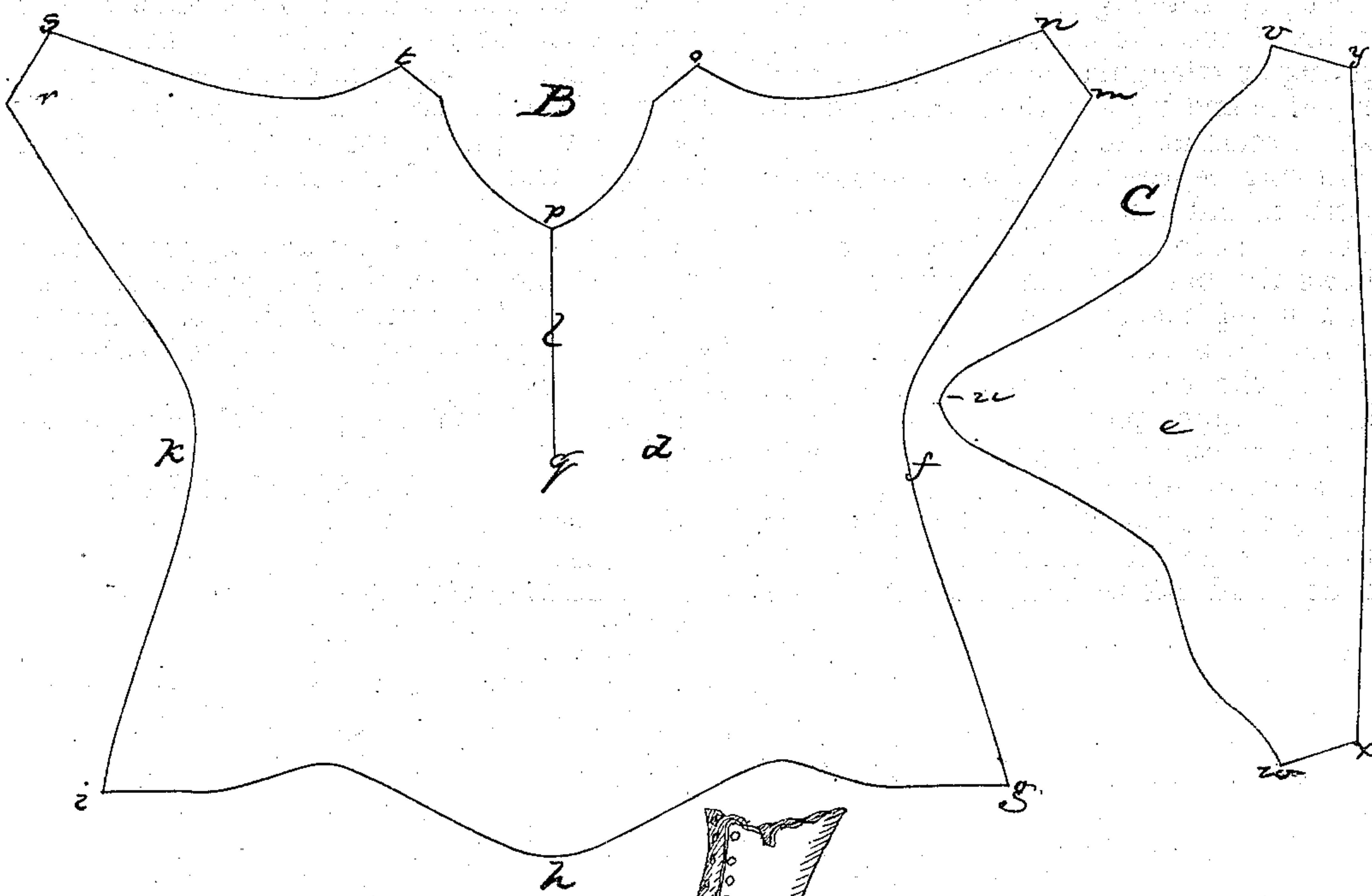
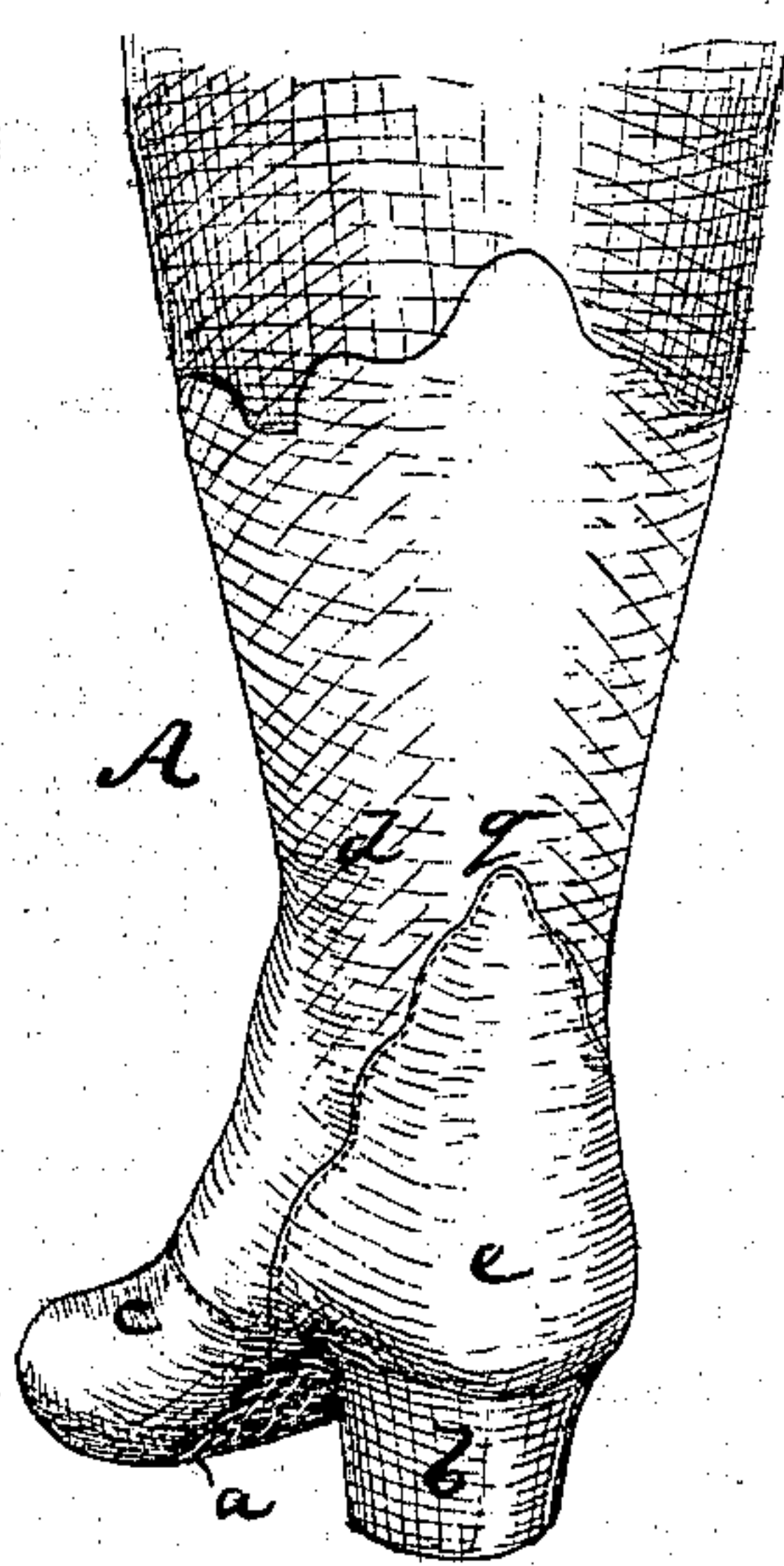


DANIEL H. MURPHY.

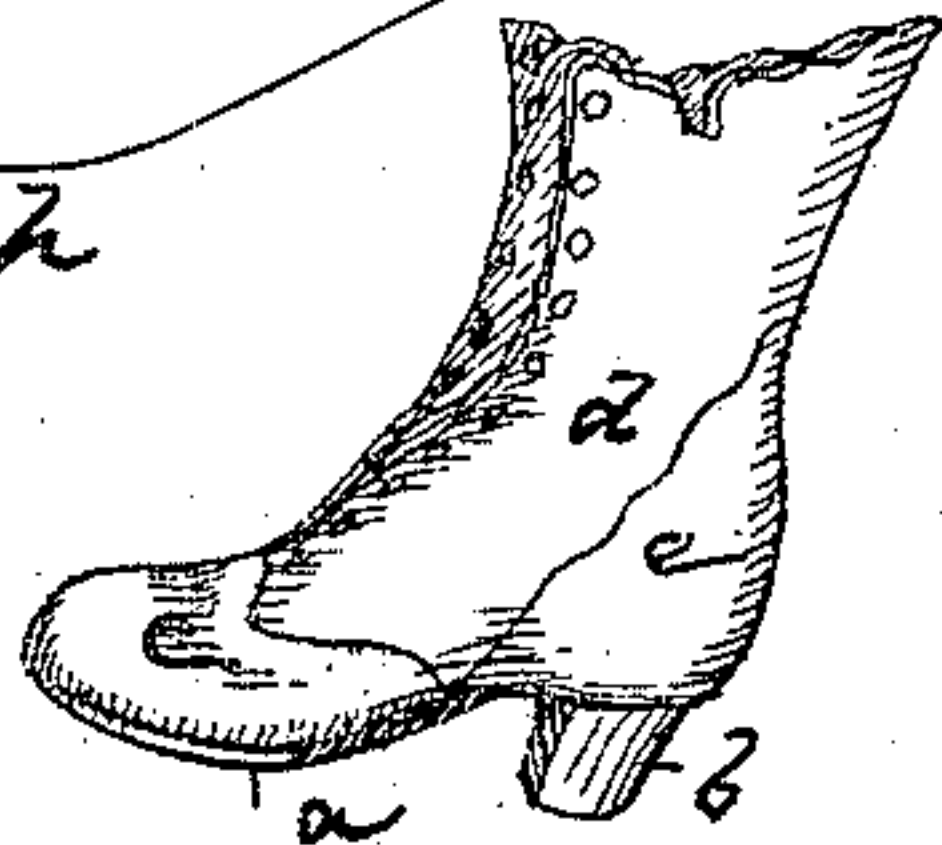
Ladies Boots.

No. 125,834.

Patented April 16, 1872.



Witnesses.
M. W. Frothingham.
J. B. Kidder.



Daniel H. Murphy.
By his Attys.
Crossly & Gould.

UNITED STATES PATENT OFFICE.

DANIEL H. MURPHY, OF LYNN, MASSACHUSETTS, ASSIGNOR TO WILLIAM A. DOLE, OF SAME PLACE.

IMPROVEMENT IN LADIES' BOOTS.

Specification forming part of Letters Patent No. 125,834, dated April 16, 1872.

To all whom it may concern:

Be it known that I, DANIEL H. MURPHY, of Lynn, in the county of Essex and State of Massachusetts, have invented an Improvement in the Manufacture of Ladies' Boots; and I do hereby declare that the following, taken in connection with the drawing which accompanies and forms part of this specification, is a description of my invention sufficient to enable those skilled in the art to practice it.

My invention relates particularly to the manufacture of ladies' boots; and consists in forming the leg and quarters of one piece, or without a center seam at the back, the leather being cut of peculiar shape and with a central slit, so that, by drawing the two parts at opposite sides of the slit outwardly and inserting a goring or triangular piece, the heel and quarter pieces and leg are all formed, and the boot has no seam at the back.

The drawing represents a boot embodying the invention, and a pattern of the upper and heel-piece as cut from the side of leather.

A shows the boot; B, the upper or vamp, quarter, and leg piece; C, the heel-piece. *a* denotes the sole of the boot; *b*, the heel; *c*, the fore part of the vamp or upper; *d*, the leg, quarter, and upper piece; *e*, the heel-piece. To form the leg and vamp piece I cut a single piece, of substantially the form shown at B, the part *f g h i k* being of just the form to fit around the leg, and the other part being slit, as seen at *l*, and cut to such form that each

part *f m n o p q* and *k r s t p q* will fit around the ankle and one-half of the fore part of the foot in front of the leg; these two parts being drawn forward, leaving an angle, *q*, as seen at A, to which angle is fitted the heel or filling piece *e*, said piece being cut or formed substantially as shown at C, the edges *u v* and *u w* being stitched over the opposite edges *p q* and the edges *x y* to the sole.

By thus cutting and forming the leg and quarter or vamp piece a material saving of stock is effected, as the principal waste is only in the one piece *d*, and this being very slight in cutting a succession of pieces from the same side. The necessity and expense of the back seam are obviated, and the boot is much neater by reason of the absence of such seam.

The edges of the piece *e* may be ornamentally cut or stitched, and may be formed of leather having a surface or finish in contrast with the surface or finish of the piece *d*.

I claim—

A boot having the leg and upper piece *d* formed of one piece, and the piece *e* inserted in the angle of said piece *d*, the pieces *d e* being formed, connected, and applied substantially as shown and described.

Executed this 29th day of February, A. D. 1872.

DANL. H. MURPHY.

Witnesses:

EZRA BAKER,
JAS. B. SILSBEE.