

UNITED STATES PATENT OFFICE

WILLIAM J. B. MILLS, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO
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IMPROVEMENT IN SHOE-SEWING MACHINES.

Specification forming part of Letters Patent No. 134,303, dated December 24, 1872.

To all whom it may concern:

Be it known that I, WM. J. B. MILLS, of the city and county of Philadelphia, State of Pennsylvania, have invented an Improved Attachment for Shoe-Sewing Machines, of which the following is a specification:

The object of my invention is to facilitate the stitching together of an insole, upper, and welt of a shoe, in a sewing-machine; and this object I attain by combining with the rest G and yielding-pin *m* of the machine a guide, H, best observed in the perspective view, Fig. 2, for directing the welt in its proper course, while the work is subjected to the action of the machine, in the manner shown in the vertical section, Figure 1, where—

A represents a flanged insole fitted to a last, E, which I prefer to make in accordance with the patent granted to my assignee, De Witt C. Taylor, May 1, 1872, the upper B being placed over both insole and last, and the welt D occupying a position beneath the upper. The whole is supported by the rest G, which has the usual opening *b* for admitting the

straight needle and awl of an ordinary shoe-sewing machine. A pin, *m*, connected to the rest, serves, in connection with the usual pressure-foot bearing in the grooves of the insole, to retain the insole, upper, and last in their proper position on the rest during the operation of sewing, while the welt D is directed in its proper course by the tubular guide H, which is, in the present instance, attached to the rest, but which may be connected to any permanent part of the machine, providing it is so arranged as to maintain the welt in its proper position in relation to the insole and upper.

I claim as my invention—

The combination of the rest-plate and its yielding-pin *m* with the welt-guide.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WM. J. B. MILLS.

Witnesses:

WM. A. STEEL,
HARRY W. DOUTY.