Aug. 28, 1923. 1,466,078

L. E. WASHBURN

LACING DEVICE

Filed June 9, 1920

Fig. 1.

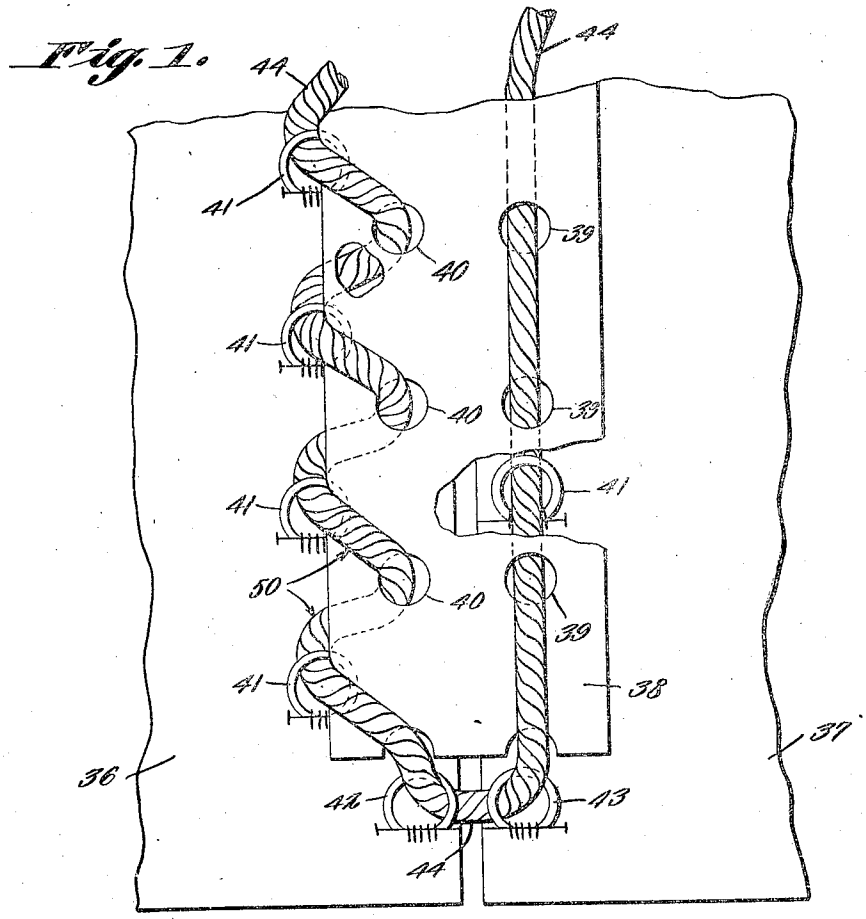
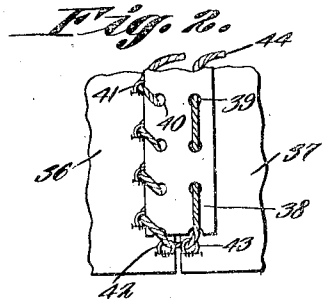


Fig. 2.



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Patented Aug. 28, 1923.

1,466,078

UNITED STATES PATENT OFFICE.

LILLIAN E. WASHBURN, OF BLUE STORES, NEW YORK.

LACING DEVICE.

Application filed June 9, 1920. Serial No. 387,641.

To all whom it may concern:

Be it known that I, LILLIAN E. WASHBURN, a citizen of the United States, residing at Blue Stores, in the county of Columbia and State of New York, have invented a new and useful Lacing Device, of which the following is a specification.

The device forming the subject matter of this application is a lacing means, and the invention aims to provide novel means whereby a shoe, glove, corset or like article may be laced up readily by a cripple or one-armed person, it being unnecessary to withdraw the lacing cord from the openings or eyes through which the cord passes.

Figure 1 is an elevation showing the device claimed, parts being broken away; and Figure 2 is an elevation showing the device claimed.

In the drawing there are shown side members 36 and 37 overlapped by a tongue 38 having openings 39 and 40. The side members 36 and 37 are provided with eyes or rings 41 alternating with the openings 39 and 40. There are terminal eyes or rings 42 and 43 on the members 36 and 37 respectively. A cord 44 is passed through the eyes 41 and the opening 40, around one edge of the tongue 38, through the eyes 42 and 43 and through the eyes 41 of the member 37, the cord being extended through the openings 39, independently of one edge of the tongue 38.

The cord 44 is long enough and the eyes and openings are so arranged that a person, by the use of one hand, can tighten up the cord and make the shoe or other article fast and secure.

Since the flexible element 44 passes straight through the openings 39 and the corresponding rings 41, the straight portion of the flexible element may be drawn upon readily to tighten those of the spiral convolutions of the flexible element which are disposed adjacent to the terminal rings 42 and 43, for instance, the convolutions designated by the numeral 50 in Figure 1.

I claim:—

In a device of the class described, a pair of side members having side rings and terminal rings; a tongue having two sets of openings alternating with the side rings of the respective side members; and a flexible element extended, in spiral convolutions, through the side rings of one member and through one set of openings in the tongue, the flexible element being extended around one edge of the tongue, through the terminal rings and through the other set of openings in the tongue and through the side rings of the other member, in spaced relation to the opposite edge of the tongue and in approximately parallel relation to said edge, the flexible element being freely slidable in the last specified openings and rings, whereby one end of the flexible element may be drawn upon to tighten those of the spiral convolutions which are disposed adjacent to the terminal rings of the side members.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature.

LILLIAN E. WASHBURN.