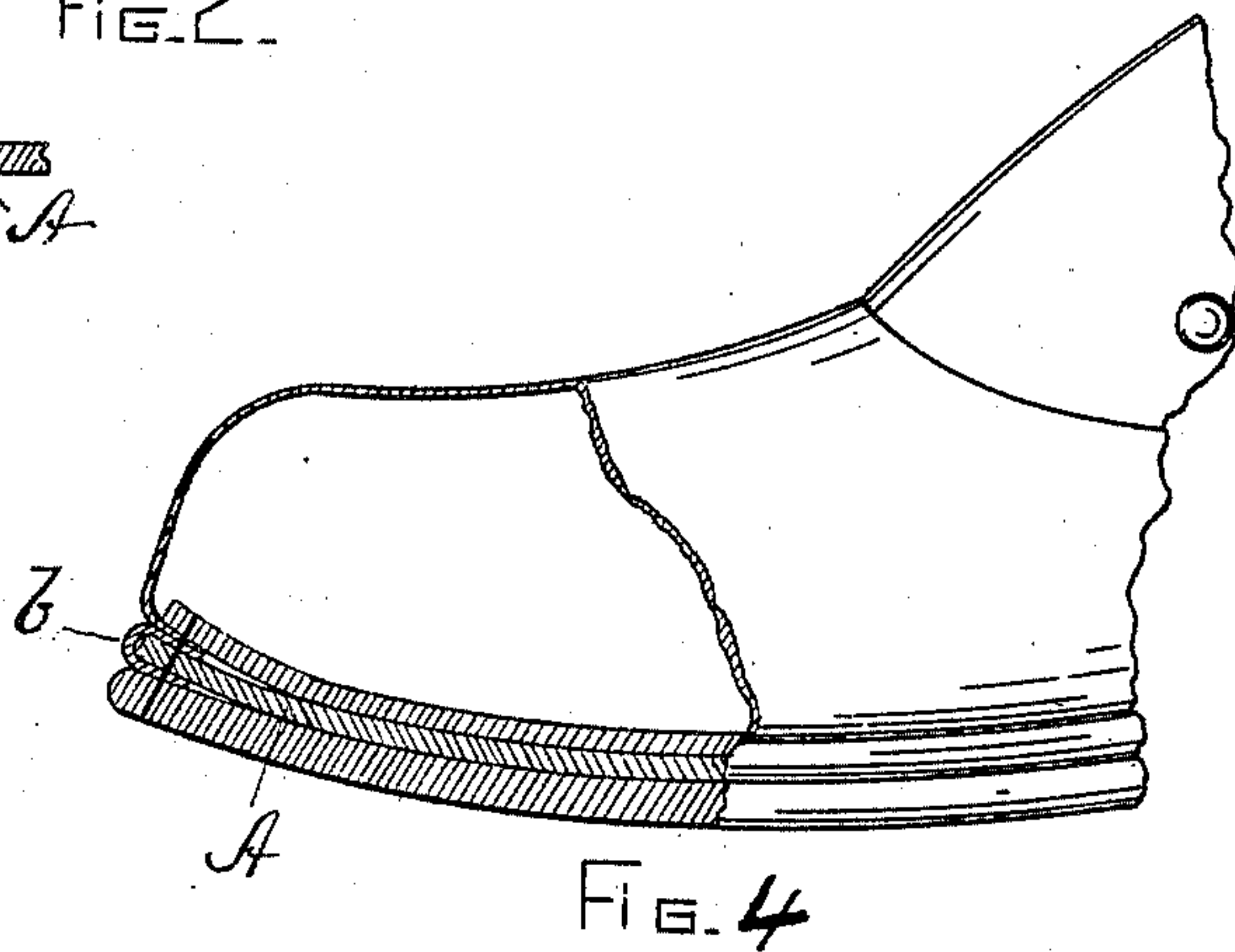
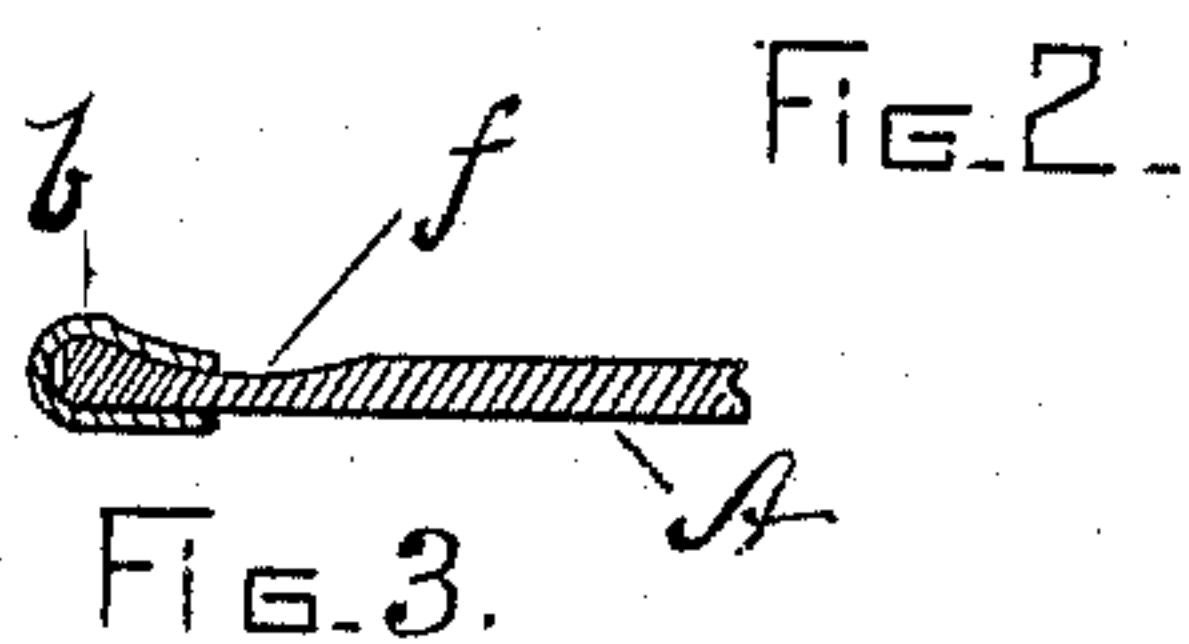
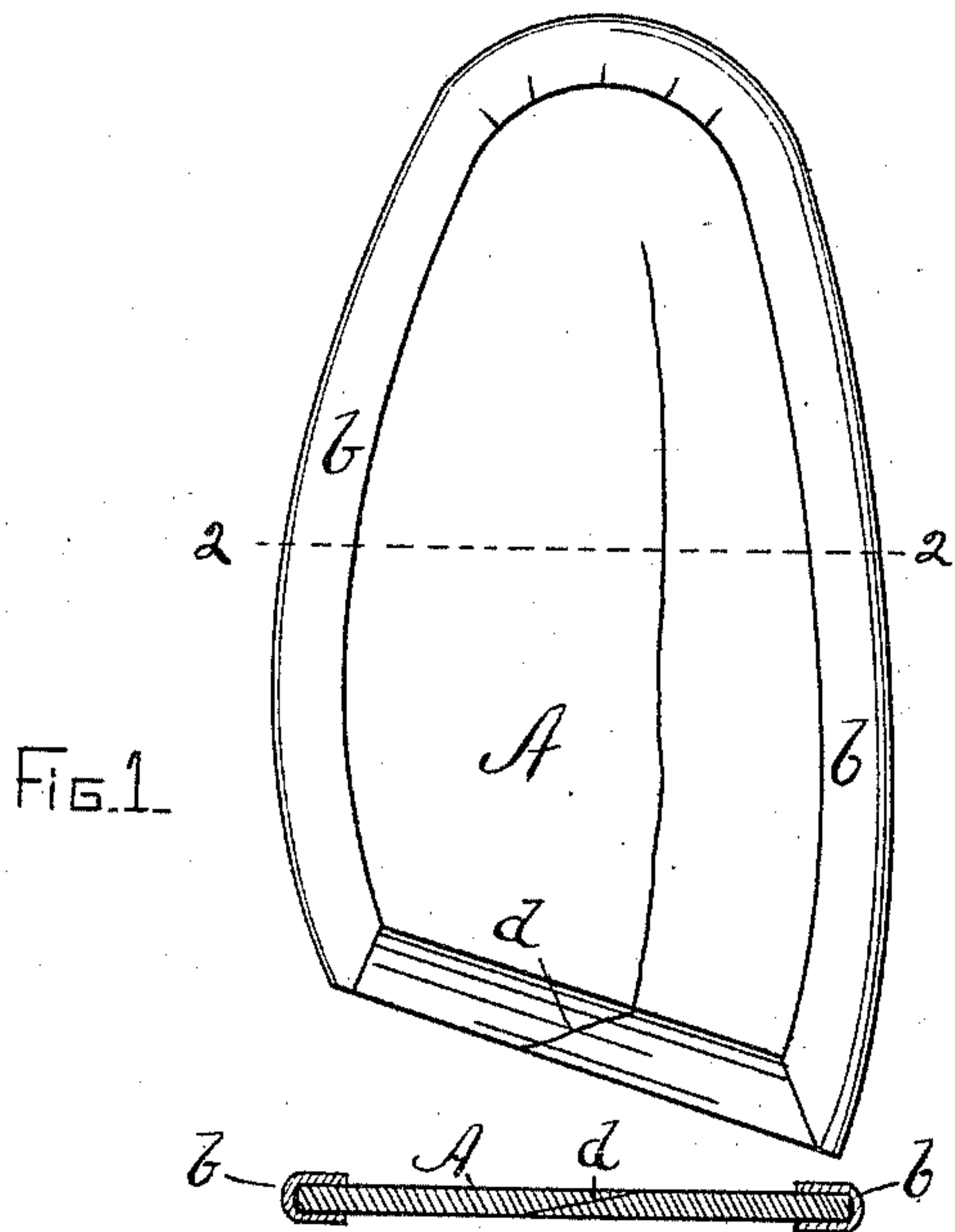


(No Model.)

G. W. DIXON.  
SLIP SOLE FOR BOOTS OR SHOES.

No. 491,731.

Patented Feb. 14, 1893.



WITNESSES.

Arthur F. Randall,  
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INVENTOR.

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by  
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Attorneys

# UNITED STATES PATENT OFFICE.

GEORGE W. DIXON, OF LYNN, ASSIGNOR TO THE AMERICAN SHOE TIP COMPANY, OF BOSTON, MASSACHUSETTS.

## SLIP-SOLE FOR BOOTS OR SHOES.

SPECIFICATION forming part of Letters Patent No. 491,731, dated February 14, 1893.

Application filed December 3, 1891. Serial No. 413,880. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE W. DIXON, a citizen of the United States, residing at Lynn, in the county of Essex and State of Massachusetts, have invented certain new and useful Improvements in Slip-Soles for Boots or Shoes, of which the following is a specification, reference being had therein to the accompanying drawings.

In the manufacture of boots and shoes it has become common to introduce into shoes of certain kinds a cork slip or tap sole, the advantages of which are well-known and need not be specified here. It is desirable that these slip or tap soles be furnished to the shoe manufacturer ready for use in the shoe in order that the work of constructing the shoe may be expedited and expense saved.

My invention has for its object to produce a finished slip or tap sole which may be supplied to the shoe manufacturer and which is ready for use in constructing the shoe, and it consists in a slip sole of peculiar construction bound at the edges with a piece of finished leather so that when it is inserted in the shoe its edge will require no further finish, all as hereinafter set forth.

My invention is shown in the accompanying drawings in which

Figure 1 is a plan view. Fig. 2 is a section on line 2—2 Fig. 1. Fig. 3 is a section of one side of a sole showing a modification. Fig. 4 is a view of a portion of the fore part of a shoe, the toe being shown in vertical section.

My invention is very simple and will be readily understood from the following description.

A represents a slip or tap sole preferably of cork but which may be of any suitable material as leather or leather board. This sole is cut preferably of the exact size and shape required by means of dies or in any well-known manner. After the sole is cut it is bound around the edges as shown at *b* with a strip of finished leather, the kind of leather employed being determined by the character of the shoe. For example, if the shoe be a patent leather shoe this binding may be of patent leather to correspond therewith. Nor is it necessary that leather should be employed for this purpose, as a binding of any other

suitable material might be employed. The binding is preferably secured to the sole *A* by folding it over the edge of the sole and cementing it thereto. As it is sometimes desirable to adjust the slip sole *A* slightly to the width of the shoe I make an oblique or scarfed cut *d* centrally lengthwise of said sole from a point near the toe to the shank end thereof as shown. This allows the sole to be slightly broadened or narrowed by slipping the halves upon each other. In this manner a slight adjustment of the sole so far as width is concerned may be obtained.

The appearance of a line of securing stitches on the edge of the cork sole such as sometimes appears in a hand made shoe may be obtained by running a line of stitches centrally lengthwise of the strip *b* before the strip is applied to the sole *A*. When the strip is secured to the sole these stitches show around the edge thereof and they also appear in the finished shoe.

In Fig. 3 I have shown a modification of my slip sole which consists in forming a broad and shallow channel or trough such as is shown at *f* around the slip sole *A* just inside the curved or outer edge thereof before the binding is applied thereto. This produces a sole which is thicker at the edge than inside the edge and the thickened edge serves as a protection to that portion of the upper which is adjacent thereto in the shoe.

What I claim as my invention is:—

1. A slip sole for boots or shoes having its edge bound with a piece of finished material and having a lengthwise scarfed slit or space whereby the sole may be varied in width, substantially as set forth.

2. A slip sole for boots or shoes having a broad and shallow channel *f* inside the edge thereof and extending completely around the curved or outer edge thereof, and having such edge bound with a piece of finished leather, substantially as and for the purposes set forth.

In testimony whereof I affix my signature in presence of two witnesses.

GEO. W. DIXON.

Witnesses:

WM. A. MACLEOD,  
ROBERT WALLACE.