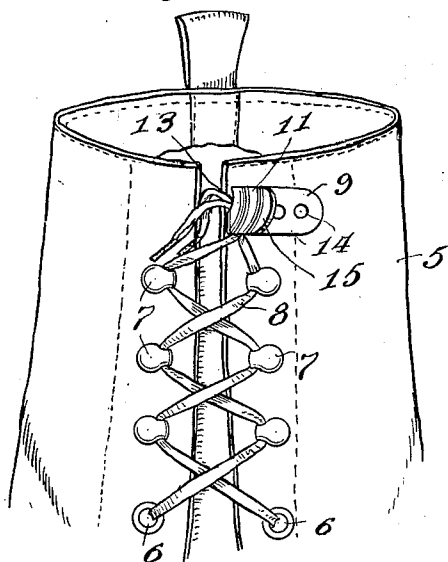


M. SPANGENBERG.  
 SHOE LACE FASTENING DEVICE.  
 APPLICATION FILED NOV. 29, 1912.

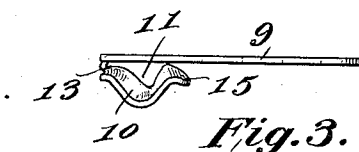
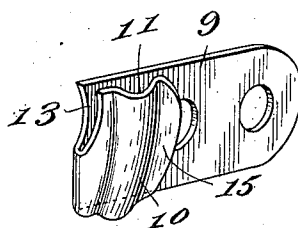
1,094,262.

Patented Apr. 21, 1914.

*Fig. 1.*

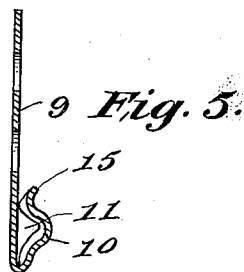
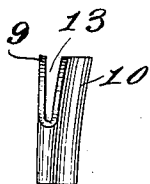


*Fig. 2.*



*Fig. 3.*

*Fig. 4.*



*Fig. 5.*

Witnesses

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# UNITED STATES PATENT OFFICE.

MOXIE SPANGENBERG, OF BOYNE CITY, MICHIGAN.

SHOE-LACE-FASTENING DEVICE.

1,094,262.

Specification of Letters Patent. Patented Apr. 21, 1914.

Application filed November 29, 1912. Serial No. 734,131.

*To all whom it may concern:*

Be it known that I, MOXIE SPANGENBERG, a citizen of the United States, residing at Boyne City, in the county of Charlevoix and State of Michigan, have invented new and useful Improvements in Shoe-Lace-Fastening Devices, of which the following is a specification.

The invention relates to lace fasteners, and more particularly to the class of lace fastening devices for use on shoes, gloves, and similar articles of apparel.

The primary object of the invention is the provision of a fastener of this character in which the lacing may be securely and easily fastened, so as to prevent the loosening thereof when strains, incidental thereto, are exerted thereon, during the wearing of the shoe, glove, or similar article of apparel.

Another object of the invention is the provision of a fastener which is simple in construction, thoroughly reliable in its purpose, and inexpensive in manufacture.

With these and other objects in view, the invention consists in the construction, combination and arrangement of parts, as will be hereinafter more fully described, illustrated in the accompanying drawings, and pointed out in the claim hereunto appended.

In the drawings: Figure 1 is a view in elevation of the upper of a shoe, illustrating the invention applied thereto. Fig. 2 is an enlarged perspective view of the fastener. Fig. 3 is an edge elevation. Fig. 4 is an end elevation. Fig. 5 is a sectional view through the same.

Similar reference characters indicate corresponding parts throughout the several views of the drawings.

Referring to the drawings by numerals, 5 designates the upper of a shoe of the ordinary well-known construction, provided with the usual eyelets 6, and hooks 7 which are mounted therein in the ordinary manner, and through which is trained a lacing 8 which is adapted to be engaged in a fastener, presently described.

The fastener is mounted upon the upper

5 above one row of hooks 7, at one side of the front slit in the said upper of the shoe, and comprises a base plate 9 formed at one end with an outwardly and rearwardly bent tongue 10, the same being formed with an outstruck tapering groove 11, through which is passed the lacing 8, without requiring the tying of the ends thereof. In the bight or fold 12 between the base 9 and tongue 10 is provided an arcuate-shaped slit 13, in which is engaged the lacing 8, so that the latter will become fast, when inserted therein, thereby holding the lacing against slipping or becoming loosened when the shoe is worn.

The base 9 of the fastener is secured to the upper 5 by means of suitable rivets or other like fasteners 14. The free end of the tongue 10 is provided with an outturned lip 15 which permits the free insertion of the lacing 8 between the said tongue and base, so that it will engage in the groove 11 in the tongue of the fastener.

It will be noted that the groove 11 is downwardly tapered and curved to form a guideway for the lacing. The tapered formation and curvature of the groove allows the lacing to be pulled upwardly and outwardly for the tightening thereof during the lacing of the shoe, and also directs the said lacing toward the slot 13, the tongue being bent to form the groove in its inner face.

What is claimed is:

As an article of manufacture, a lace fastener comprising a plate having an eye therein near one end adapted to receive a fastener for the securing of the same to a shoe upper, and a resilient tongue bent from the plate at its opposite end, the bight between the tongue and plate being cut away to form a V-shaped slot, the said tongue being bent to form a downwardly tapered and curved groove in its inner face.

In testimony whereof I affix my signature in presence of two witnesses.

MOXIE SPANGENBERG.

Witnesses:

SATIM HOOPER,  
C. C. JONES.