

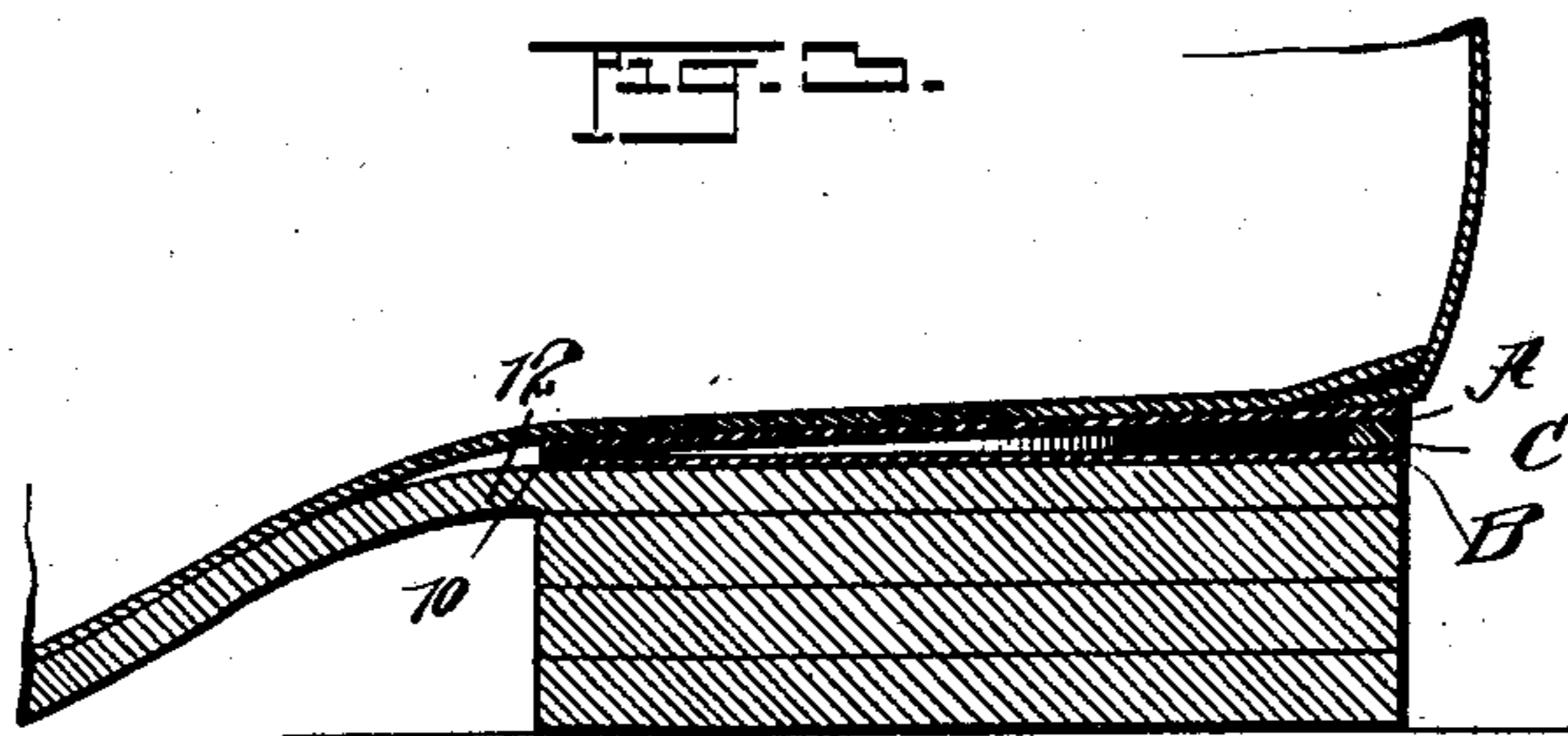
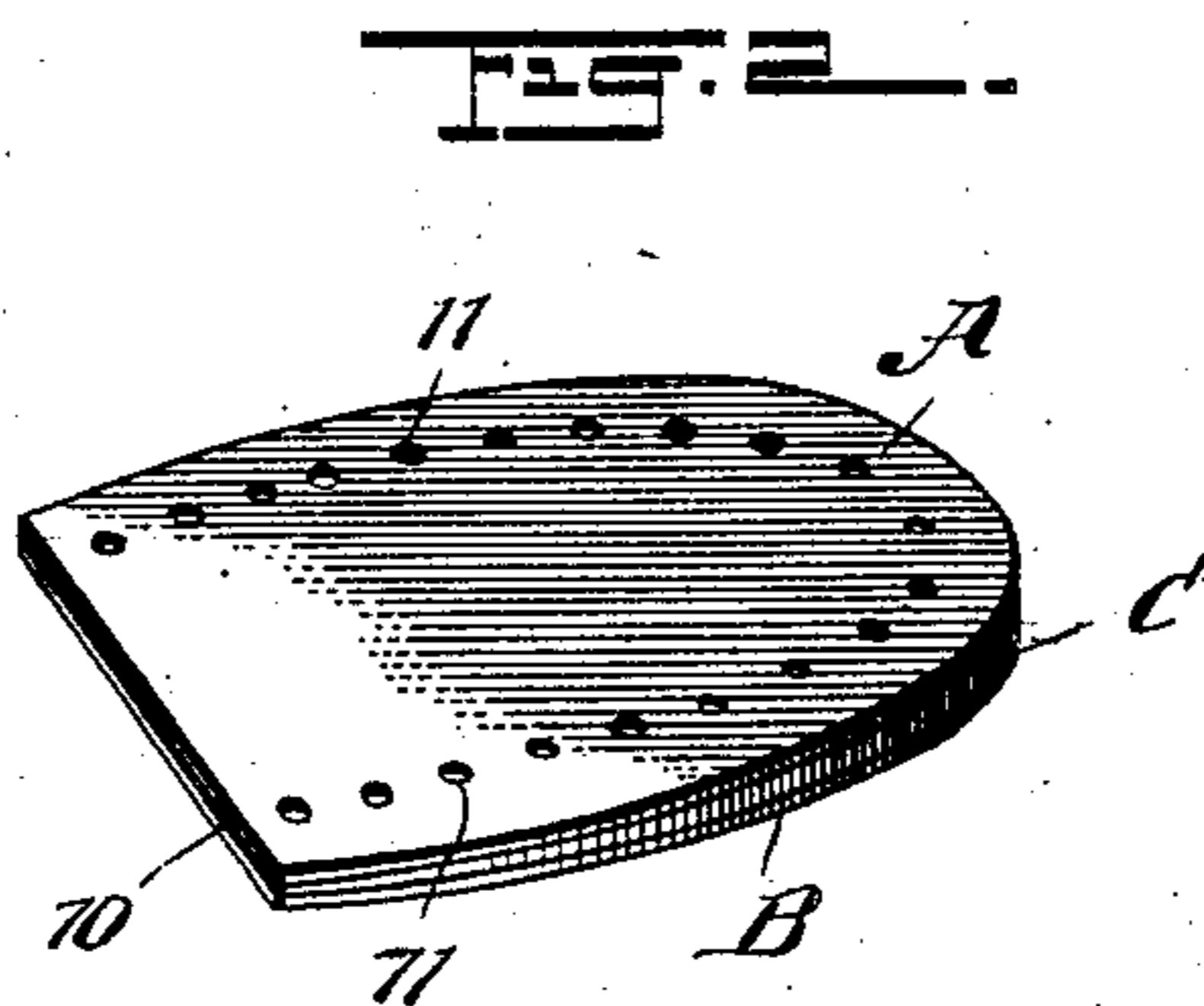
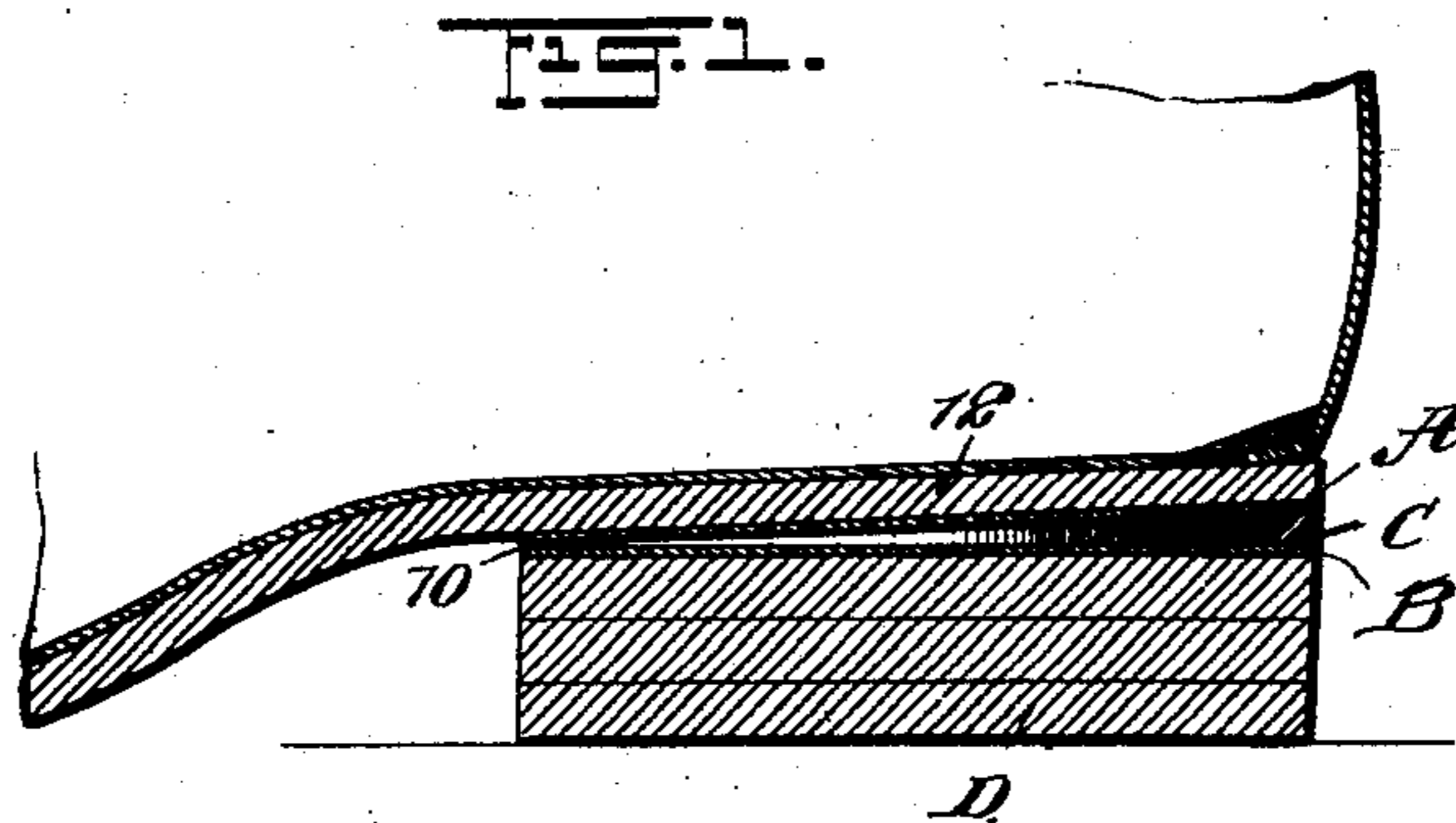
No. 690,779.

Patented Jan. 7, 1902.

L. SCHWARZ.  
CUSHION FOR SHOE HEELS.

(Application filed May 21, 1901.)

(No Model.)



WITNESSES:

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BY

*Mum*

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# UNITED STATES PATENT OFFICE.

LOUIS SCHWARZ, OF JERSEY CITY, NEW JERSEY.

## CUSHION FOR SHOE-HEELS.

SPECIFICATION forming part of Letters Patent No. 690,779, dated January 7, 1902.

Application filed May 21, 1901. Serial No. 61,237. (No model.)

*To all whom it may concern:*

Be it known that I, LOUIS SCHWARZ, a citizen of the United States, and a resident of Jersey City, in the county of Hudson and State of New Jersey, have invented a new and Improved Cushion for Shoe-Heels, of which the following is a full, clear, and exact description.

The purpose of the invention is to provide a cushion for shoe-heels which will be as effective as a rubber heel, but which will enable the lower leather lifts of the heel to come in contact with the ground, and, furthermore, to so construct the cushion that it may rest between the sole and the top lift of the heel or the main and insole.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a longitudinal vertical section through the heel of the shoe and a longitudinal vertical section through the improved and applied cushion. Fig. 2 is a perspective view of the cushion; and Fig. 3 is a longitudinal vertical section through the heel of a shoe and a longitudinal section through the cushion, showing the latter applied between the insole and the main sole.

The improved cushion is preferably made of thin metal and comprises a top plate A, a bottom plate B, and a marginal connecting strip or member C. The top and bottom plates A and B conform in shape to the formation of the ordinary lift of a shoe-heel, and the marginal strip or connecting member C is thickest at its bowed portion or outer side, tapering in direction of its inner ends, so that the space between the top and bottom plates A and B is much deeper at the rear portion of the cushion than at the front. The marginal strip or member C extends to the front portions of the plates A and B only, so that the front edges of these plates are not connected, providing an opening 10 at such point, and the said forward edges of the two plates are therefore free to move to and from each other. The plates A and B are provided with series of apertures 11, through which nails

may be loosely passed, if necessary, for holding the uppermost lift of the heel D in position at the heel portion of the sole relative to the cushion.

The improved cushion may be placed between the uppermost lift of the heel and the bottom heel portion of the sole of the shoe, as shown in Fig. 1; but preferably the said cushion is placed between the insole and the main sole, as shown in Fig. 3.

When a cushion is constructed and applied as above set forth, all the elasticity of a rubber heel is obtained, practically to a more marked extent, and a leather lift will engage with the ground, thus avoiding the noiseless action of rubber brought in direct contact with a surface traveled over. If desired, the upper and lower plate of the cushion may be connected at the front as well as at the back and sides.

Having thus described my invention, I claim as new, and desire to secure by Letters Patent—

1. A cushion for shoe-heels, consisting of thin metal plates arranged one above the other, and a marginal connecting-strip tapering from the back in direction of the front, and deeper at the back than at the front, substantially as described.

2. A cushion for shoe-heels, comprising spaced thin metal plates arranged at an angle to each other, the plates being connected at the sides and rear and open at the front, as described.

3. A cushion for shoe-heels, consisting of thin metal plates arranged one above the other, and a marginal connecting-strip, which connecting-strip is arranged between the plates and extends from the forward edges of the plates along the sides and at the rear, an open space being formed between the said plates at their forward edges, the said connecting-strip being of greatest depth at its rear, tapering in direction of its forward ends, whereby the plates of the cushion are at angles to each other, as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

LOUIS SCHWARZ.

Witnesses:

J. FRED. ACKER,  
JNO. M. RITTER.