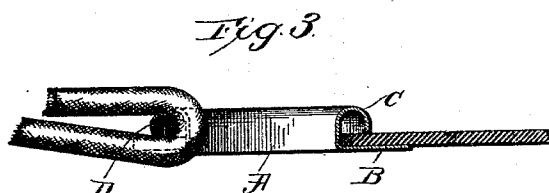
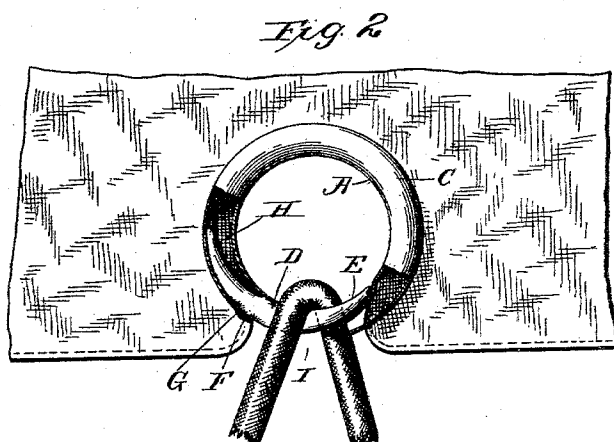
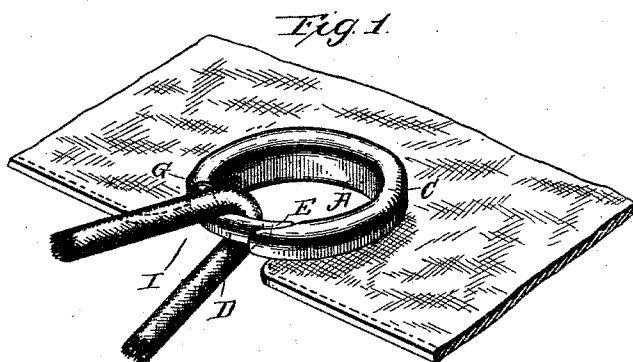


(No Model.)

H. KOLLOCK.
SHOE LACE FASTENER.

No. 571,670.

Patented Nov. 17, 1896.



Witnesses
E. C. Wurdeman
S. J. Williamson

Inventor
Harry Kollock
By Geo. H. Holgate
Attorney

UNITED STATES PATENT OFFICE.

HARRY KOLLOCK, OF PHILADELPHIA, PENNSYLVANIA.

SHOE-LACE FASTENER.

SPECIFICATION forming part of Letters Patent No. 571,670, dated November 17, 1896.

Application filed May 26, 1896. Serial No. 593,128. (No model.)

To all whom it may concern:

Be it known that I, HARRY KOLLOCK, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Shoe-Lace Fasteners, of which the following is a specification.

My invention relates to a new and useful improvement in shoe-lace fasteners, and has for its object to provide a device of this description which when secured in place upon a shoe will have all the appearance of an eyelet, and when the lace is attached thereto will give the effect of said lace passing through the eye, and yet when it is necessary to lace a shoe having my improvement applied thereto the same may be accomplished without passing the ends of the lace through the eyelet; but said lace may be secured to the eyelets by simply pressing it against a spring-actuated hook, thus greatly facilitating the lacing of a shoe, while in no wise detracting from the general appearance thereof.

With these ends in view my invention consists in the details of construction and combination of elements hereinafter set forth, and then specifically designated by the claims.

In order that those skilled in the art to which this invention appertains may understand how to make and use the same, I will describe its construction and operation in detail, referring to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is an enlarged perspective of one of my fasteners secured in place upon a section of the shoe; Fig. 2, a plan view of the same, a portion of the eyelet being broken away so as to illustrate the manner of securing the hook to said eyelet; and Fig. 3, a central section of the same.

In carrying out my invention I provide an eyelet A, which is so constructed as to permit of its being riveted to the shoe in the ordinary manner, the flange B serving to prevent the withdrawal of the eyelet upward, and the bead C serving to prevent the eyelet passing through the hole in which it is set in the opposite direction. The bead C is formed by the overturning of the upper edge of the eyelet and is of sufficient size to raise the upper edge of the eyelet somewhat above the sur-

face of the leather, as clearly shown in Figs. 1 and 3. A portion of this bead is cut away, and the break therein formed is closed by the hook D, which latter upon its upper side is of the same general shape and contour as the bead, thus giving the bead approximately the same appearance as though it were not cut away, and the beak E of this hook is so beveled as to match with a corresponding bevel upon the inner side of the bead, so that the central opening of the eyelet will not be altered.

The hook is secured within one of the cut-away ends of the bead by being set therein and secured against removal by the enlargement F, formed thereon, which fits within a depression G, formed in the outer wall of the bead, as clearly shown in Fig. 2. The extension H of the hook lies within the bead and is so shaped as to act as a spring by bearing against the outer wall of said bead, and by this arrangement the hook is given a tendency to normally lie in its closed position. From this description it will be seen that a shoe fitted with a series of my improved fasteners upon the edges of the flaps may be quickly laced by forcing the lacing against the spring action of the hook, thereby causing said hook to spring inward sufficiently to permit the passage of the lacing therebetween and the bead, whereby said lacing will pass within the eyelet, as clearly shown.

When the lacing is once within the eyelet, it will be impossible to withdraw it therefrom other than by pulling it backward until the ends thereof have passed without said eyelets. It is to be noted that the lacing when in engagement with an eyelet passes around the hook in such manner that the lower section thereof lies within the notch I, cut in the leather for that purpose, while the upper section thereof is drawn over said hook.

While I have shown the hook secured within the bead by a loose joint, it is obvious that said hook may be riveted or otherwise secured therein, the only essential being that the hook shall have a limited movement inward when sufficient pressure is brought to bear thereon to force the lacing within the eyelet.

Other slight modifications might be made in my improvement without departing from the spirit of my invention, and I therefore

do not wish to be limited to the exact design here shown.

Having thus fully described my invention, what I claim as new and useful is—

5 1. A shoe-lace fastener consisting of an eyelet adapted to be secured to the material of which the shoe is made, and having a bead, a portion of which is cut away the gap being filled by a hook, substantially as and for the
10 purpose set forth.

2. In combination with a shoe an eyelet adapted to be attached thereto, said eyelet having a bead formed upon its upper portion, a portion of said bead being cut away, and a
15 hook pivoted within said bead so as to close the cut-away portion thereof, substantially as and for the purpose set forth.

3. A shoe-fastener consisting of an eyelet adapted to be attached to the shoe in combi-

nation with a hook pivoted to said eyelet in 20 such manner that the lacing may be forced within the eyelet without its end being passed therethrough, as specified.

4. The herein-described combination of eye- 25 let, a bead formed upon the upper portion, a portion of said bead being cut away, a hook pivoted to said bead and adapted to close said cut-away portion, and an extension H formed with said hook adapted to act as a spring to 30 hold the latter in its normal position, substantially as and for the purpose set forth.

In testimony whereof I have hereunto affixed my signature in the presence of two subscribing witnesses.

HARRY KOLLOCK.

Witnesses:

S. S. WILLIAMSON,

L. C. MORRISON.