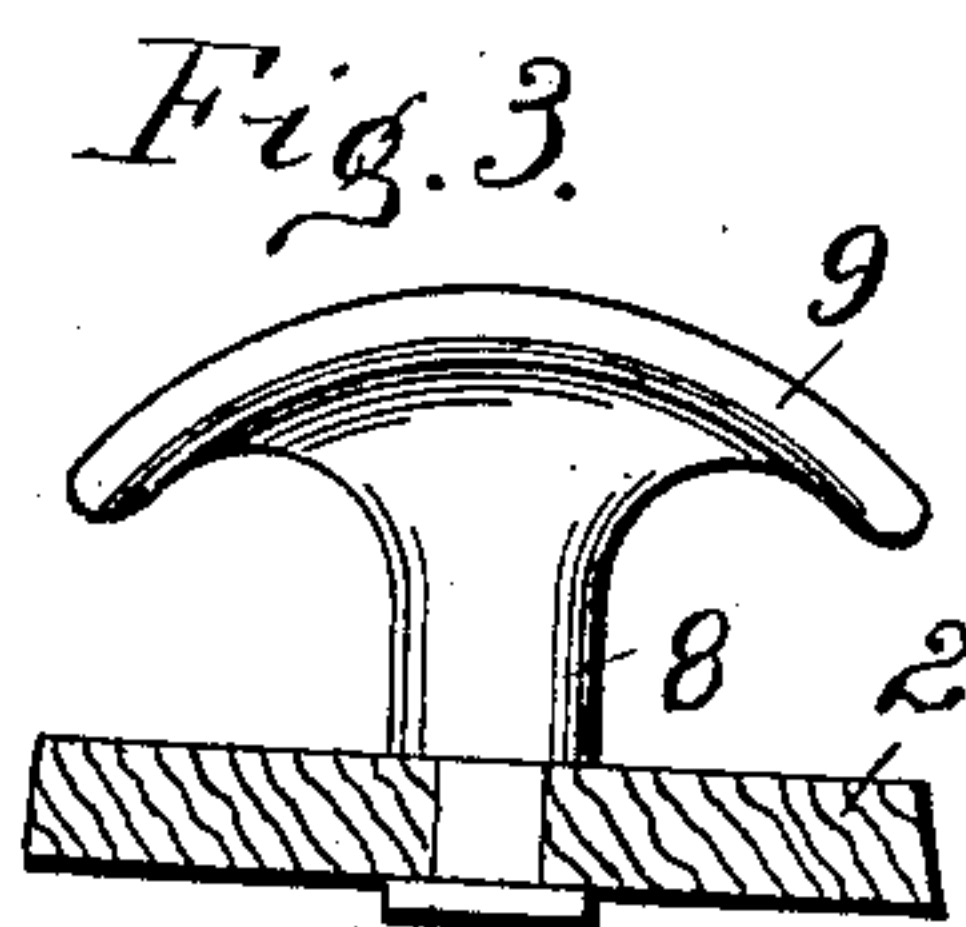
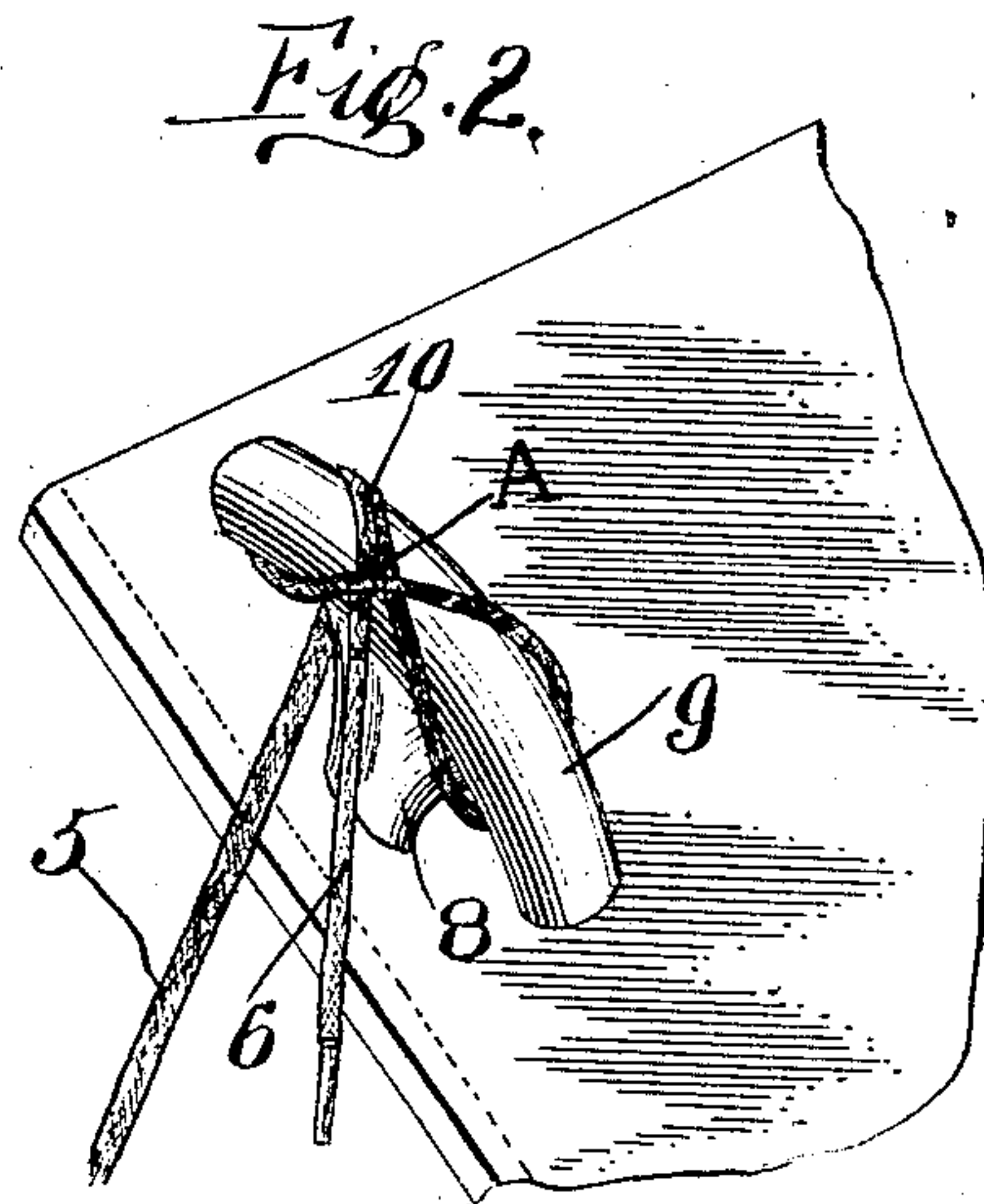
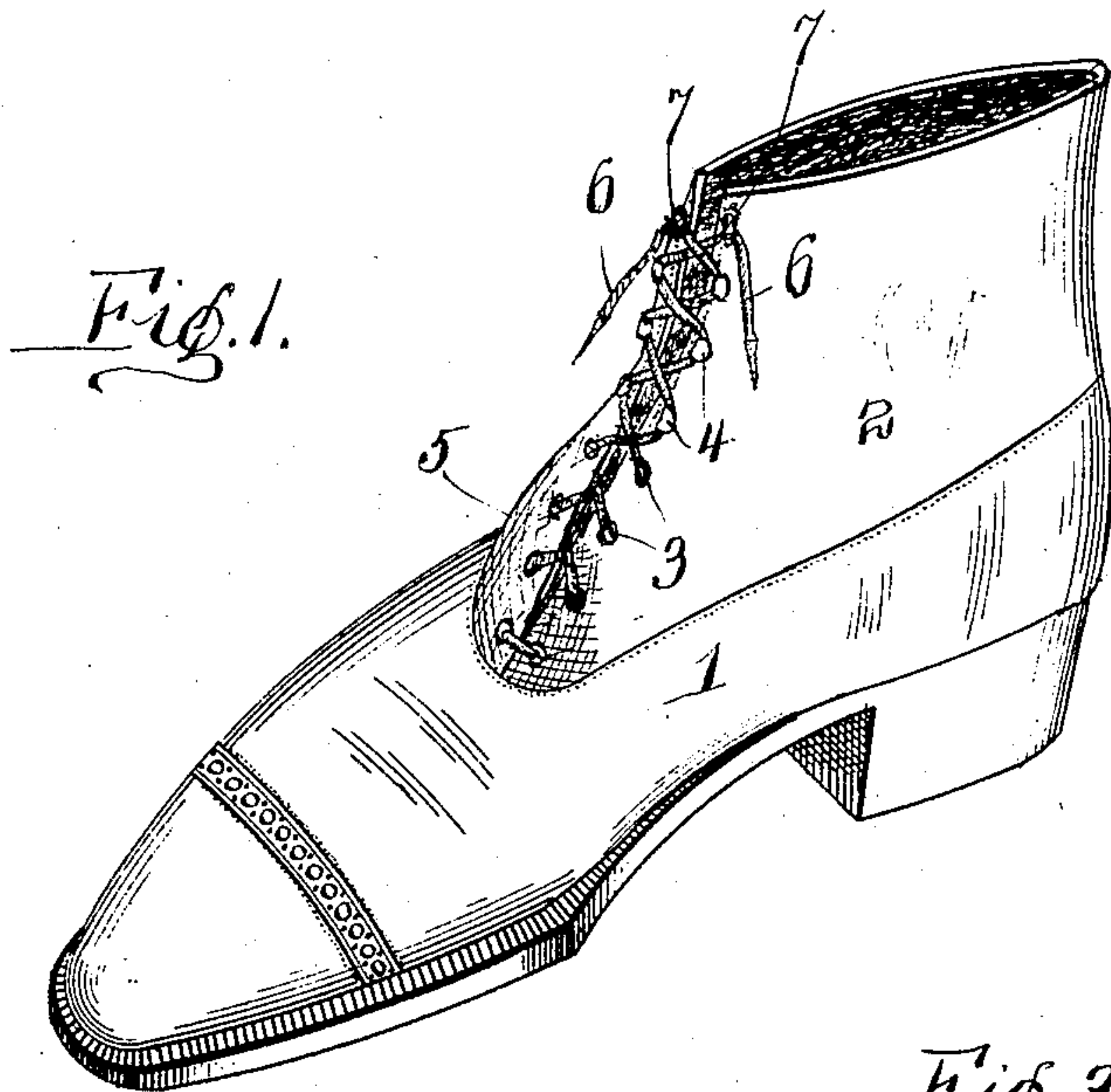


No. 862,875.

PATENTED AUG. 13, 1907.

H. BEHRENS.  
SHOESTRING FASTENER.  
APPLICATION FILED APR. 12, 1906.



Witnesses:  
Jesse C. Miller.

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Attorneys.



# UNITED STATES PATENT OFFICE.

HENRY BEHRENS, OF OAKDALE, PENNSYLVANIA.

## SHOESTRING-FASTENER.

No. 862,875.

Specification of Letters Patent.

Patented Aug. 13, 1907.

Application filed April 12, 1906. Serial No. 311,280.

*To all whom it may concern:*

Be it known that I, HENRY BEHRENS, a citizen of the United States of America, residing at Oakdale, in the county of Allegheny and State of Pennsylvania, have  
5 invented certain new and useful Improvements in Shoestring-Fasteners, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to certain new and useful improvements in shoe string fasteners, and the invention  
10 has for its primary object to provide a simple and inexpensive fastener for shoe laces, to which the laces may be secured and thereby dispense with the tying of shoe laces as heretofore. To this end, I have devised a fastener, which is placed upon each side of the upper of a  
15 shoe, directly above the uppermost set of hooks used in connection with a laced shoe. The fasteners are preferably riveted in the upper of the shoe and are formed with T-shaped heads around which the ends of  
20 the shoe laces are wound or hitched, and firmly held until removed.

The detail construction entering into my invention will be hereinafter more fully described and claimed, and referring to the drawing accompanying this application, like numerals of reference designate corresponding  
25 parts throughout the several views, in which:—

Figure 1 is a perspective view of a shoe equipped with my improved fastener, Fig. 2 is a perspective view of my improved device, showing the method which is  
30 employed in securing the shoe-string thereto. Fig. 3 is a detail view.

In the accompanying drawing, I have illustrated a conventional form of shoe 1, as having an upper 2, provided with eyelets 3 and hooks 4. The shoe 1 is secured upon a person's foot by a lace 5 which engages  
35 in the eyelets 3 and around the hooks 4, the ends 6, 6 of the laces terminating their connection with the hooks at points near the upper of the shoe.

My invention resides in providing the upper of the shoe 2 with two fasteners 7, 7, each fastener consisting  
40 of a shank portion 8 and a curved T-shaped-head 9, the curvature of the head being such as to provide undercut recesses therebelow, adjacent the point of juncture of the head and shank. The head is preferably of greater width, in cross-section than the shank,  
45 thereby preventing, with the undercut recesses, the loops of the lace from passing off of the arms while the lace is being secured. The fastener is secured to the shoe upper in such position as to provide a space between the outer surface of the upper and the lowest  
50 point of the arms in order that the lace or its loops can be readily placed over the ends of the arms. The fasteners are preferably constructed of light and durable metal and are riveted or otherwise secured within the  
55 upper 2 of the shoe. When the shoe has been laced to

the point where it is desired to secure the lace, the end of the latter is passed around the arms successively in the form of loops, the latter preferably crossing on the outer surface of the head, this operation being continued until the end of the lace has almost been reached, 60 whereupon a loop is formed by grasping the lace adjacent its end and passing the end beneath that portion of the lace on the opposing side of the grasping point, and then placing the loop so formed on the arm and drawing the end taut. This loop is similar to the others 65 previously placed on each of the arms during the preliminary operation, but prior to being placed in position, it is inverted. From this it will be seen that a particular length of end of the lace is not essential. If of greater length than is absolutely necessary, the lace is 70 carried over the arms successively until approximately the proper length of end remains, this being accomplished without releasing the tension on the lace; hence the presence of loose ends of objectionable length is avoided, a structure of positive advantage. 75

In providing a shoe with my improved fasteners, considerable time and labor is saved and the troublesome feature of shoe strings or laces becoming entangled obviated. I do not care to confine myself to the type of shoe in connection with which the fasteners are used, 80 or to their specific shape and construction, and such changes as are permissible by the appended claims, may be resorted to without departing from the spirit and scope of the invention.

What I claim and desire to secure by Letters Patent, 85 is:—

1. A lace or tie fastener of substantially T-shape and having its laterally-extending arms curved outwardly and downwardly to provide undercut recesses on opposite sides of the shank, said shank being adapted to be secured to a shoe upper with the ends of the arms spaced from the outer surface of the upper, whereby the lace may be looped about said arms successively and secured by inverting the last loop prior to its being placed on the arm, the undercut recesses receiving a plurality of successively-formed-loops 95 without liability of such loops being disengaged during the lace-securing operation.

2. A lace or tie fastener of substantially T-shape and having its laterally-extending arms curved outwardly and downwardly and of greater width than the width of the shank adjacent thereto to provide undercut recesses on opposite sides of the shank, said shank being adapted to be secured to a shoe upper with the ends of the arms spaced from the outer surface of the upper, whereby the lace may be looped about said arms successively and secured by inverting the last loop prior to its being placed on the arm, the undercut recesses receiving a plurality of successively-formed loops without liability of such loops being disengaged during the lace-securing operation. 100

In testimony whereof I affix my signature in the presence of two witnesses. 110

HENRY BEHRENS.

Witnesses:

WILLIAM W. STEWART,  
WILLIAM WEITZEL.