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I. A. BERNSTEIN

2,022,455

SLIPPER AND SHOE

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Fig. 1.

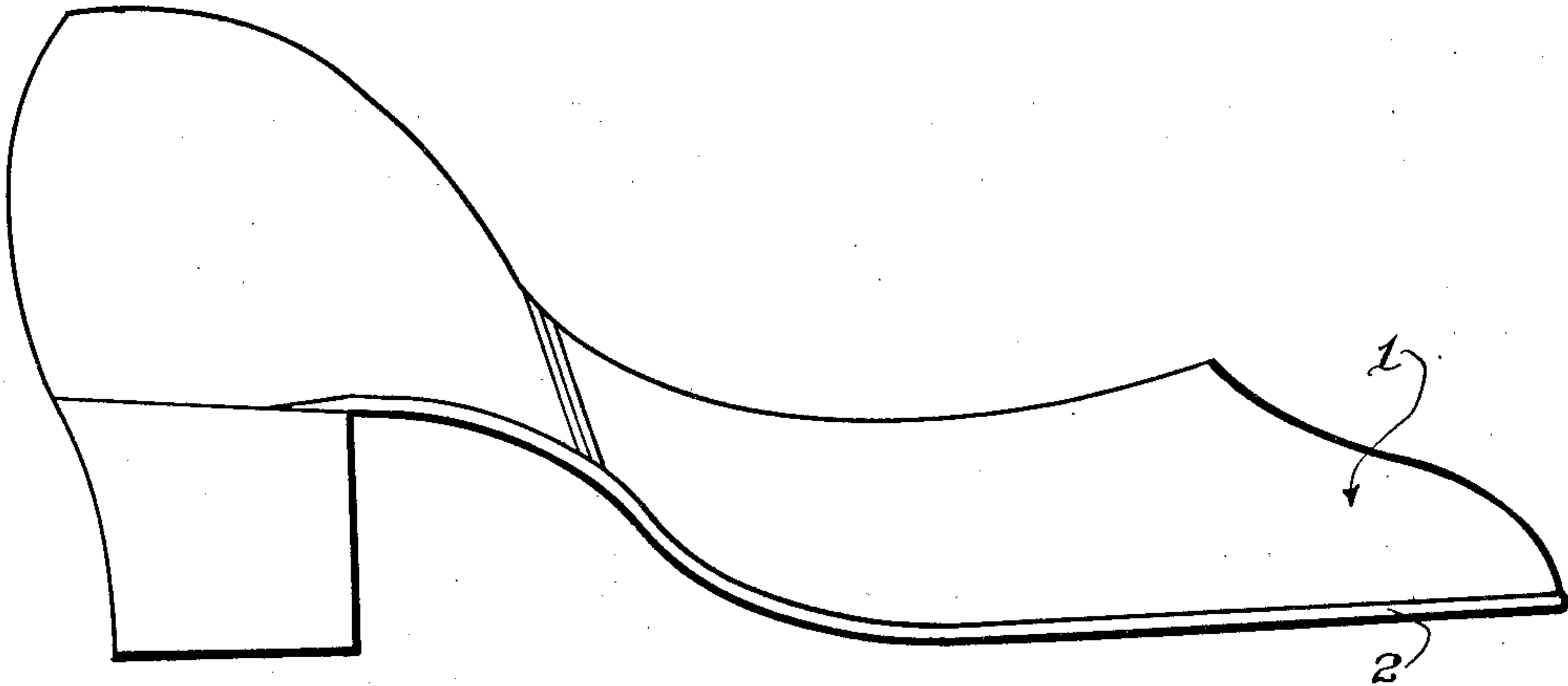


Fig. 2.

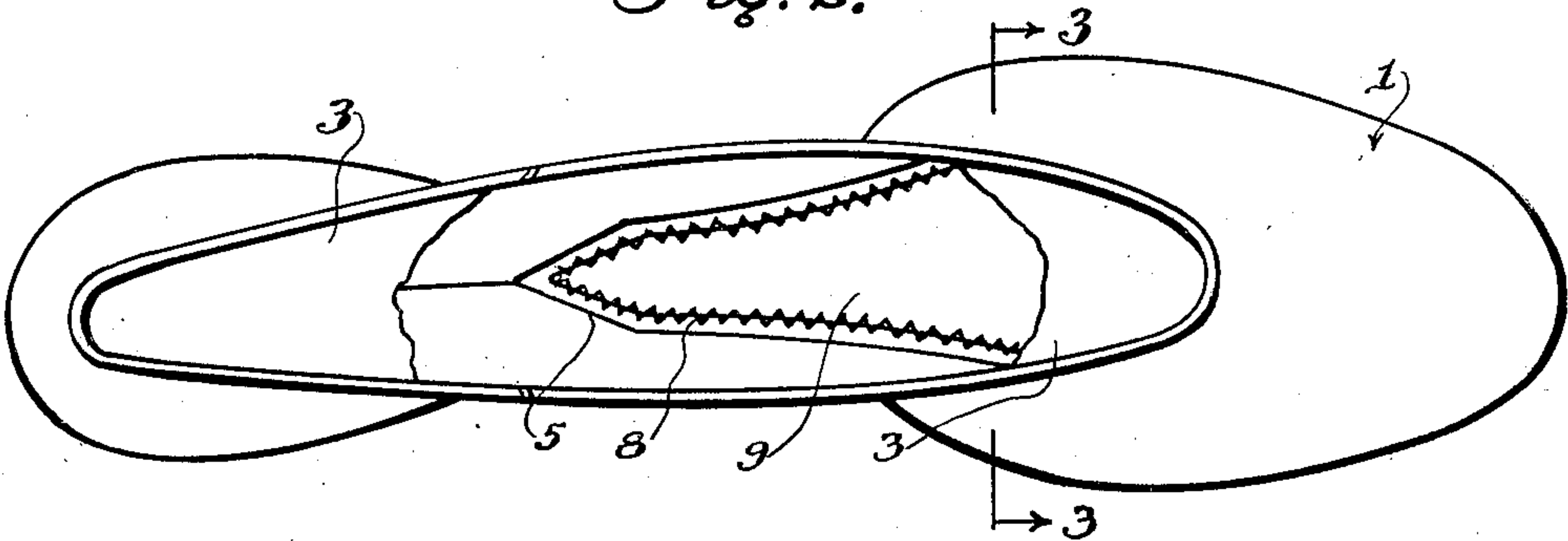


Fig. 3.

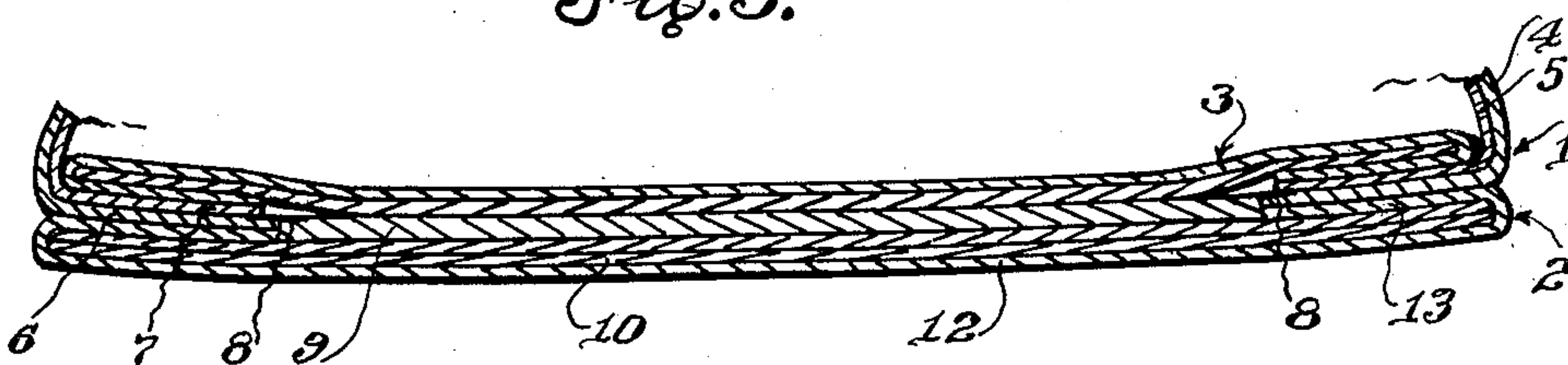


Fig. 4.

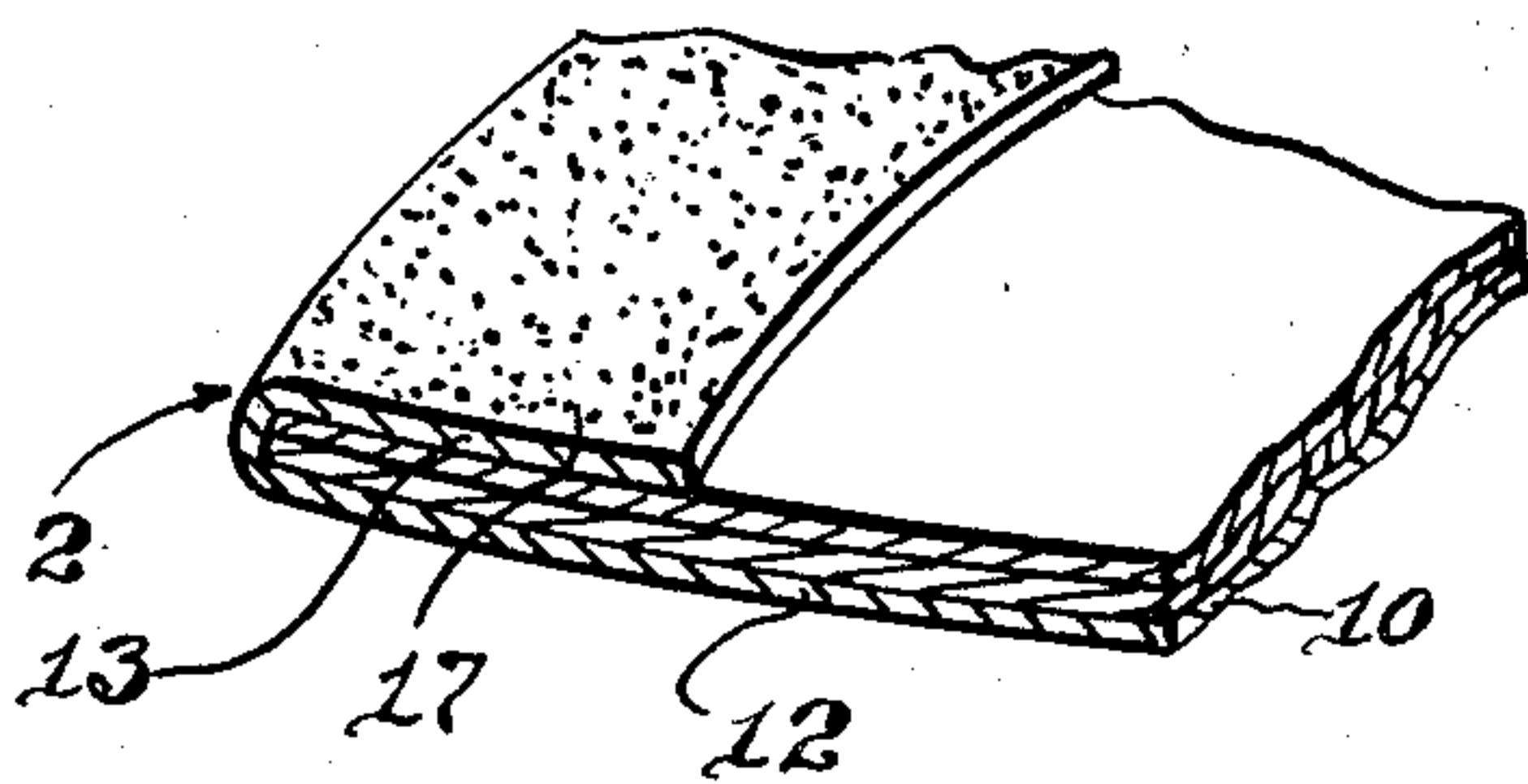
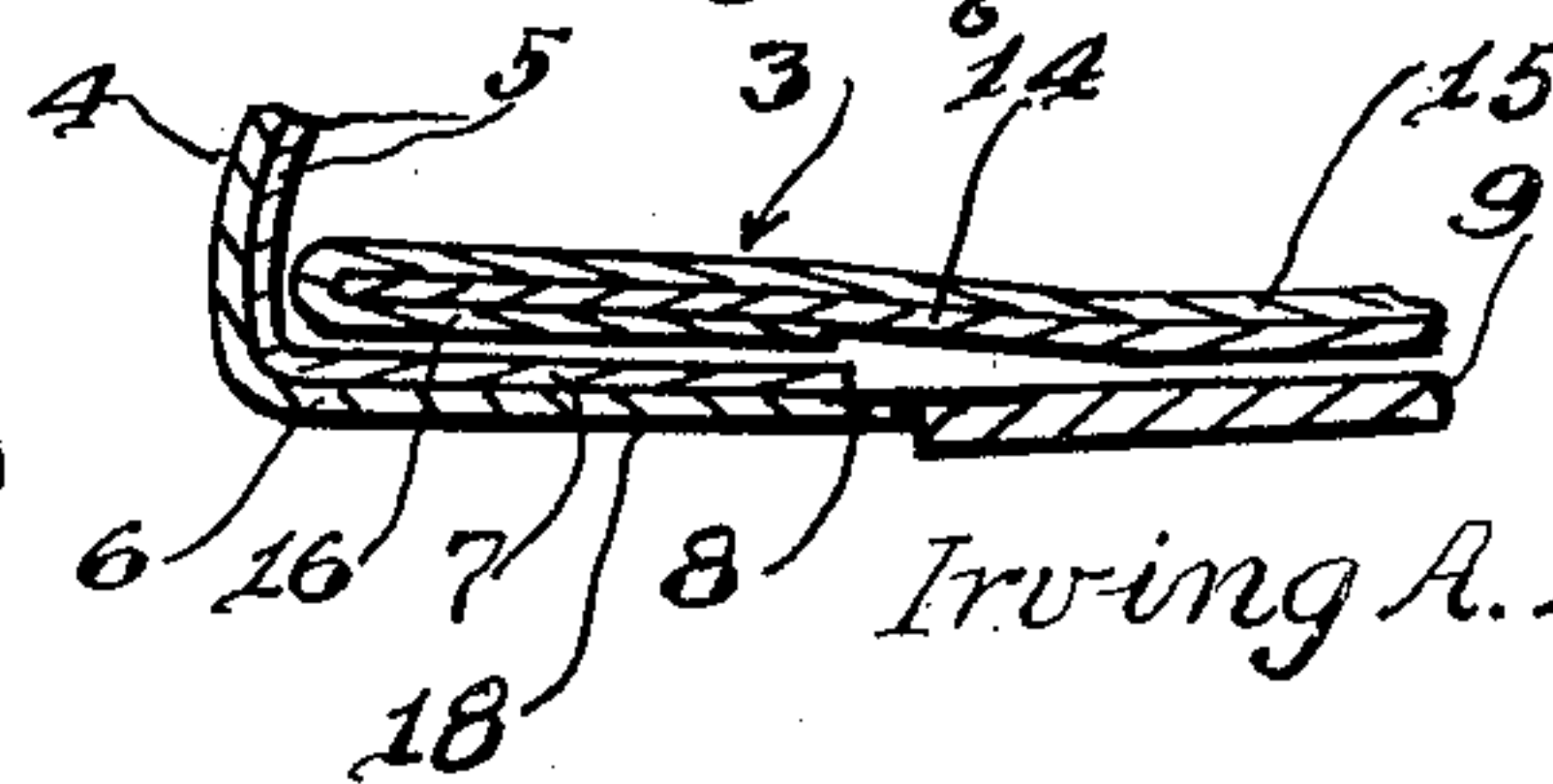


Fig. 5.



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UNITED STATES PATENT OFFICE

2,022,455

SLIPPER AND SHOE

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Application October 10, 1934, Serial No. 747,781

1 Claim. (Cl. 36—12)

This invention relates to slippers and shoes and more particularly to a method of attaching the sole to the shoe upper.

5 The main object of the invention is to provide a shoe having a sole made of soft material and attached to the upper with cement thus eliminating all stitching or nailing.

10 Another object of the invention is to reduce the cost of manufacture and improve the appearance of the shoes and slippers.

A further object of the invention is to provide a shoe with a soft cushion sole construction and having the outward appearance of a shoe with an ordinary solid hard sole.

15 Other objects will appear as the disclosure progresses. The drawing is intended to merely indicate a possible embodiment of the invention. It is therefore not intended to limit the invention to the embodiment illustrated but rather to define such limits in the appended claim.

In the drawing:

Figure 1 is a side elevation of the shoe.

Figure 2 is a top view thereof.

Figure 3 is a section on line 3—3 of Figure 2.

25 Figure 4 is a perspective view of a section of the sole.

Figure 5 is a sectional detail of the shoe with the sole removed.

30 Referring now to the drawing in detail, numeral 1 designates the shoe upper, 2 the sole and 3 the inner cushion. The upper comprises an outer covering 4 of soft leather and an inner lining 5 of textile material glued together at the inturned edges 6 and 7. Sewed to the edges 6 of the leather covering 4 by the row of stitches 8 is a cardboard pad 9.

35 The sole 2 consists of a relative stiff foundation made of a piece of cardboard 10 or other suitable material and covered at the outer surface with a

soft leather covering 12 of the same material as the upper or any other suitable substance. The covering is glued to the bottom face of the piece of cardboard 10 with the edges thereof turned over as at 13 and glued in place.

5 The cushion 3 comprises a cardboard foundation 14 and covered with a textile lining 15. The edges of the lining are turned in as at 16 and adhesively fastened to the cardboard.

10 The sole is attached in place not by the usual method of sewing or nailing but by the aid of an adhesive. The adhesive is applied to the upper surface 17 of the sole or to the bottom surface 18 of the inturned edge 6 of the upper and the cooperating parts cohesively brought together by 15 suitable pressure thus making practically one unitary structure of the sole and upper so that they will not separate under ordinary wear.

20 It will thus be seen that I have provided an efficient and labor saving method of attaching a sole to shoes, slippers or the like without the use of nails or stitching. The shoe made according to this method has the appearance of the usual solid hard sole shoe construction with the advantage of a soft built up sole which is comfortable 25 to the wearer and pleasing in appearance.

Having described my invention, I claim:

30 In a shoe of the class described, an upper having edges inturned beneath and secured to an insole, a soft sole comprising a cardboard foundation and covered at the bottom with soft leather, the edges of said leather being turned in at the top of said cardboard foundation, the inturned edges of said upper and the inturned edges of said sole being adhesively attached to each other, and 35 a relatively thick cardboard pad filling the spaces bounded by said insole, sole and inturned edges.

IRVING A. BERNSTEIN.