

W. E. CLAYTON.
CANVAS WELT INSOLE.
APPLICATION FILED JAN. 27, 1916.

1,217,708.

Patented Feb. 27, 1917.

FIG. 1.

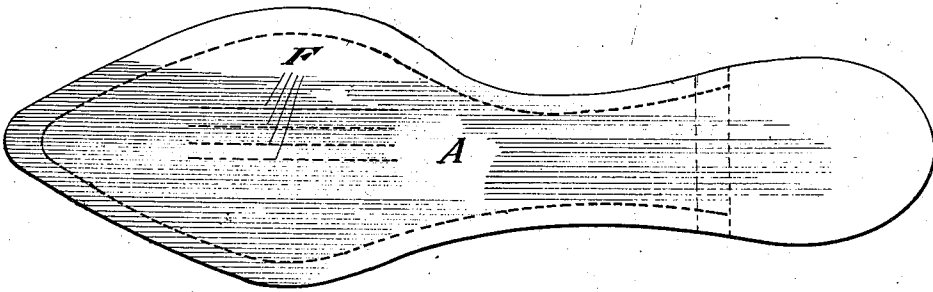


FIG. 2.

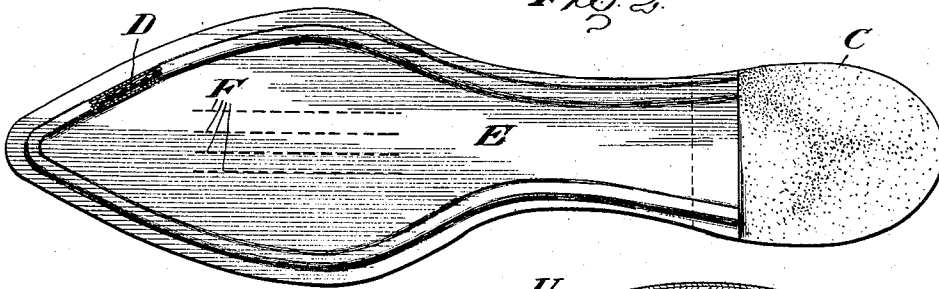


FIG. 3.

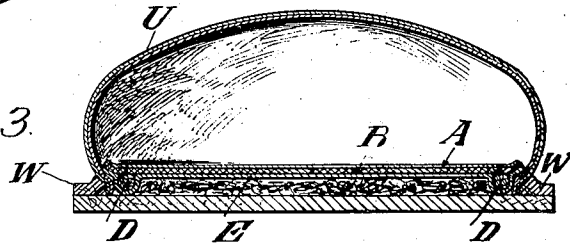


FIG. 4.

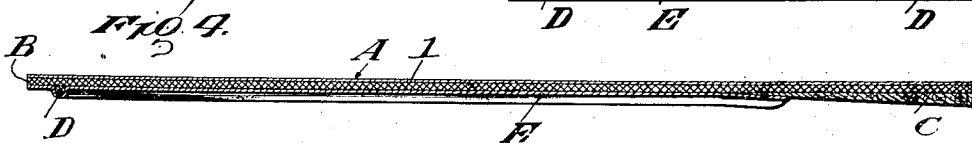
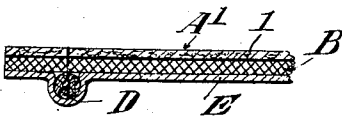


FIG. 5.



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UNITED STATES PATENT OFFICE.

WILLIAM E. CLAYTON, OF PORTSMOUTH, OHIO.

CANVAS WELT-INSOLE.

1,217,708.

Specification of Letters Patent.

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Application filed January 27, 1916. Serial No. 74,628.

To all whom it may concern:

Be it known that I, WILLIAM E. CLAYTON, a citizen of the United States, residing at Portsmouth, in the county of Scioto and State of Ohio, have invented certain new and useful Improvements in Canvas Welt-Insoles, of which the following is a specification.

My invention relates to an improvement in canvas welt insoles, the present invention being composed of canvas-duck, buckram, a leather lift, a cord stitched to the canvas-duck, buckram and heel-lift, and a canvas duck layer pasted or cemented on the buckram, one edge of the heel-lift, and over and around the cord.

In the accompanying drawings:

Figure 1 is a top view of the insole;

Fig. 2 is a bottom-view thereof;

20 Fig. 3 is a transverse section thereof;

Fig. 4 is a longitudinal sectional view through the insole;

25 Fig. 5 is a sectional view in which a leather layer A' is substituted for the canvas duck layer.

A, represents a layer of canvas-duck used for the top or right side of the insole when put in use. This has its lower surface gummed as at 1.

30 B is a canvas buckram layer to which the gummed surface of the duck layer is cemented or pasted. The buckram is used to give solidity to the insole and prevent the foot from feeling the cord D, which is stitched through the buckram and duck a short distance from the edge to form an abutment to which the welt W and upper U are stitched.

35 After the canvas-duck and buckram are pasted together, the leather heel-lift C is pasted to the buckram to give solidity for the heel to be fastened. The cord D is sewed not only to the duck and buckram layers but also to the inner end of the leather-lift, thus bringing the shoulder or abutment a short distance on to the heel.

45 A layer E of gummed duck is heated and pasted over the buckram, the cord, and upon

the inner end of the leather heel-lift, thus adding strength to the insole, and also the cord abutment for sewing on the welting. 50

The letter F indicates several rows of stitching in the fore part to hold the layers of duck and intermediate layer of buckram to prevent any one of these pieces from rolling up in a lump in the sole. There are usually four rows of these stitchings, although, obviously, there might be any number. 55

The construction illustrated in Fig. 5 differs from the other in one feature only, and that is a chrome leather layer is used in place of the canvas duck for the top or right side of the insole. 60

I claim:

1. A welt insole composed of an intermediate layer, an upper layer of thin material cemented to the upper side of the intermediate layer, a heel-lift arranged on the under side thereof and a cord laid on the intermediate layer and paralleling the edge of the insole, a row of stitching throughout the length of the cord extending through the cord, the intermediate layer, the lower side of the insole and a portion of the heel-lift, and a textile layer pasted on the lower side of the insole. 65 70 75

2. A welt insole composed of an intermediate layer of buckram, an upper layer of thin material cemented to the upper or right side of the buckram, a leather heel-lift arranged on the under side thereof, and a cord laid on the buckram and the inner end of the heel, and paralleling the edge of the insole, and a row of stitching throughout the length of the cord extending through the cord, the buckram, the lower or right side of the insole, and a portion of the heel-lift, and a gummed canvas duck layer pasted on the lower side of the buckram around the cord and upon the inner end of the heel-lift. 80 85 90

In testimony whereof I affix my signature.

WILLIAM E. CLAYTON.