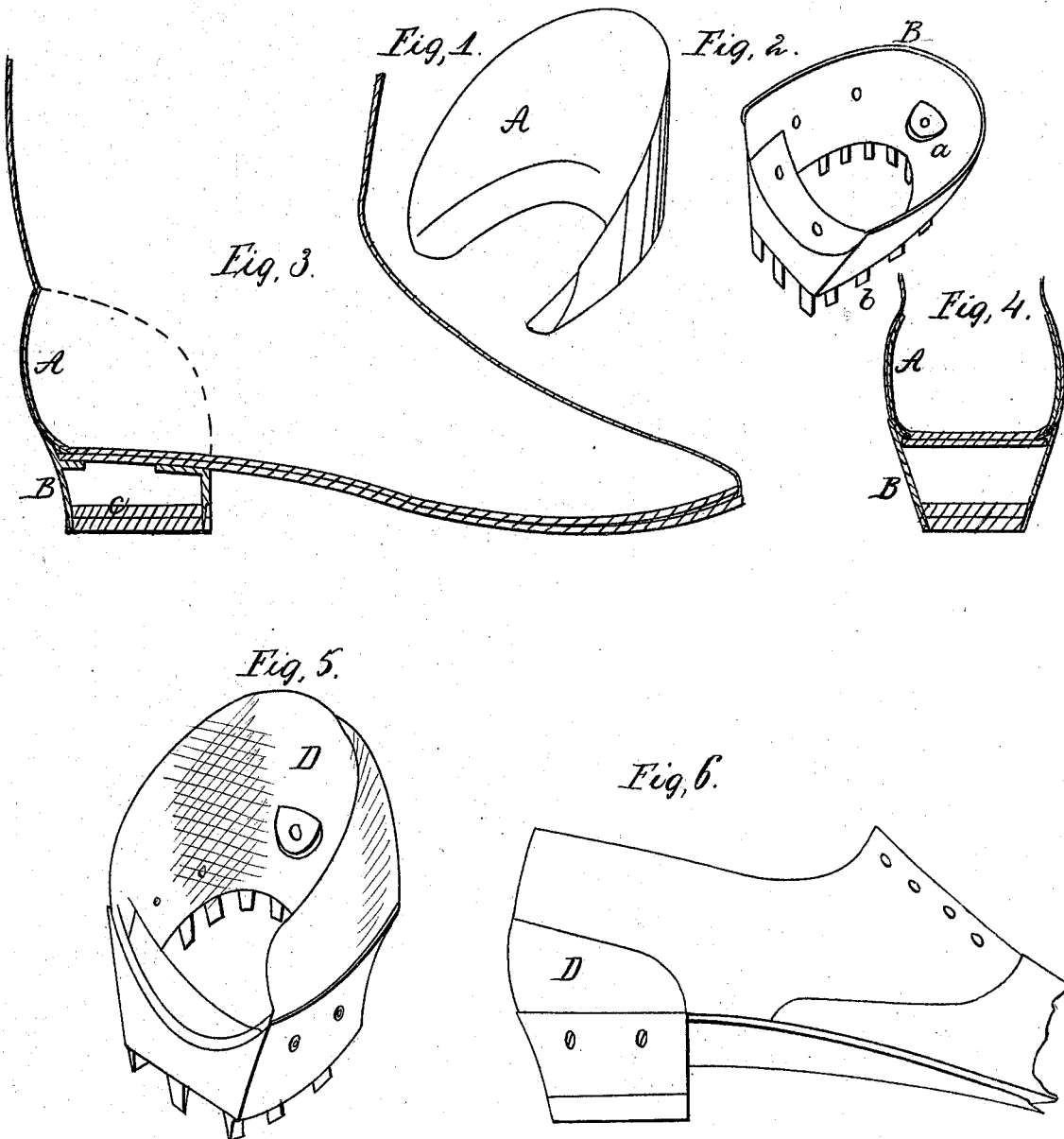


H. Cordtz.

Boot and Shoe Heel.

N^o 95,087.

Patented Sept. 21, 1869.



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United States Patent Office.

HENRY CORDTZ, OF CHICAGO, ILLINOIS.

Letters Patent No. 95,087, dated September 21, 1869.

IMPROVED HEEL FOR BOOTS AND SHOES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, HENRY CORDTZ, of Chicago, in the county of Cook, and State of Illinois, have invented certain new and useful Improvements in Boots and Shoes; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification, and to the letters of reference marked thereon, like letters indicating like parts wherever they occur.

To enable others skilled in the art to construct and use my invention, I will proceed to describe it.

My invention relates to boots and shoes, and consists in the construction and application of metallic heels, of a novel form, to boots and shoes, in connection with metallic counters and leather lifts secured to the projections of the metallic heel.

In the drawings—

Figure 1 is a perspective view of a device for stiffening and strengthening the counter;

Figure 2 is a perspective view of a device for the heel, to be used in connection with the device for the counter;

Figure 3 is a longitudinal section, showing my devices attached;

Figure 4 is a cross-section of the same;

Figure 5 is a perspective view of a modification of my device; and

Figure 6 is the view of a shoe, showing my modified device attached.

In constructing my devices for improvements in the heels of boots and shoes, I form up, out of copper or other suitable metal, by any of the usual mechanical devices, a counter-stiffener, A, shaped as clearly shown in fig. 1. I then cast, out of any suitable metal, and

of any size desired, a heel-piece, B, having on its rear inner side a projection, *a*, and around on its lower side, a series of projections, *b*, and shaped, as clearly shown in fig. 2.

The stiffener A, I insert in the counter of a boot or shoe, as clearly shown in figs. 3 and 4, and the heel-piece or heel B, I connect to the boot or shoe, by means of screws, which also enter the stiffener A, and bind both it and the heel, or heel-piece B, firmly and securely together.

On the bottom of the heel-piece B, I place one or two pieces of leather, C, for the purpose of completing the heel. These pieces of leather are driven upon the projections *b*, as clearly shown in figs. 3 and 4.

I sometimes cast both the stiffener for the counter and the heel-piece together, so as to form one piece, D, as clearly shown in fig. 5, and then apply it to a boot or shoe, as clearly shown in fig. 6.

By means of these metallic devices, I am able to produce a boot or shoe that will always hold the heel of the foot firmly and securely in position. They will prevent the counters from running over, and will aid in keeping the entire boot or shoe straight upon the foot, and thus secure an even wear of the sole.

Having thus described my invention,

What I claim, is—

The metallic heel D, provided with the projections *b*, for securing the leather lifts C, when constructed and arranged substantially as herein shown and described.

HENRY CORDTZ.

Witnesses:

CARL RADDEN,
WM. H. LOTZ.