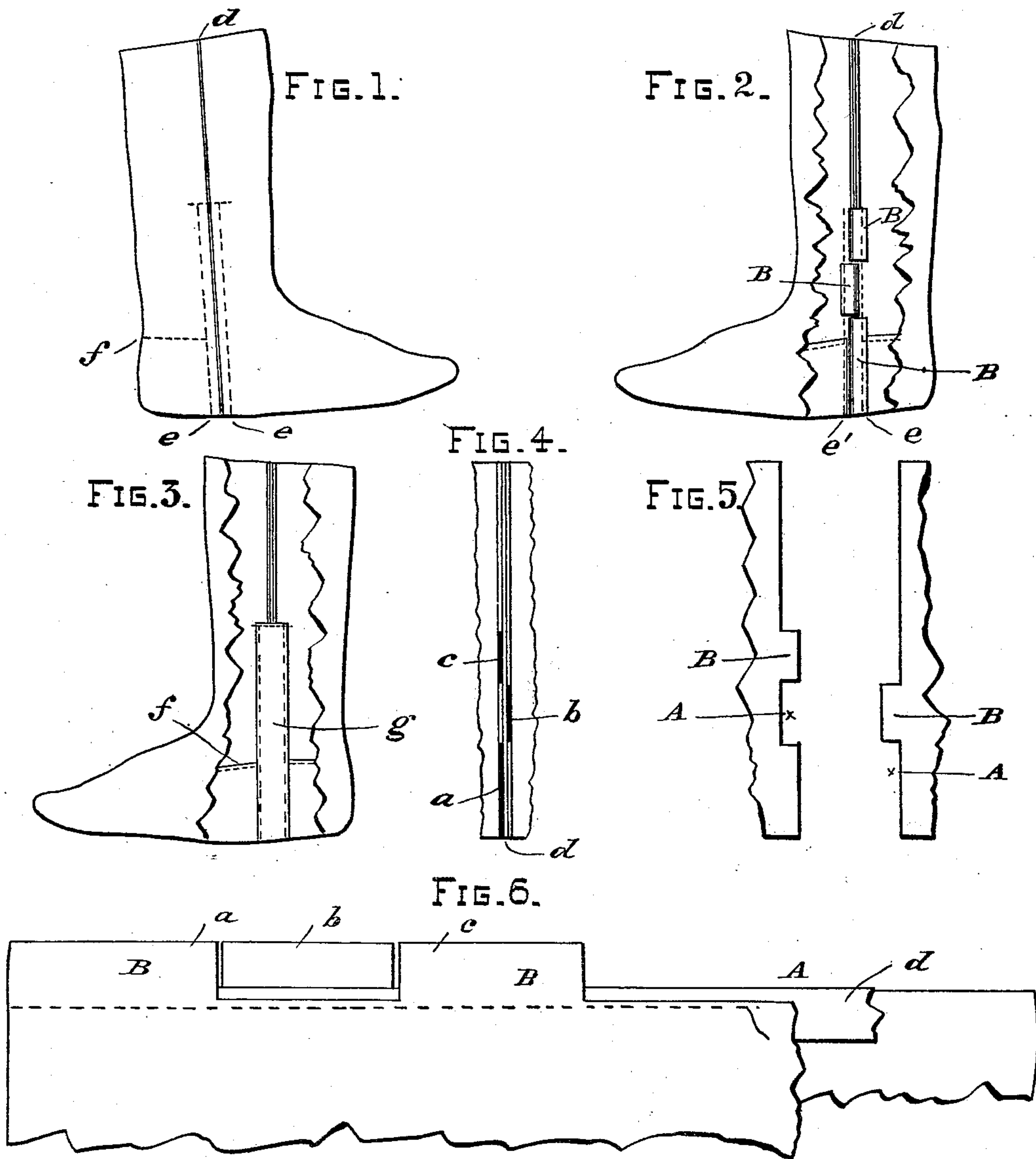


(No Model.)

M. LEVENTRITT.
Manufacture of Boots and Shoes.

No. 243,452.

Patented June 28, 1881.



WITNESSES.

Wilmer Bradford
Lawrence A. Brennan

INVENTOR.

Marion Leventritt
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His Attorney

UNITED STATES PATENT OFFICE.

MARION LEVENTRITT, OF SAN FRANCISCO, CALIFORNIA.

MANUFACTURE OF BOOTS AND SHOES.

SPECIFICATION forming part of Letters Patent No. 243,452, dated June 28, 1881.

Application filed January 26, 1881. (No model.)

To all whom it may concern:

Be it known that I, MARION LEVENTRITT, a citizen of the United States, and residing at San Francisco, in the county of San Francisco and State of California, have invented a new and useful Improvement in the Manufacture of Boots and Shoes, of which the following is a specification.

My invention relates to improvements in forming the legs and uppers of boots and shoes, whereby the seams are re-enforced and relieved of undue strain, with the effect of imparting increased strength and durability to the parts, which are constructed and arranged as hereinafter more fully described and claimed.

Figure 1 is a side elevation. Fig. 2 is a side elevation, partly broken away, showing the interior of the boot-leg. Fig. 3 is a side elevation, partly broken away, showing the pad in position. Fig. 4 is an edge view of the meeting edges and the welt. Figs. 5 and 6 are plan views.

Similar letters refer to similar parts throughout the several views.

In the manufacture of my boot and shoe legs I cut at intervals along the edges of the meeting parts, commencing at a point above where the ankle-joint comes, rectangular spaces A and projections or re-enforce pieces B, and in such a manner that when the parts are united the laps or flaps of one side of the leg will be in position upon the under face and be received by and fit within the spaces of the opposite side or edge of the meeting parts in an alternate manner, as shown, and so that none of the laps are exposed to view upon the outer side of the legs, and the horizontal lines of juncture will be formed with close joints. In practice the parts are first skived and then interlocked, with the inner faces of the stock or leather outward or reversed and the re-enforce or laps extended and in the position as shown at *a b c* in Figs. 4 and 6. The usual welt, *d*, is then placed between the parts in a

line parallel with the rectangular spaces, and in this position of the parts a line of stitching is made from the top to the bottom of the leg. The parts are then spread out or laid flatwise, with the outer face downward and the re-enforce or laps turned over the inner face of the welt or meeting edges of the leg in an alternate or reverse manner, with one lap or re-enforce at the right of the seam and the succeeding re-enforce or lap at the left hand of the seam, as shown, and in this position a line of stitching, *e e'*, is made along each side of the seam or welt, passing through the laps or re-enforce pieces and the leg proper of the boot, and through the last or lower lap, *a*, and counter on one side of the seam only. Both lines of stitching, however, extend to the base of the upper, and the line represented at *f* serves to hold a lining of the vamp at the opposite side of the seam. By this means the rough and hard edges of the welt are smoothly covered by the soft parts of the flaps or laps, and the leg or upper united in a firm and strong manner, while the strain by this re-enforcement will be extended to and be brought to bear more directly upon the body of the leg. A stay or pad, *g*, is placed over the welt to soften it, and is held by the same lines of stitching.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

In the manufacture of boots and shoes, a seam formed by the rectangular spaces A and flaps B, arranged alternately on opposite sides, the interposed welt *d*, and the stay or pad *g*, all united by stitches, as set forth.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 17th day of January, 1881.

MARION LEVENTRITT. [L. S.]

Witnesses:

C. W. M. SMITH,
EDWD. CHATTIN.