

(No Model.)

W. A. KNIPE.

MACHINE SEWED BOOT OR SHOE.

No. 319,269.

Patented June 2, 1885.

Fig. 2.

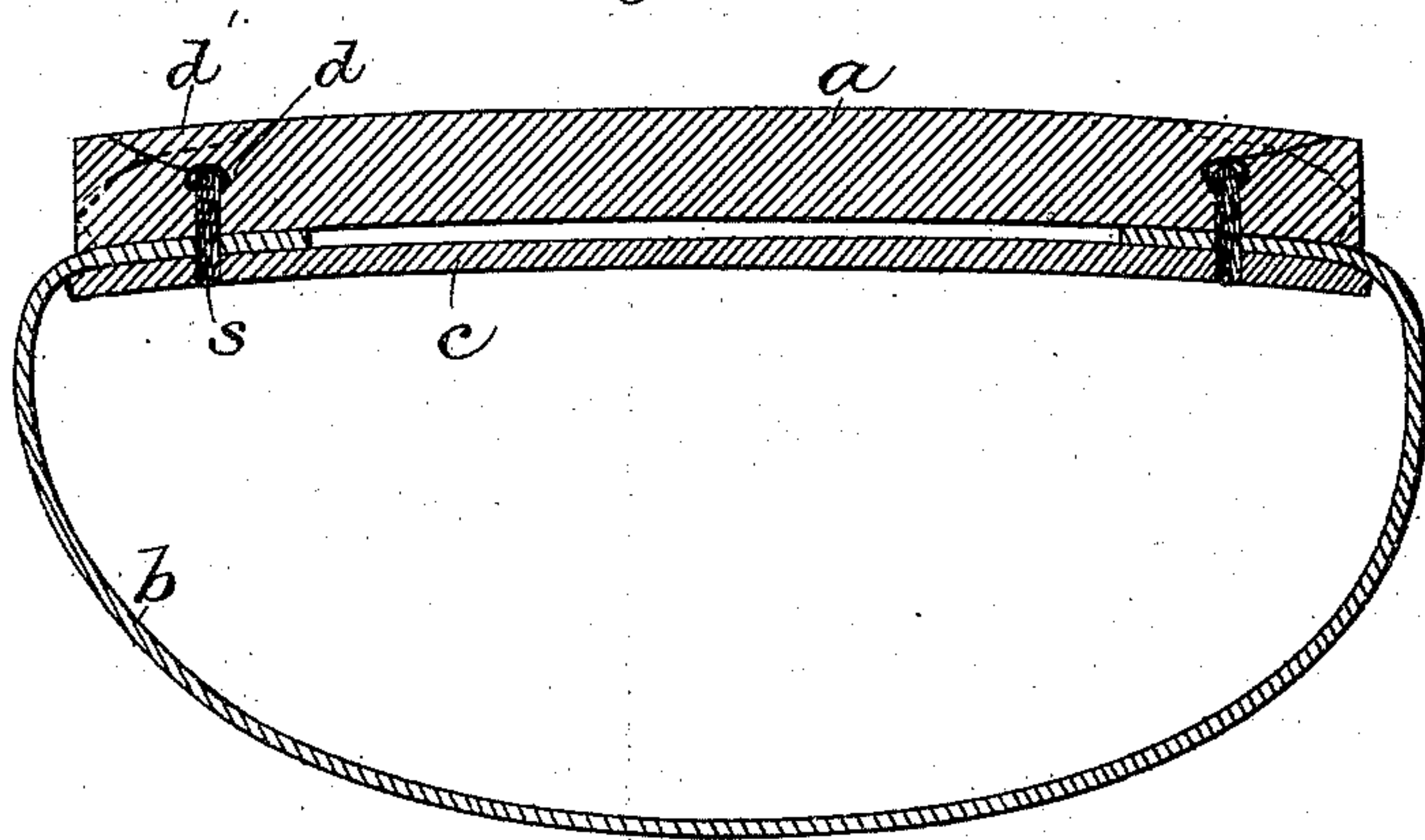
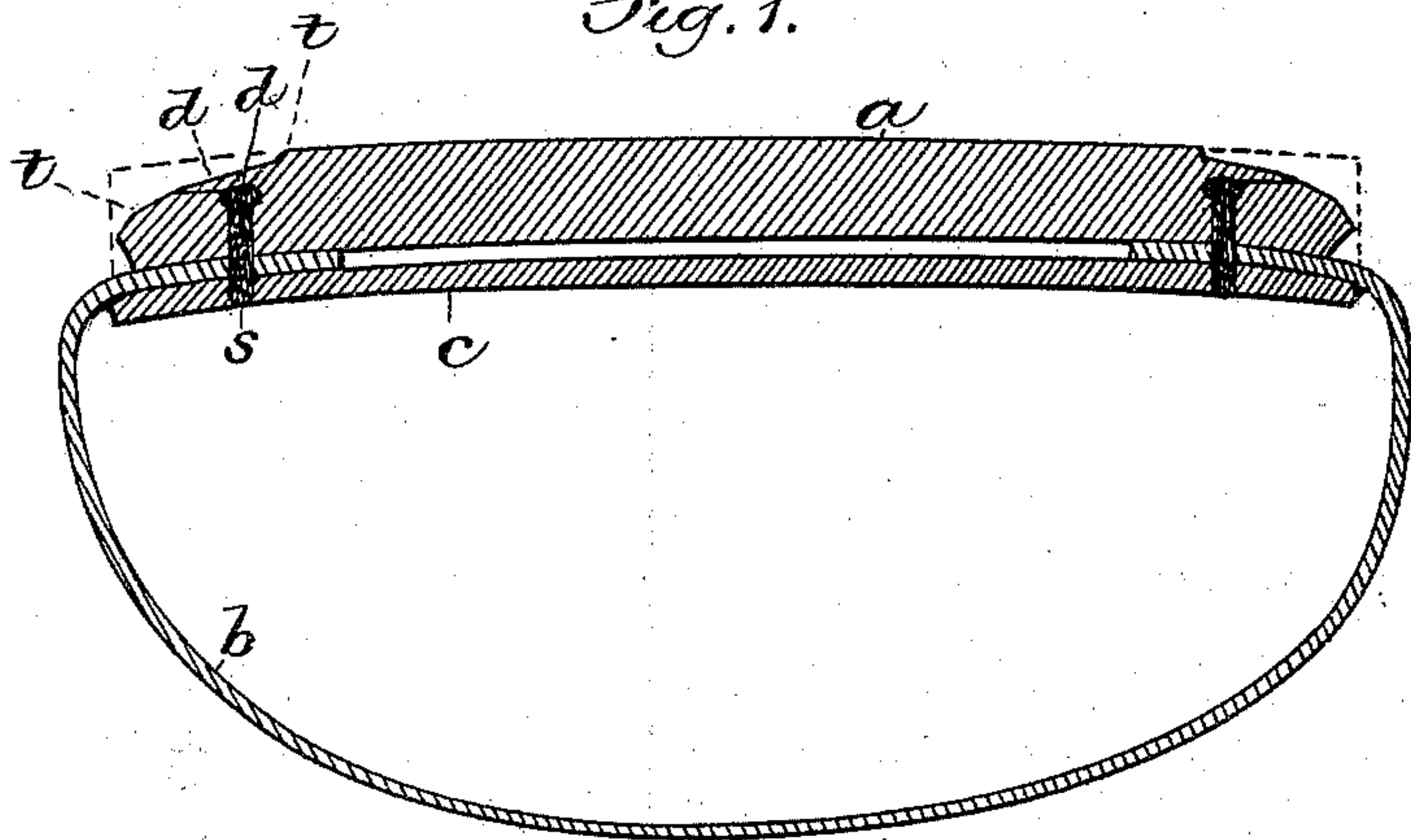


Fig. 1.



Witnesses.
A. L. White
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UNITED STATES PATENT OFFICE.

WILLIAM A. KNIPE, OF HAVERHILL, MASSACHUSETTS.

MACHINE-SEWED BOOT OR SHOE.

SPECIFICATION forming part of Letters Patent No. 319,269, dated June 2, 1885.

Application filed March 23, 1885. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM A. KNIPE, of Haverhill, in the county of Essex and State of Massachusetts, have invented certain Improve-
5 ments in Machine-Sewed Boots and Shoes, of which the following is a specification.

This invention relates to boots or shoes in which the outer soles are stitched to the uppers and inner soles by machine-made stitches laid
10 in a channel formed by cutting into the outer surface of the outer sole, as by the McKay stitching-machine. A flap is formed on the outer sole in cutting the channel, and after the stitching operation said flap is cemented to
15 cover the channel. The outer edge of the flap is thin, and is liable to become detached from the body of the sole by wear, and thus give the sole an unsightly appearance when the outer edge of the flap is flush with the outer edge of
20 the sole.

My invention has for its object to protect the outer edge of the channel-flap, and at the same time give a thin and neat edge to the outer sole without detracting from the thickness of the
25 sole at the point where the stitches pass through it.

To this end the invention consists in a machine-sewed boot or shoe having its outer surface cut away near its edge, so that the outer
30 edge of the flap will not be flush with the bottom or wear-sustaining portion of the sole, as I will now proceed to describe.

Of the accompanying drawings, forming a part of this specification, Figure 1 represents
35 a transverse section of a machine-sewed boot or shoe having my improvement. Fig. 2 represents a similar section before the sole is cut away on its outer surface.

The same letters of reference indicate the
40 same parts in all the figures.

In the drawings, *a* represents the outer sole, *b* the upper, and *c* the inner sole, the outer sole having the usual stitch-receiving channel, *d*, covered by the flap *d'*.

In carrying out my invention I take a boot 45 or shoe after the outer sole, *a*, has been secured by the stitches *s*, and the flap *d'* has been cemented down, as shown in Fig. 2, and with a suitable trimming-tool remove a portion of the outer surface of the outer sole near the edge 50 thereof, so as to reduce the thickness of the edge and form a surface, *t t*, above the wearing or outer surface of the sole on which the outer edge of the flap *d'* terminates. The outer
55 edge of the flap is therefore raised above the wearing-surface of the outer sole when the sole is in use, and is thus protected from injury to a considerable extent, while the sole is reduced in thickness, and thus given a neat and
60 light appearance at the edge without being reduced in thickness at the point where the stitches *s* pass through it.

The surface *t t* may be burnished or otherwise finished in any desired manner.

I claim—

A machine-sewed boot or shoe, the sole of which is channeled on its outer or tread surface, and cut away near its edge, to form a surface, *t t*, on which the outer edge of the channel-flap terminates, said surface being above 70 the tread-surface of the sole, as set forth.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, this 17th day of March, 1885.

WILLIAM A. KNIPE.

Witnesses:

LABURTON JOHNSON,
CHAS. G. JOHNSON.