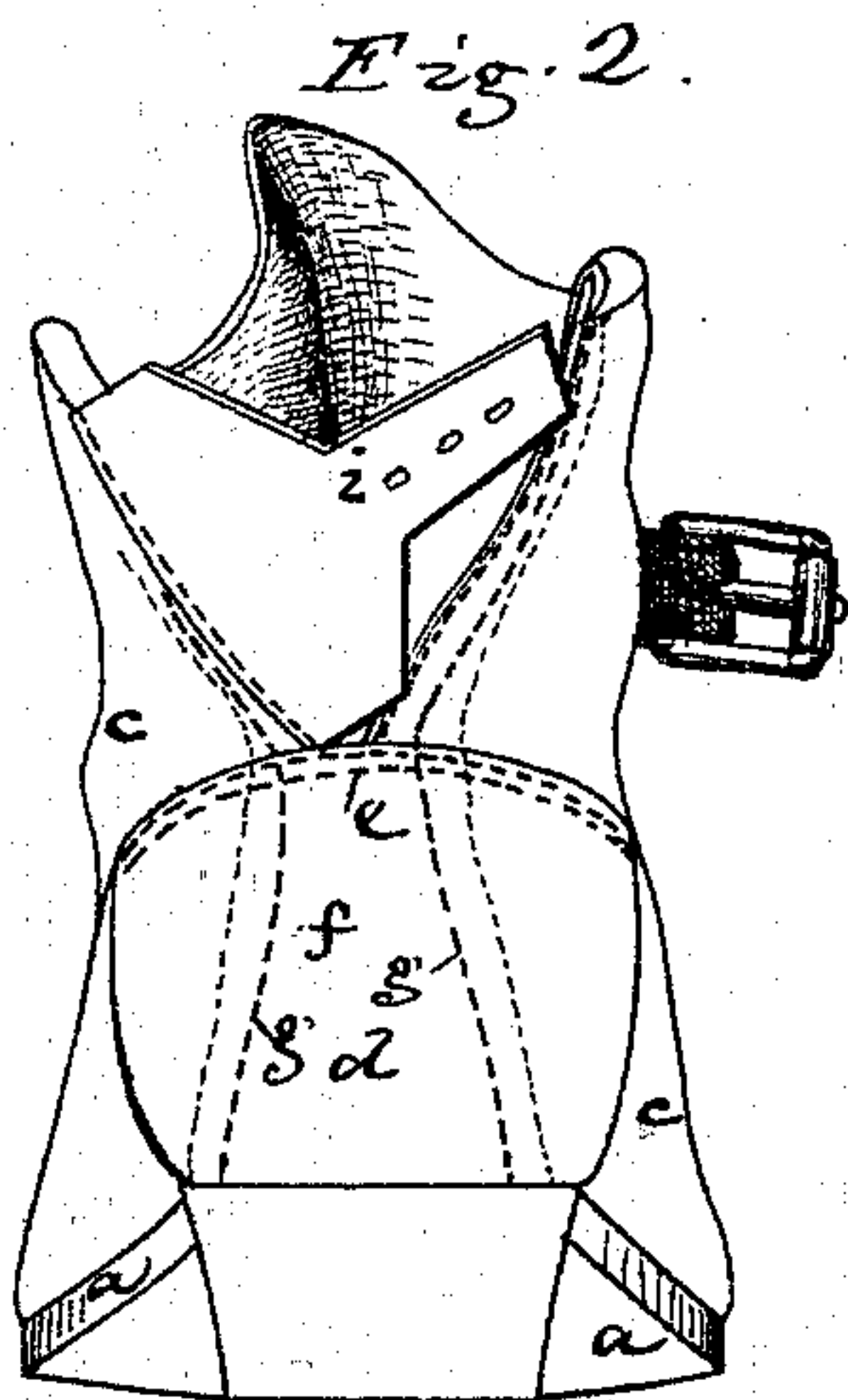
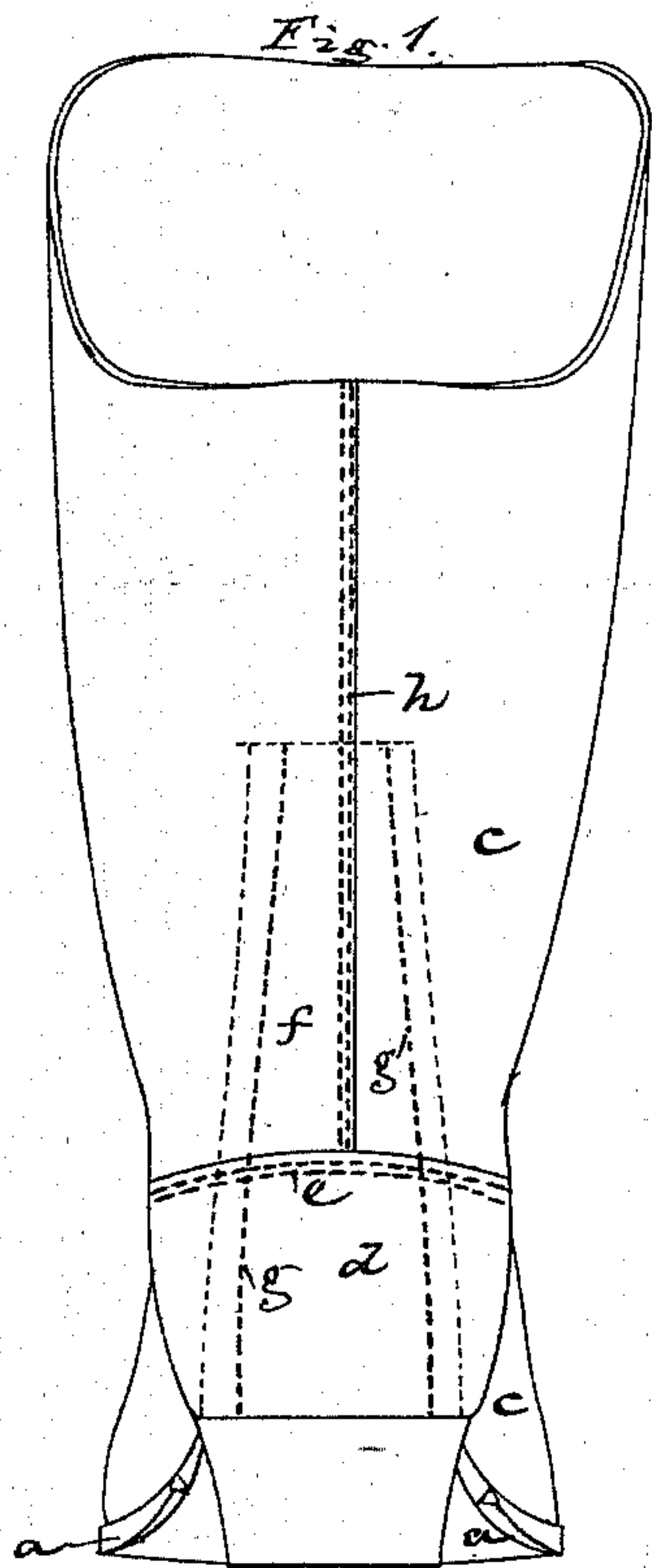


I. HALL.

Boots.

No. 139,385.

Patented May 27, 1873.



WITNESSES.  
Mo. W. Frothingham.  
L. H. Latimer.

INVENTOR.  
Isaac Hall,  
By his Atty.  
Crook & Gould.



# UNITED STATES PATENT OFFICE.

ISAAC HALL, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO HIMSELF AND  
DAMON, THOMAS & LEWIS, OF SAME PLACE.

## IMPROVEMENT IN BOOTS.

Specification forming part of Letters Patent No. **139,385**, dated May 27, 1873; application filed  
April 16, 1873.

*To all whom it may concern:*

Be it known that I, ISAAC HALL, of Boston, in the county of Suffolk and State of Massachusetts, have invented an Improvement in Boots; and I do hereby declare that the following, taken in connection with the drawings which accompany and form part of this specification, is a description of my invention sufficient to enable those skilled in the art to practice it.

United States Letters Patent, No. 55,799, dated June 26, 1866, were granted to John Adams, for an improvement in the manufacture of Boots, which Letters Patent have been assigned to me. In the Adams boot the upper is made of one piece, with the addition of a counter, the seam of the upper running up the back of the leg, from the center and top of the counter.

My present invention relates to a construction embodying the Adams invention. By the Adams construction a great strain is brought upon the seam that unites the counter to the vamp or leg and foot portion of the boot. To strengthen this seam and at the same time act as a guard to facilitate the application of the boot to the foot, and its removal therefrom, I make the boot with an inside guard and brace that extends down by the center of the counter and between the outer and inner sole, so as to be fastened by the fastenings that unite said soles, and also up above the counter, being fastened at its opposite edges both to the counter and the leg portion of the boot, imparting strength to the counter-seam and protection to the heel of the wearer of the boot. In a half-boot, having above the counter an inwardly-folding leg-piece and a strap or other device to fasten the parts together, I use this extension-piece as the protector and brace, stitching its opposite sides above the counter to the opposite edges of the leg and foot-piece, and its opposite edges inside of the counter to and through the counter, its bottom edge extending between and being fastened to the soles.

My invention consists in combining, with the boot made with a single leg and foot piece united to a counter-piece, substantially as shown in said Adams' patent, a protector ex-

tending by the center of the counter to and between the inner and outer sole, (united to them by the fastenings that connect them together,) and also extending across the counter-seam, being united both to the counter and leg pieces by opposite lines or rows of stitches, all the parts being thus united by such protector-piece. The invention also consists in making this protector, (extending to and between the inner and outer soles, and united to them and to the counter at its opposite edges,) the folding extension that connects the edges of the leg-piece, and folds within the boot when the parts are fastened by the strap.

The drawing represents a boot and a half-boot embodying my improvement, the boots being shown in rear view.

*a* denotes the outer sole, *c*, the foot and leg-piece, and *d* the counter. The piece *c* being cut on the Adams plan, and the counter fastened to it by the stitches *e*, in the usual manner. I stitch to the counter the protector-piece *f*, the stitches *g* extending from the bottom of the counter at both edges of the piece *f* upward beyond the counter, said stitches forming the medium of connection to the leg and upper piece, as seen at Fig. 2; or being stitched to said piece at each side of the center-seam *h*, as seen at Fig. 1.

The upper being thus formed with the piece *f* attached, the upper is lasted to the inner sole, and in lasting the bottom edge of the piece *f* is lasted over with the bottom edge of the counter, and then the counter, the edge of the strip *f*, and the inner sole and outer sole, are all united by the ordinary fastenings that connect the inner and outer soles. In the half-boot the piece *f*, above the counter, forms the extension to be turned in when the strap *i* is buckled.

By this construction this kind of boot is very much improved and is made easier to wear and more enduring in its connections, the employment or extension of the piece *f*, from the soles to which it is firmly united to the leg-piece, to which it is also firmly united, relieving the seam from all strain in drawing the boot upon or from the foot.

I claim—

1. In combination with the boot having a



foot and leg piece, *c*, and a counter-piece, *d*, cut and united substantially as shown, the protector *f*, extending from the soles *a a*, across the seam *h*, and united to the soles, to the counter, and to the leg and foot piece, substantially as shown and described.

2. The protector-piece *f*, applied as described

and made as the inwardly-folding flap, to be used in connection with the strap *i*, or equivalent fastening device.

ISAAC HALL.

Witnesses:

FRANCIS GOULD,

M. W. FROTHINGHAM.