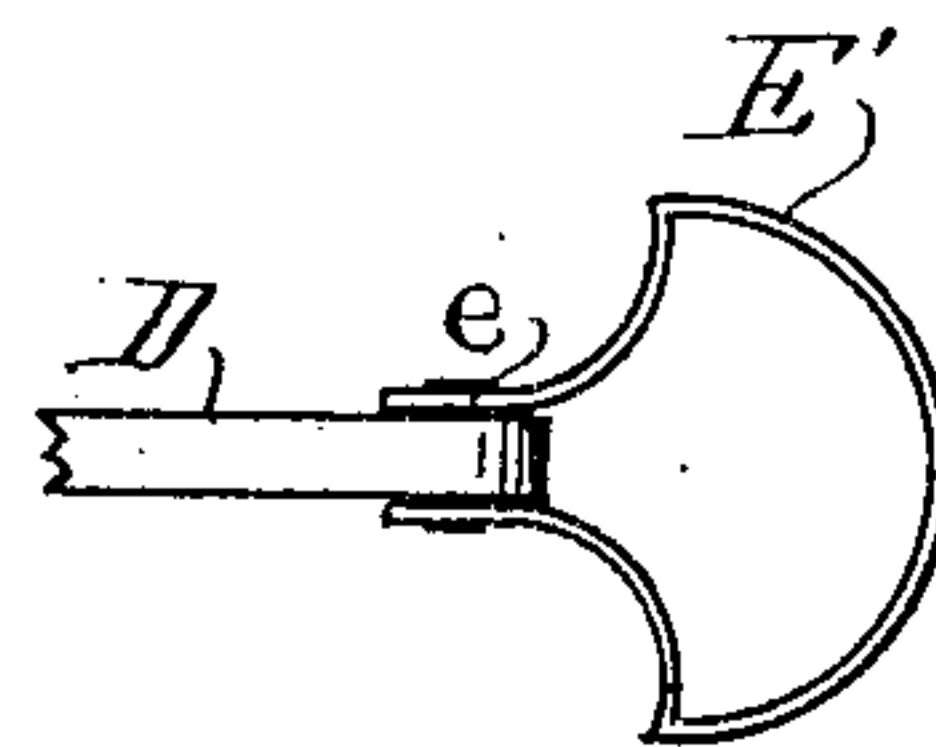


Fig. 4.

Witnesses

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CHARLES B. CORBIN, OF GRAND RAPIDS, MICHIGAN, ASSIGNOR OF ONE-HALF TO CHARLES F. AUPPERLE, OF GRAND RAPIDS, MICHIGAN.

SHOE-FORM.

No. 812,116.

Specification of Letters Patent.

Patented Feb. 6, 1906.

Application filed March 28, 1905. Serial No. 252,581.

To all whom it may concern:

Be it known that I, CHARLES B. CORBIN, a citizen of the United States, residing at Grand Rapids, in the county of Kent and State of Michigan, have invented certain new and useful Improvements in Shoe-Forms, of which the following is a specification.

My invention relates to improvements in shoe-forms for use with patent-leather and other fine shoes; and its objects are, first, to provide a shoe-form that may be easily applied to hold the shoes to form when not in actual wear upon the feet; second, to provide a shoe-form that is light, convenient, and easily handled, and, third, to provide a shoe-form that may be easily adjusted to the various forms of shoes. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a longitudinal section of a shoe with my shoe-form in place. Fig. 2 is a plan of the shoe-form. Fig. 3 is a sectional elevation of the shoe-form on the line *xx* of Fig. 2, showing modified form of connection between the elbow-lever and the form, also a modified form of heel-piece. Fig. 4 is a plan of the modified heel-piece, and Fig. 5 is an end elevation of the form.

Similar letters refer to similar parts throughout the several views.

A represents a longitudinal section of a shoe, and B represents the shoe-form, which is designed to hold the toe of the shoe to proper form. This is made of sheet metal and has a toggle-lever C D arranged to force the form snugly into the toe of the shoe, the arm C of this lever being pivoted to the bearing F and having a slot C', which is provided with serrations *c* for the reception of the pin *d* in the arm D, the arm D being provided with a bearing E for engaging the counter *a* in the heel of the shoe to form a solid resistance, so that when the arms C and D are pressed down to the position indicated by the dotted lines in Fig. 1 the form B will be forced solidly into the toe of the shoe A.

The bearing hereinbefore mentioned as connected with the back end of the arm D may be in the form of a roller E, of a firm bearing E', or of any other available form

that will give the proper bearing against the counter *a*, for the purpose hereinbefore stated. I prefer the use of the rollers or revoluble heel-pieces E, (shown in Figs. 1 and 2,) as with their use I avert the danger of tearing up or marring the inner heel-lining, especially where sheepskin linings are used.

In Fig. 3 I have shown the form B with a bottom or sole plate G, that is pivoted upon a link G', and so connected with the bearing F' that when the arms C and D are pressed down to force the form C into the toe of the shoe the sole-plate will be forced down, as indicated by the dotted lines and will force the form B up more directly against the inner surface of the shoe A than is possible where this plate is not used, thus enabling the operator to adjust the shoe more to its natural form.

The object of placing several serrations in the arm C is to enable the operator to adjust the form to different lengths of shoes.

I design this form to be made of sheet metal of such a nature that it can easily be changed in form to enable the operator to adjust it to various forms of shoes, as wider or narrower toes, &c.

The apertures *g* (shown in Fig. 2) are designed for ventilation, it being found very advantageous to allow air to come in contact with the inner surface of the shoe leather to remove any odor of perspiration that may be left in the shoe after wear and also to render the leather more pliable than it would be if the surface were confined, so that the perspiration must be absorbed by the leather while the form is in place.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

- In a shoe-form, a sheet-metal toe-piece, a sheet-metal sole-piece, a link pivotally attached to the toe-piece and the sole-piece, an adjustable toggle pivotally secured to the link and carrying a heel-piece.

Signed at Grand Rapids, Michigan, March 17, 1905.

CHARLES B. CORBIN.

In presence of—

ITHIEL J. CILLEY,
ANDREW ALLGIER.