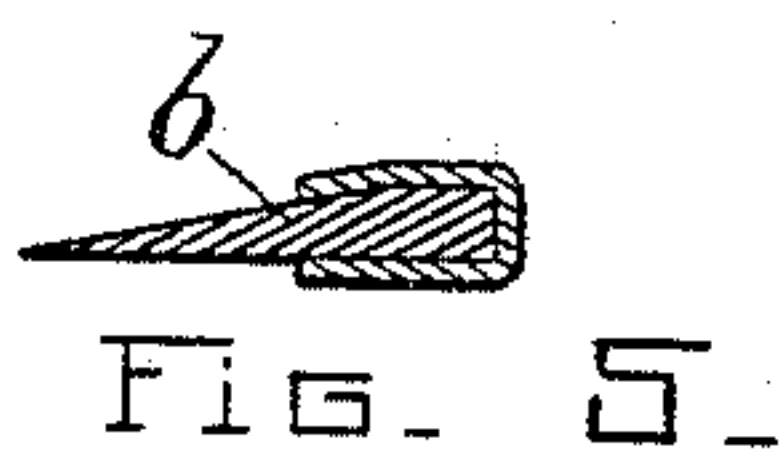
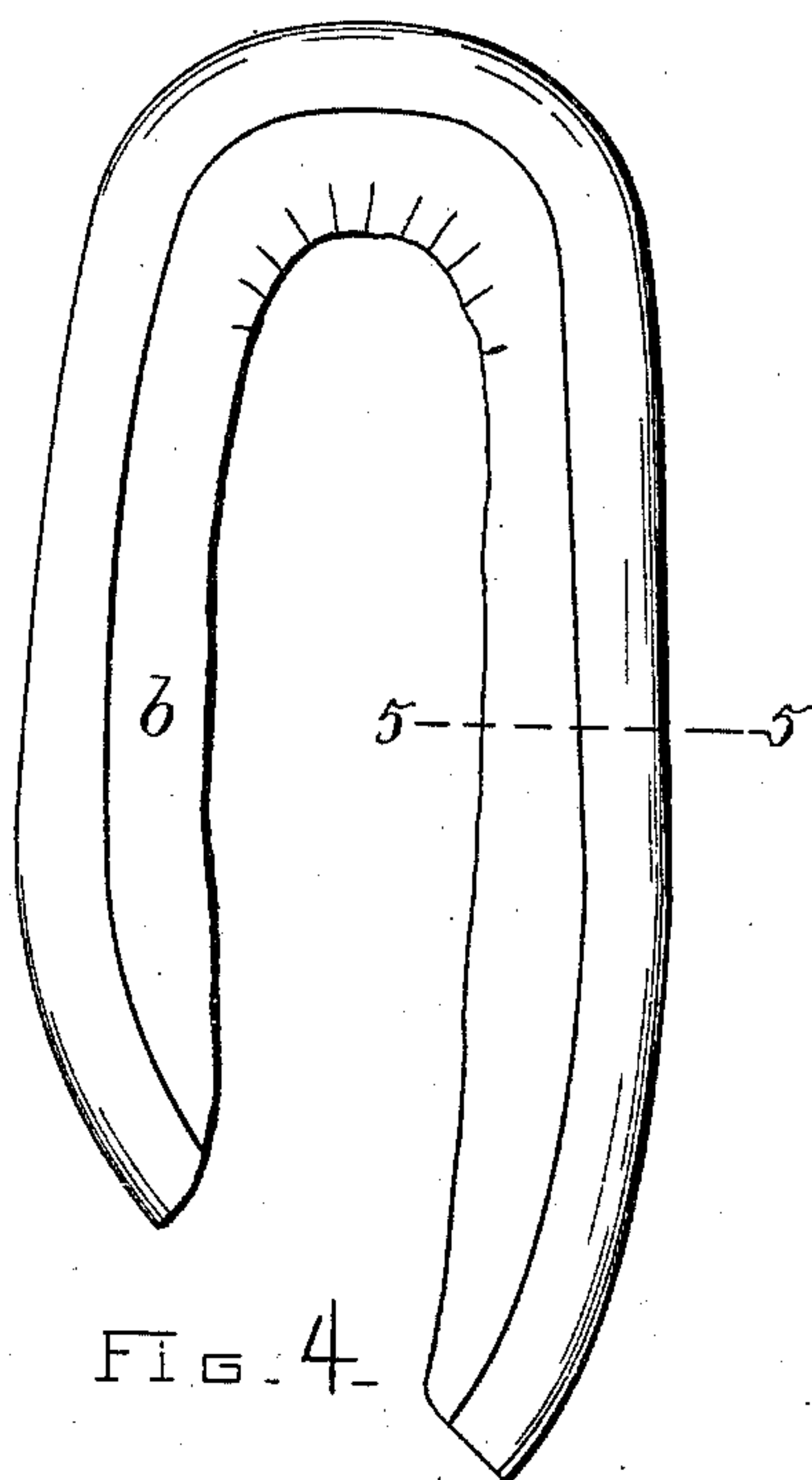
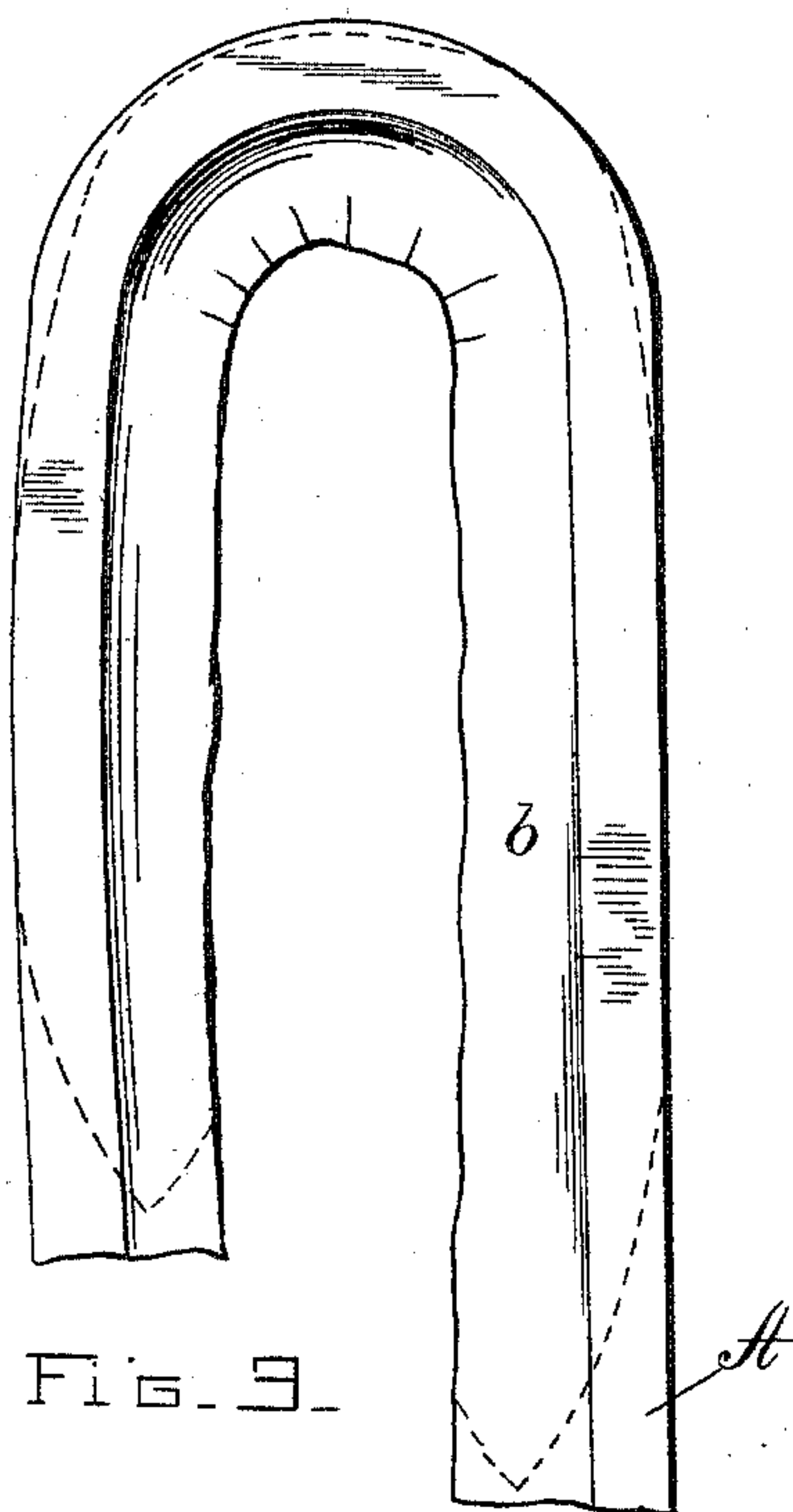
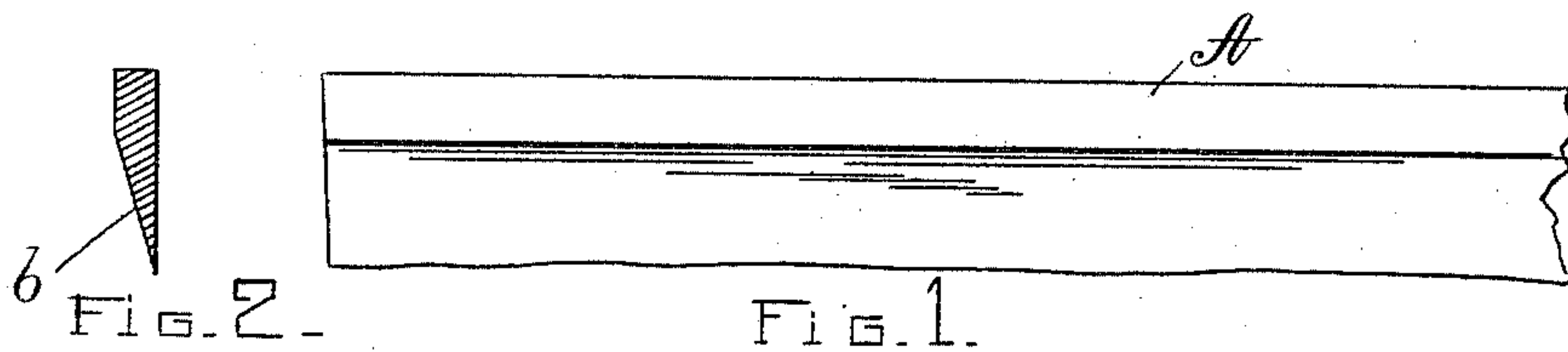


(No Model.)

G. W. DIXON.  
PROCESS OF MAKING IMITATION SOLES.

No. 491,732.

Patented Feb. 14, 1893.



WITNESSES—  
Arthur F. Randall.  
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his Attys.

# UNITED STATES PATENT OFFICE.

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

## PROCESS OF MAKING IMITATION SOLES.

SPECIFICATION forming part of Letters Patent No. 491,732, dated February 14, 1893.

Application filed March 18, 1892. Serial No. 425,382. (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 Imitation Soles, of which the following is a specification, reference being had therein to the accompanying drawings.

10 In the manufacture of boots and shoes it has become desirable to construct a boot or shoe which has the outward appearance of having a cork sole, but which is in fact only an imitation cork sole and may therefore be  
15 made at less expense than a shoe having a cork sole. If the part which is inserted in the shoe to produce an imitation cork sole is furnished to the manufacturer ready to be inserted in the shoe and of the exact size and  
20 shape required, expense will be saved and the time of the workmen will not be consumed in fitting or adjusting the parts when the shoe is constructed.

My invention has for its object to produce  
25 a finished imitation slip or tap sole which may be supplied to the shoe manufacturer ready for use in constructing a boot or shoe and it consists in the improved process hereinafter set forth and claimed whereby an imitation  
30 slip or tap sole is made from a strip of leather the said strip being molded into the general contour of the fore-part of the sole and then cut by means of a die to the exact shape required, after which the edge of the strip or  
35 imitation sole is bound or covered with a piece of finished leather so that when the imitation sole is used it will require no further finish, all as hereinafter set forth.

My invention is shown in the accompanying drawings, in which

40 Figure 1 is a plan view broken away, and Fig. 2 a cross section, of the strip of leather which is employed in the manufacture of the imitation slip or tap sole. Fig. 3 is a plan  
45 view of the same piece of leather after it has been bent and molded to the general contour of the fore part of a sole. The dotted lines thereon indicate the shape of the piece after it has been died out or cut to the exact form  
50 required. Fig. 4 is a plan view, showing the piece which is indicated by the dotted lines

Fig. 3, after it has been bound around the edge with a piece of finished material. Fig. 5 is a section on line 5—5 Fig. 4.

The invention is simple and will be readily  
55 understood from the following description in which reference is made to the accompanying drawings.

A is a strip of leather preferably skived along one edge as shown at b Fig. 2. This  
60 strip of leather is passed through a suitable machine and formed or molded to the general contour of a tap sole as is shown by the full lines Fig. 3. If the piece of leather were bound around the edge with finished material  
65 when in the shape shown by full lines Fig. 3 and without dieing it out to the exact shape required, it would not fit the shoe accurately and would require a considerable expenditure of time and labor in fitting it to the shoe, when  
70 the shoe is constructed. To avoid this, the strip of leather which has been molded into the shape shown by full lines Fig. 3 is died out to the shape shown by dotted lines Fig. 3 by the use of a die or cutter, of the exact shape  
75 required. In this way it may be given the exact contour of the sole and will accurately fit the shoe for which it is designed without the necessity of any special fitting by the workman in constructing the shoe. After the piece  
80 has been thus died out it is bound with a piece of finished material of the proper kind, depending upon the shoe in which it is to be used, and is then ready for use. I do not deem it essential that the strip A should be  
85 skived but a skived strip is, in my opinion, preferable.

What I claim is:—

The process of making an imitation slip or tap sole from a strip of leather consisting in  
90 first molding the strip to the general shape of a slip or tap sole, then dieing it out to the exact contour required, and then binding the edge with a piece of finished material, substantially as shown and described. 95

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

GEORGE W. DIXON.

Witnesses:

WM. A. MACLEOD,  
ROBERT WALLACE.