

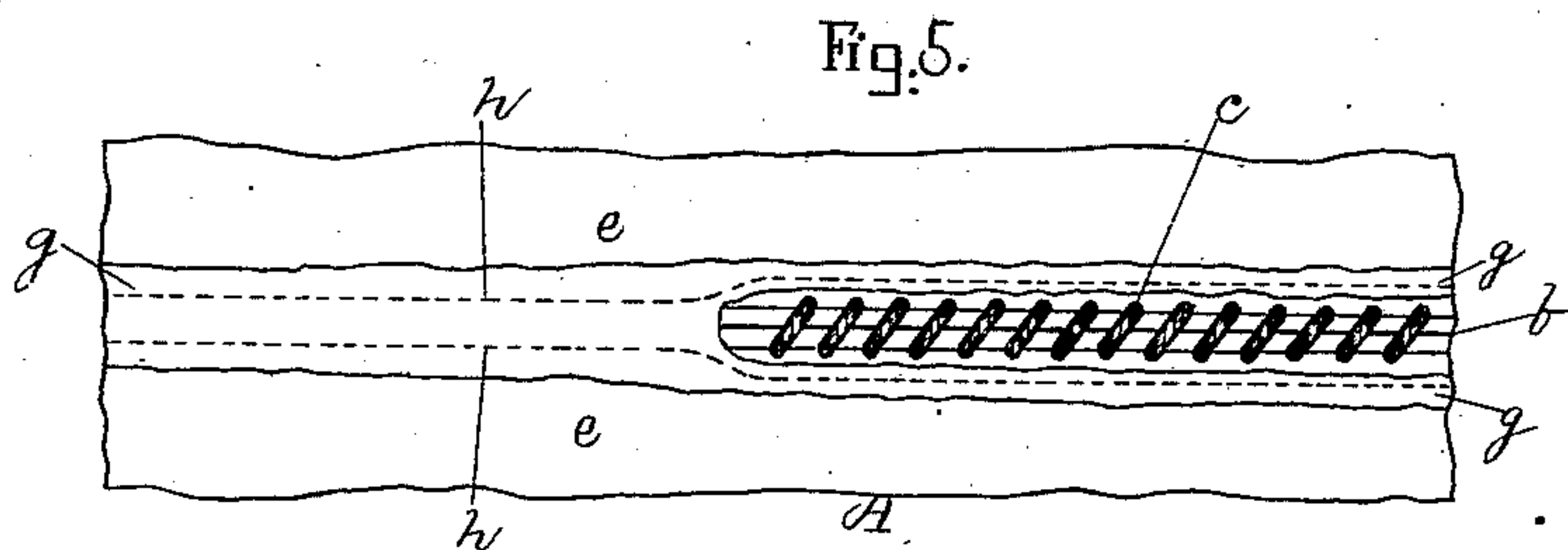
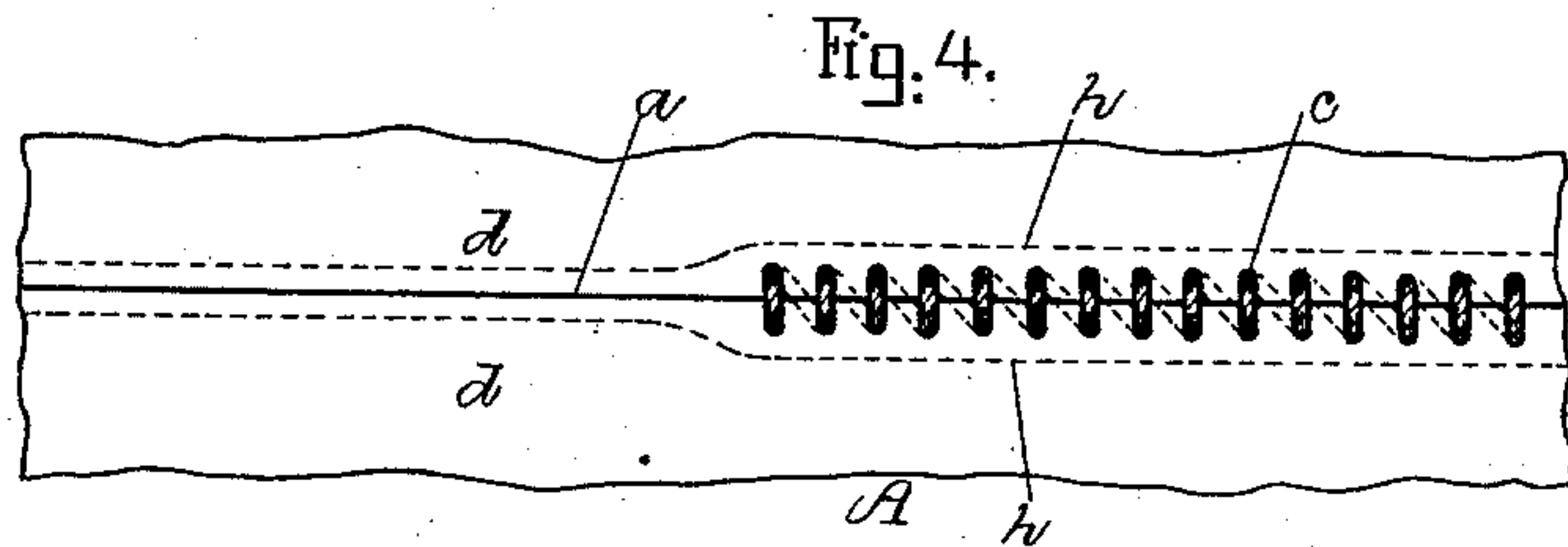
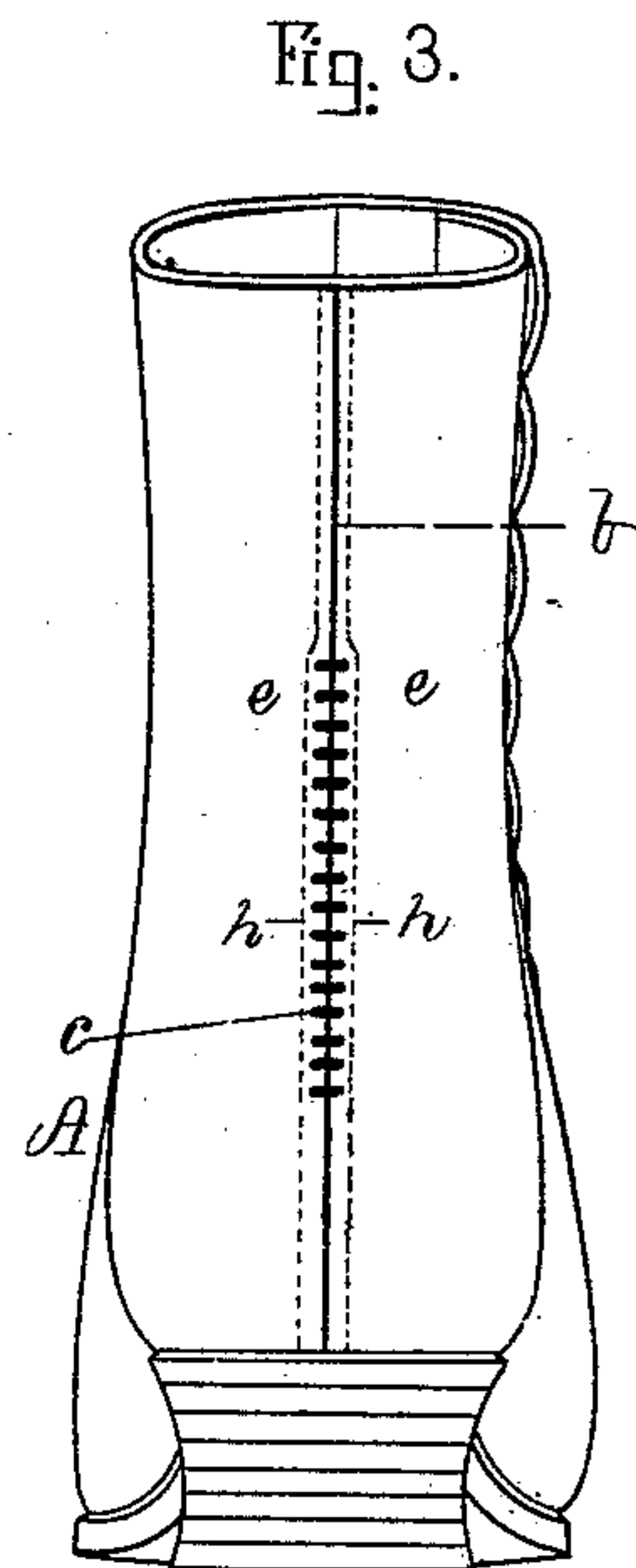
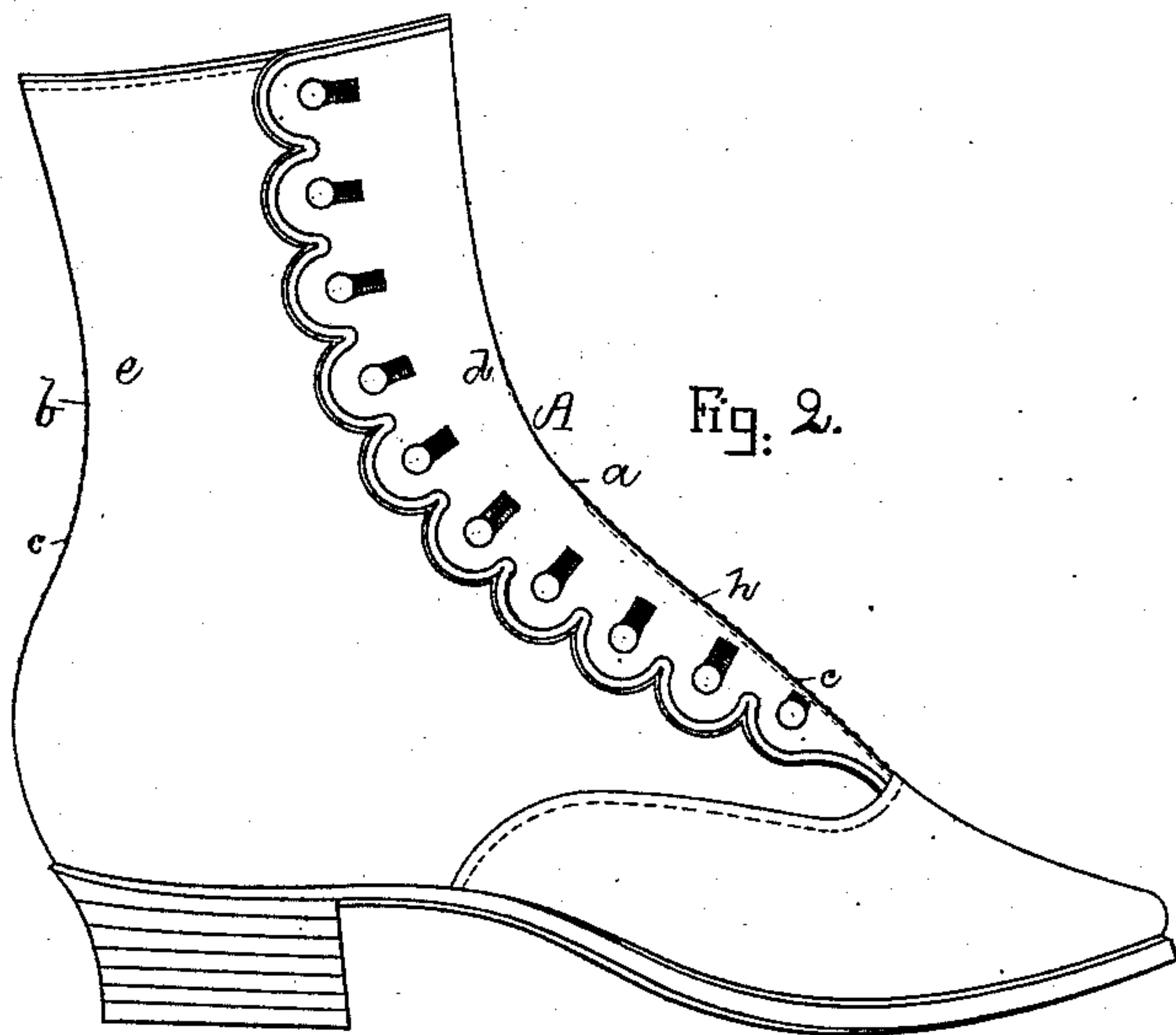
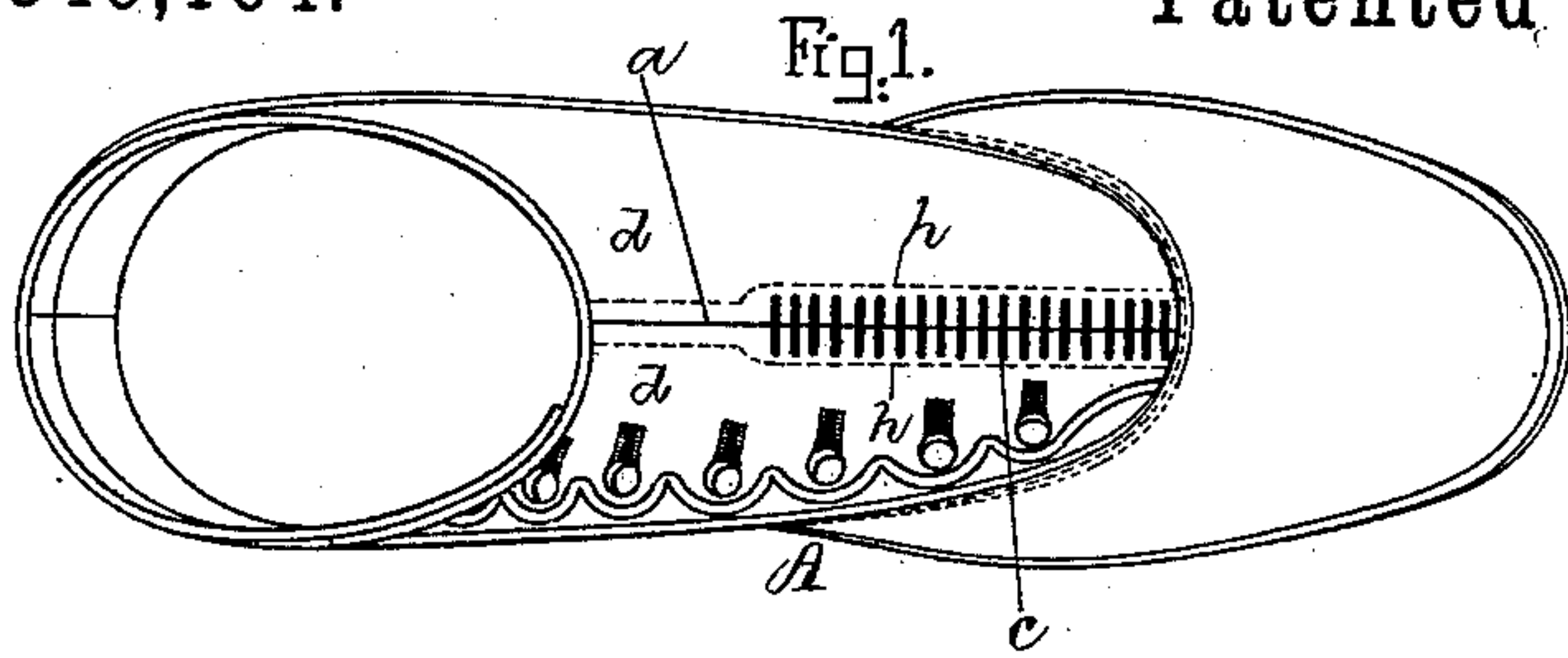
(No Model.)

G. A. LANGMAID.

SHOE OR GAITER BOOT.

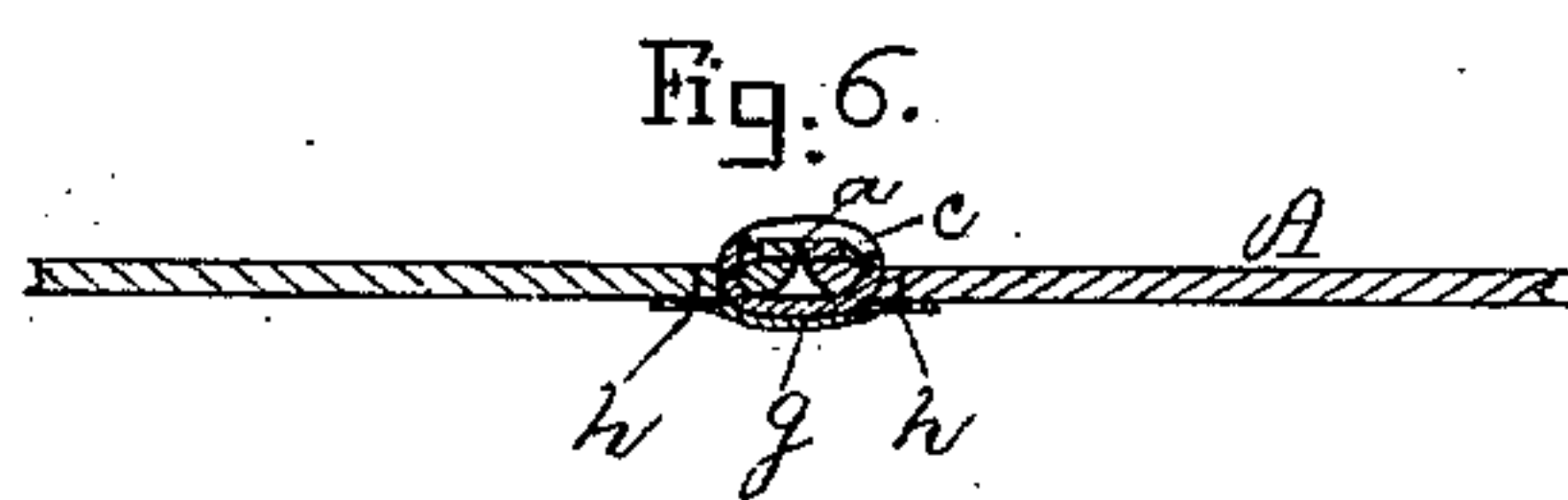
No. 349,164.

Patented Sept. 14, 1886.



Witnesses.

S. N. Piper.
R. B. Torrey



Inventor.

Geo. A. Langmaid.
by R. M. Eddy atty

UNITED STATES PATENT OFFICE.

GEORGE AUGUSTUS LANGMAID, OF PORTSMOUTH, NEW HAMPSHIRE, AS-
SIGNOR, BY MESNE ASSIGNMENTS, TO GEORGE A. LANGMAID AND
CHARLES E. LANGMAID, OF MIDDLEBOROUGH, MASSACHUSETTS.

SHOE OR GAITER-BOOT.

SPECIFICATION forming part of Letters Patent No. 349,164, dated September 14, 1886.

Application filed January 13, 1886. Serial No. 188,429. (No model.)

To all whom it may concern:

Be it known that I, GEORGE AUGUSTUS LANGMAID, of Portsmouth, in the county of Rockingham, of the State of New Hampshire, have invented a new and useful Improvement in Shoes or Gaiter-Boots; and I do hereby declare the same to be described in the following specification, and represented in the accompanying drawings, of which—

Figure 1 is a top view, Fig. 2 a side elevation, and Fig. 3 a rear view, of a "button-boot" provided with my invention, the nature of which is defined in the claim hereinafter presented. Fig. 4 is an outer side view, Fig. 5 an inner side view, and Fig. 6 a transverse section, on an enlarged scale, of a portion of the instep and leg parts of the "upper" of a lady's boot with my invention applied thereto.

The improvement is not only to ornament the shoe or boot, but to re-enforce or strengthen it in its instep and back seam, where it is most liable to break away or rip while in wear.

After the two pieces to be seamed have been laid together, one flatwise on the other and edge over edge, and connected by stitching going through them close to their two next adjacent edges, there is made through both of them, parallel to and back of the line of stitches, a line or range of holes at equal distances apart. Next there is laced, with what is termed an "over-and-over stitch," through the said holes and across the next adjacent edges of the two pieces, a cord. This having been done, the two pieces are to be drawn out into one plane, or thereabout, with each other, and the seam is to be rubbed down, after which such seam, on its inner side, is to be covered by a narrow lining, fillet, or band of cloth, which is to be stitched to the two pieces by rows of stitching going through them on opposite sides of the lacing and seam.

In the drawings, A represents the shoe up-

per, *a* being the instep and leg front seam and *b* the back seam, while the re-enforce or lacing of each is shown at *c*, it extending up the instep, and also sufficiently about the back seam where it is liable to become ripped.

The two instep-pieces of the upper stitched together are represented at *d d*, the two leg portions connected by the back-seam stitching being shown at *e e*.

The re-enforce or lacing is exhibited at *c*, the lining of it and the seam being shown at *g* as covering the re-enforce, and the edges of the seamed parts crossed by such re-enforce, such lining being connected to such parts by ranges, *h h*, of stitches arranged as stated.

I am aware of United States Patent No. 203,300, wherein is a shoe having an extra lacing at the back seam wholly inside the shoe, such lacing extending the whole length of the seam, and such shoe also having a stay-piece on the outside extending the whole length of the seam. My device is very different from this. The lacing passes through the material of the shoe and shows outside. On the inside there is a simple lining to protect the foot from the lacing; also, the lacing does not extend the whole length of the seam, as for the purpose of my invention this is not necessary. Such, also, is my construction when applied to the front of the shoe.

Having described my invention, what I claim is—

A shoe or gaiter having for a portion of its front seam a lacing in addition to the ordinary stitching, such lacing extending through the material of the shoe, which has a lining inside extending the length of the lacing, as set forth.

GEORGE AUGUSTUS LANGMAID.

Witnesses:

WILLIAM H. HACKETT,
FRANK E. MASON.