

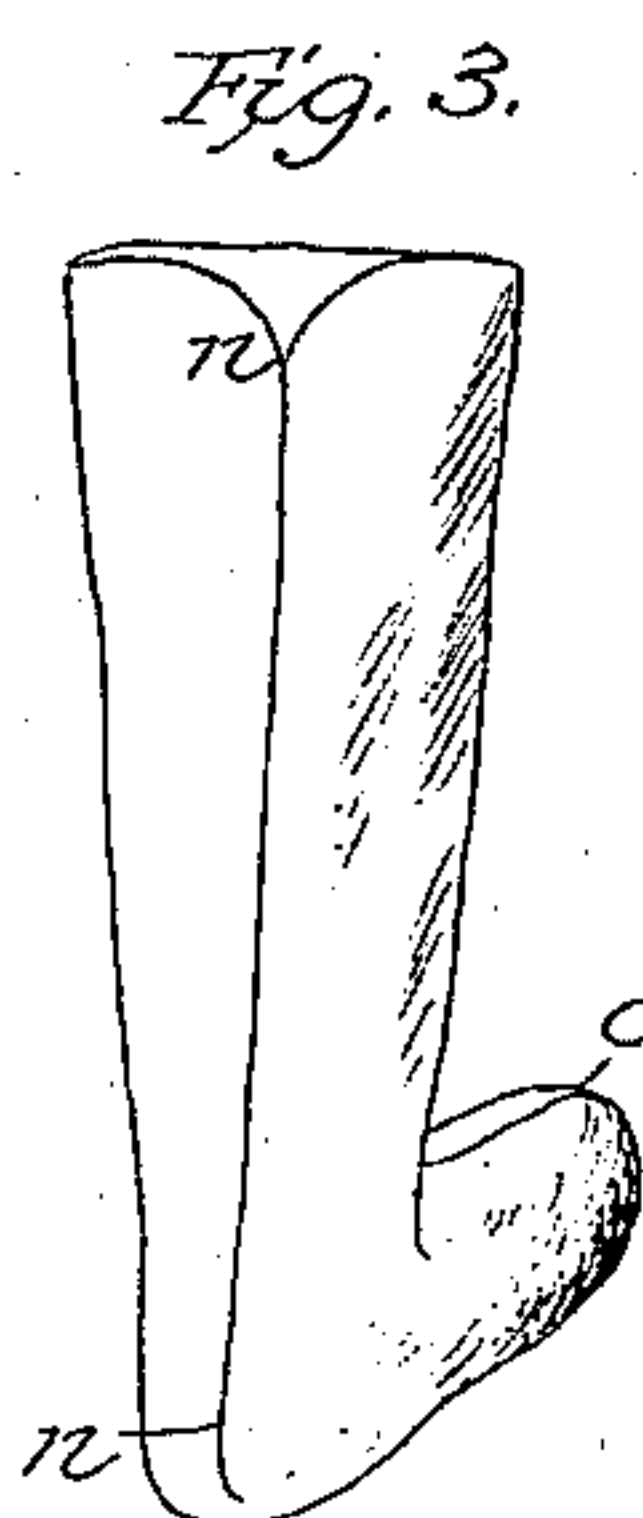
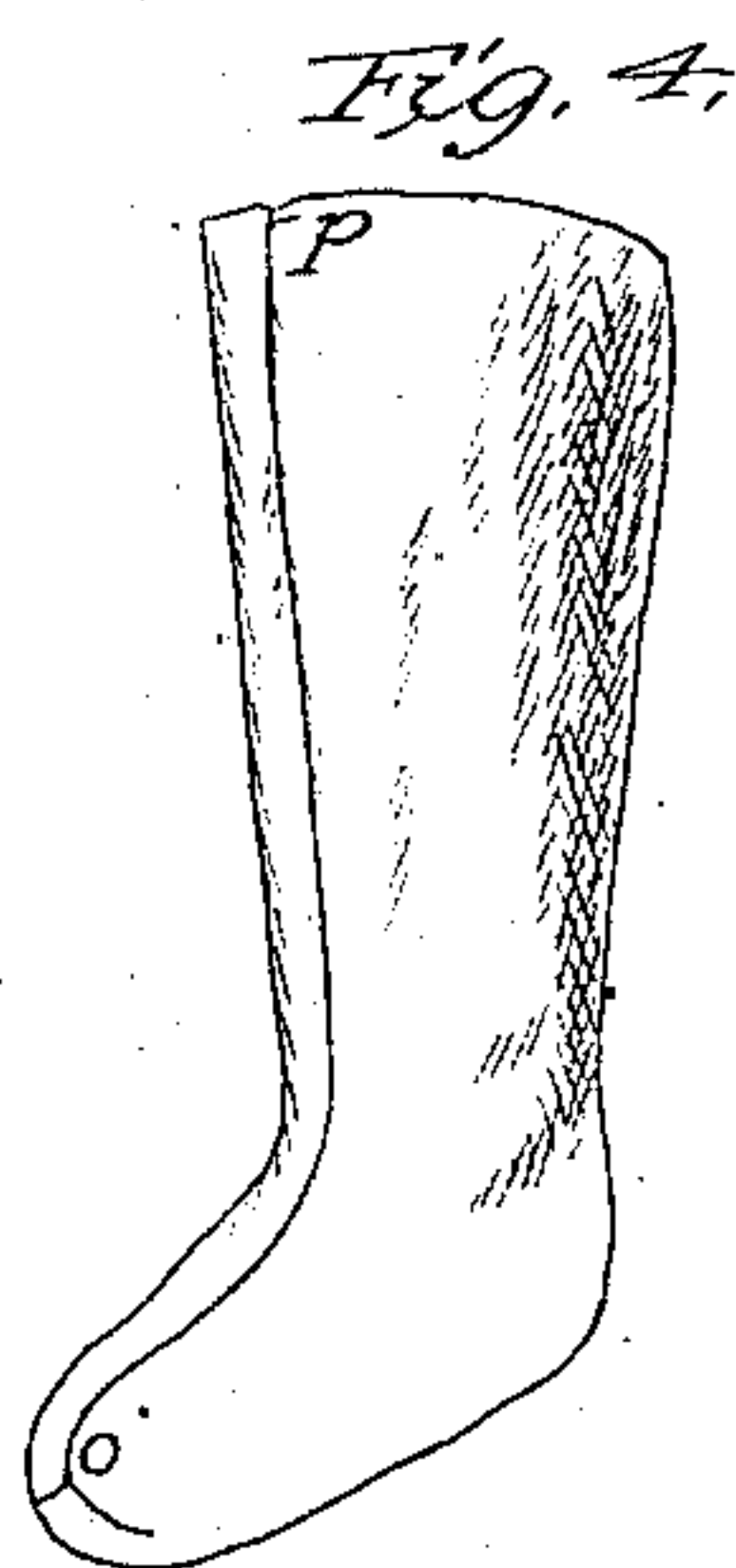
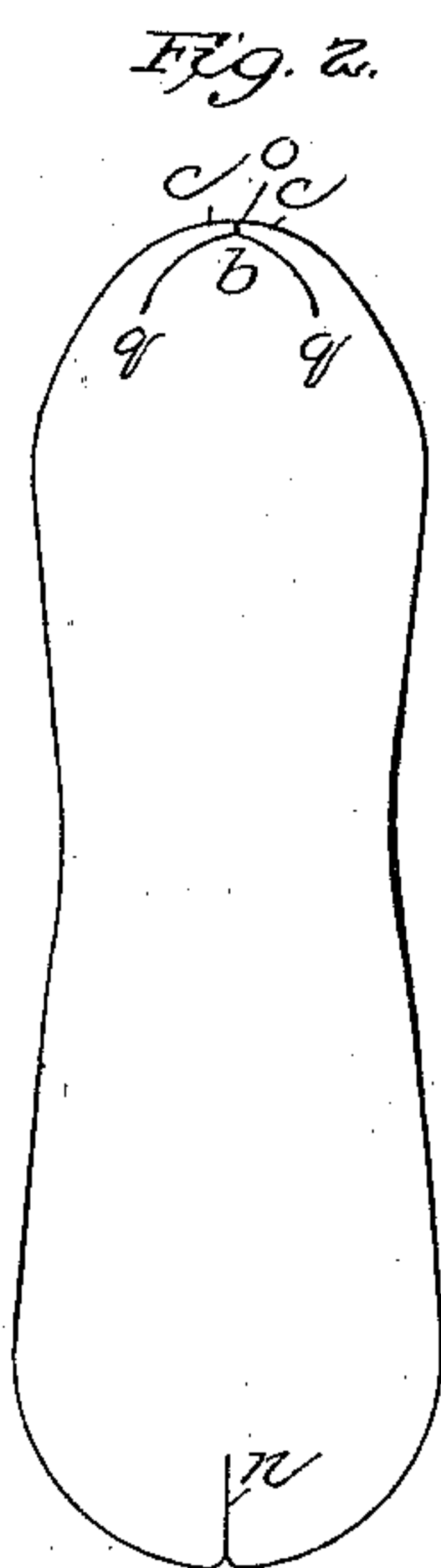
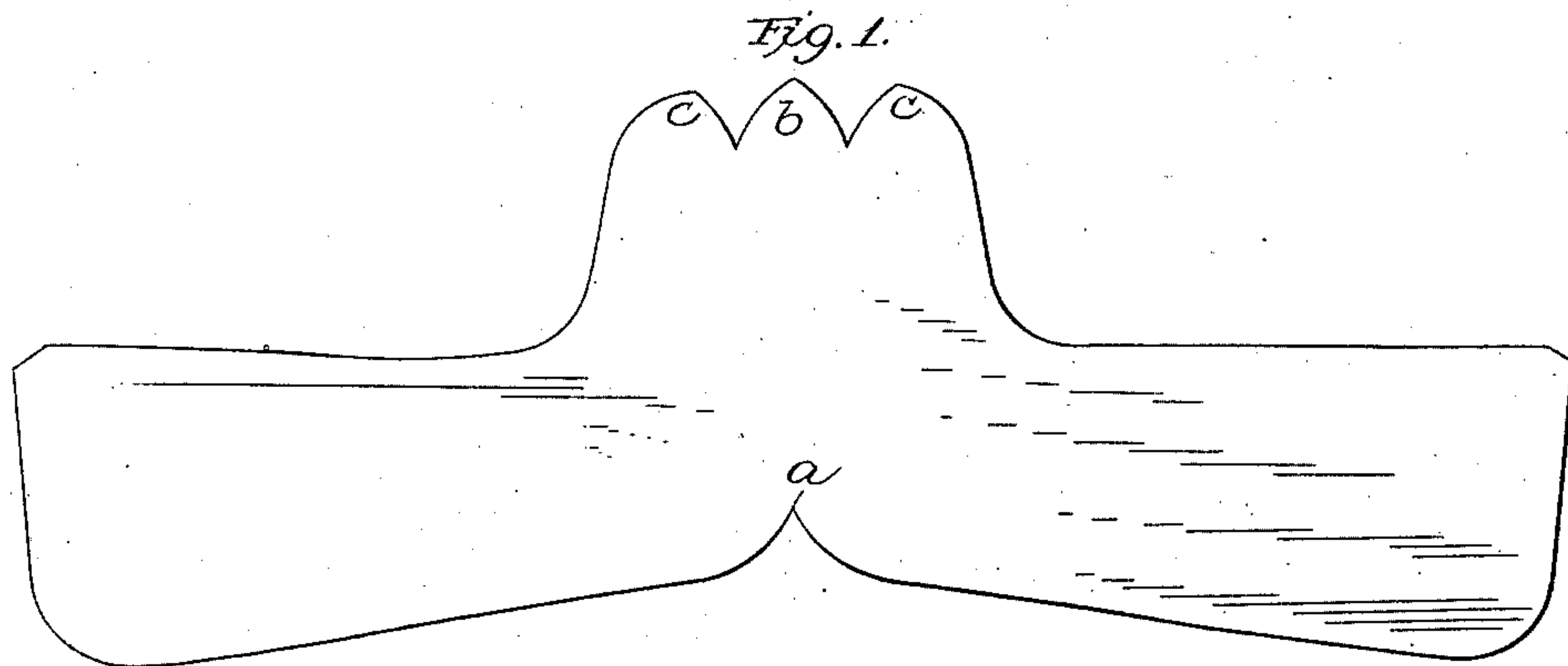
(No Model.)

E. E. HALL.

CLOTH BOOT.

No. 311,123.

Patented Jan. 20, 1885.



Attest:
F. L. Middleton
J. E. Middleton.

Inventor
Eugene E. Hall
by Joyce & Spear
Atty.

UNITED STATES PATENT OFFICE.

EUGENE E. HALL, OF TROY, ASSIGNOR OF TWO-THIRDS TO FRANCIS C. HUYCK AND CHAUNCEY E. ARGERSINGER, BOTH OF ALBANY, N. Y.

CLOTH BOOT.

SPECIFICATION forming part of Letters Patent No. 311,123, dated January 20, 1885.

Application filed October 18, 1884. (No model.)

To all whom it may concern:

Be it known that I, EUGENE E. HALL, of Troy, in the county of Rensselaer and State of New York, have invented a new and useful Improvement in Cloth Boots; and I do hereby declare that the following is a full, clear, and exact description of the same.

My invention is an improvement in boots, and is designed, principally, for a boot made of cloth, felt, or like fabric, which may be water-proof, if desired, and which is made out of a single piece of the fabric.

The object of the invention is to simplify the construction of the boot, and to render it cheaper to make, and to avoid having any seam upon the bottom.

The invention consists of a boot formed of one piece cut from the material, with a half of the leg and foot on each side of the central line, drawn from toe to heel on the part forming the sole, with only a central front and back seam.

In the accompanying drawings, Figure 1 represents the blank from which the boot is made. Fig. 2 represents a plan view of the sole of the finished boot. Fig. 3 shows a perspective view of the rear of the boot, and Fig. 4 a perspective view of the front of the boot.

The two sides of the upper and the bottom and leg are cut from a single piece. The rear line of cut forms a re-entrant angle at the bottom of the heel or shoe at *a* of Fig. 1, so that

when the edges are brought together a rounded heel is formed. The line *a b* is the middle line longitudinally of the sole. The projection *b* on the toe is in line with this angle, and is cut to conform to the two other salients, *c c*, on each side thereof. When the adjacent edges of these are united, a properly-shaped toe is formed, and the boot is completed by sewing the front and back seams. The central back seam is shown at *n n*, Fig. 3, and the central front seam is shown at *o p*, Fig. 4. The projection *b* is united to the other two projections or salients, *c c*, on the lines *o q o q*. The sole is entire and smooth, being without seam, and, in fact, the entire foot is seamless, excepting at the toe and top and on the heel.

I form the entire boot of knit or woven fabric thickly fulled, or of felted material, and when made I saturate with water-proof substance, so as to render the whole impervious to water.

I claim—

A boot formed of one piece from the blank, substantially as shown, having a rear seam, *n n*, a front seam, *o p*, and the toe-seams *o q o q*, and the seamless bottom, all substantially as described.

EUGENE E. HALL.

Witnesses:

A. W. WICKES,
JOHN P. KELLY.