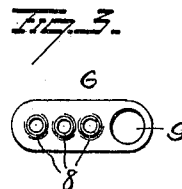
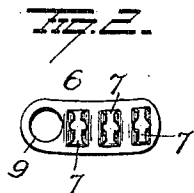
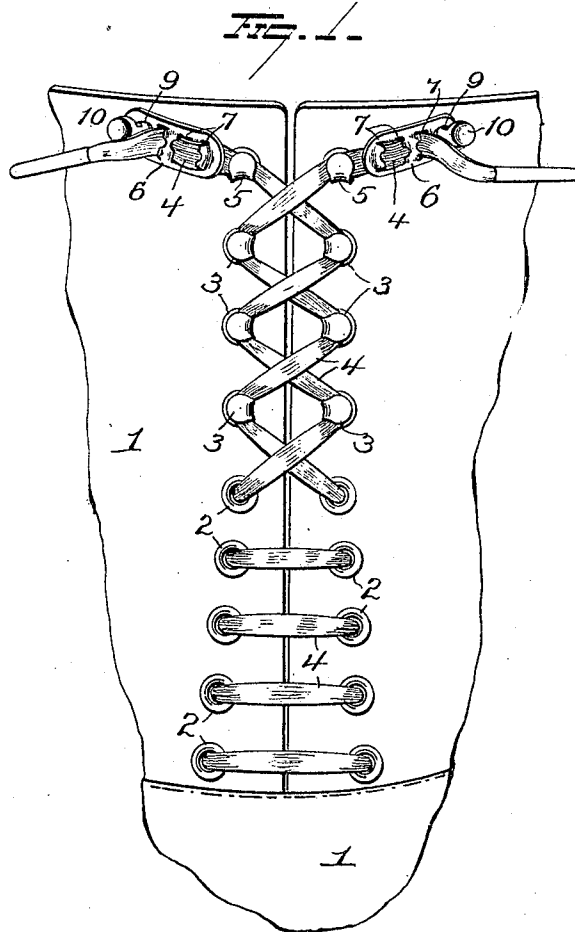


No. 837,331.

PATENTED DEC. 4, 1906.

W. A. McDANIEL.
SHOE LACE SECURING DEVICE.
APPLICATION FILED FEB. 28, 1906.



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SHOE-LACE-SECURING DEVICE.

No. 837,331.

Specification of Letters Patent.

Patented Dec. 4, 1906.

Application filed February 28, 1906. Serial No. 303,488.

To all whom it may concern:

Be it known that I, WILLIAM A. McDANIEL, a resident of Fort Wayne, in the county of Allen and State of Indiana, have invented certain new and useful Improvements in Shoe-Lace-Securing Devices; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in shoe-lace-securing devices, the object of the invention being to provide improvements of this character which will permit adjustment of the devices on any style of lace and when once adjusted needs no further attention and may be regularly caught over a hook or pin and will secure the lace against possibility of accidentally becoming unlaced.

With this object in view the invention consists in certain novel features of construction and combinations and arrangements of parts, as will be more fully hereinafter described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a view in elevation illustrating my improvements. Fig. 2 is an enlarged detail view; and Fig. 3 is a view similar to Fig. 2, illustrating a modification.

1 represents a shoe provided with eyelets 2 and studs 3, permitting the shoestring 4 to be laced in any desired manner. The top pair of studs 5 are disposed at right angles to the studs 3 to give the shoe-lace free movement therein and to compensate for movements of the foot and ankle in walking and the like after the lace is secured by my improved devices, as will now be explained.

6 represents my improved fastener, which comprises a short strip of sheet metal provided with a series of slots 7, (three being shown,) which are formed by punching the metal outward, so as to form a series of fixed jaws projecting outwardly from the face of the strip at edges of the slots 7 to engage the lace and prevent slipping of the fastener when once adjusted on the lace. The central portions of these slots 7 are preferably approximately circular, as shown, so that a round lace can be accommodated as well as a

flat lace, and in the modification shown in Fig. 3 I provide a series of outwardly-punched round openings 8 instead of slots. An opening 9 is provided in the end of fastener 6 to engage over a hook or notched pin 10 on the shoe and securely hold the string or lace against possibility of becoming unlaced.

When the fastener 6 is once adjusted on the string or lace, the shoe can be unlaced and laced without disturbing the position of the fastener on the lace, and the latter will remain in position to engage over its hook or pin and secure the lace when the shoe is laced to its normal position according to the judgment of the user. It will further be observed that by punching the metal outward to form the slots therein the string or lace will be received in a more or less countersunk portion of the metal strip and permits the latter, which is curved slightly to conform to the shape of the shoe, to lie snugly against the shoe and more perfectly hold thereagainst and out of danger of being accidentally knocked from its hook or pin.

Slight changes might be made in the general form and arrangement of parts described without departing from my invention, and hence I do not restrict myself to the precise details set forth, but consider myself at liberty to make such slight changes and alterations as fairly fall within the spirit and scope of the appended claims.

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A fastener for laces, comprising a single metal strip having a series of holes for the passage of a lace, an integral jaw projecting outwardly from the face of the strip at an edge of each of said holes, and means for removably attaching the device to a shoe-upper or similar article.

2. A fastener for laces, comprising a single sheet of metal having punched lacing-holes, the metal of the strip alongside said holes projecting outwardly from one face of the strip, and means for attaching the strip to a shoe-upper or similar device.

3. A fastener for laces, comprising a strip of sheet metal having elongated lacing-holes,

each lacing-hole having an approximate circular enlargement between its ends, and the metal of the strip projecting outwardly from one face thereof alongside said lacing holes
5 and means for attaching the strip to a shoe-upper or similar device.

In testimony whereof I have signed this

specification in the presence of two subscribing witnesses.

WILLIAM A. McDANIEL.

Witnesses:

CHARLES KIENZLE,
CLARA WATERS.