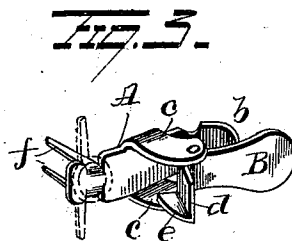
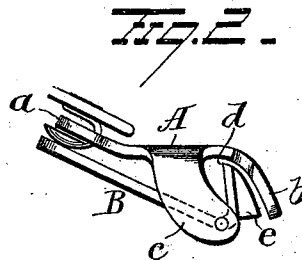
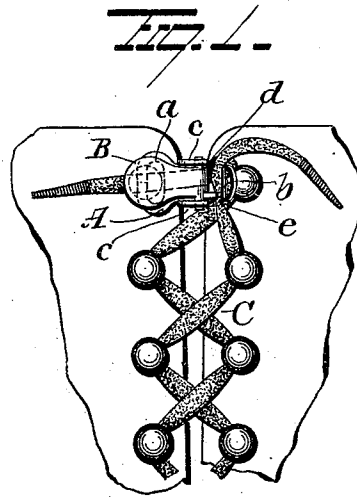


(No Model.)

S. J. SIMMONS.  
SHOESTRING FASTENER.

No. 514,284.

Patented Feb. 6, 1894.



Witnesses  
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# UNITED STATES PATENT OFFICE.

SAMUEL J. SIMMONS, OF BOSTON, MASSACHUSETTS, ASSIGNOR OF ONE-HALF  
TO WILLIAM O. SIMMONS, OF SAME PLACE.

## SHOESTRING-FASTENER.

SPECIFICATION forming part of Letters Patent No. 514,284, dated February 6, 1894.

Application filed November 16, 1893. Serial No. 491,108. (No model.)

*To all whom it may concern:*

Be it known that I, SAMUEL J. SIMMONS, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Shoestring-Fasteners; 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 an improvement in shoe string fasteners,—the object of the invention being to produce a simple and efficient device whereby to fasten the ends of a shoe string together.

A further object is to produce a shoe string fastener which shall be so constructed that the ends of the string can be effectually united or fastened and so that it can be quickly and easily operated to release the string by merely pulling upon one of the ends thereof.

With these objects in view the invention consists in certain novel features of construction and combinations and arrangements of parts as hereinafter set forth and pointed out in the claims.

In the accompanying drawings: Figure 1 is a view showing the application of my invention. Fig. 2 is a detail view. Fig. 3 is a view of the device adapted to be secured to a lady's shoe having eyelets.

A represents the body portion of my improved fastener and is provided at one end with a loop or eye *a* adapted to engage the upper right hook on a shoe. The other end of the body portion *A* is made with a lip *b* projecting at right angles from said body portion and at a point in rear of said lip, two parallel ears *c, c*, are made. Between the ears *c*, a lever *B* is pivoted, said lever having a clamping jaw *d*, between which and the body portion *A*, the string *C* is clamped. The lever *B* is also made with a jaw *e* at right angles to the jaw *d*, and between this jaw *e* and the lip *b*, the other end of the string is clamped. One end of the shoe string *C* is passed through the end of the body portion and between the ears *c, c*, in position to be clamped by the jaw *d* of the lever *B*. The device is then hooked on the upper right hand hook of the shoe. The lever *B* will then be turned on its pivots suf-

ficiently to partially clamp the string and the other end of the string, from the second hook on the left hand side of the shoe, will then be inserted in the space between the ears *c* and the lip *b*, when the lever will be pressed completely down, thus causing the last-mentioned end of the string to be clamped between the jaw *e* and the lip *b*, thus tightly securing the ends of the string together. Neither end of the string will be passed around the hook on the shoe to which the device is attached. When it is desired to loosen the string to remove the shoe, the lever *B* will be raised sufficiently to release the end of the string held by the jaw *e* and lip *b*, by simply pulling upon the other end of the string. The lever *B* will then again be pressed down to retain the device on the string; where it will remain until it is again desired to fasten the ends of the string.

When the device is to be used on ladies' shoes having eyelets instead of hooks for the lacing string, the loop *a* will be omitted and one end of the body portion of the device will be cut to produce tangs *f*, which will be passed through the upper right hand eyelet of the shoe and bent against the inner face of the shoe in a manner similar to a paper fastener.

My improvements are simple in construction, cheap to manufacture and effectual in the performance of their functions.

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

1. As an article of manufacture, a shoestring fastener consisting essentially of a main or body portion adapted to be attached to one flap of a shoe, said main or body portion provided with a lip, a lever hinged to the main or body portion and provided with two jaws, one of which cooperates with the main or body portion of the fastener to receive and hold an end of the string between itself and the main or body portion of the fastener and the other with the lip to clamp the other end of the string between them, substantially as set forth.

2. As an article of manufacture, a shoestring fastener consisting of a main or body portion, said main or body portion having a lip and the latter provided with a recess in one edge

to receive an end of the string and a lever  
hinged to the main or body portion, said le-  
ver having jaws thereon which cooperate re-  
spectively with the main or body portion and  
5 the lip whereby to clamp the ends of the string,  
substantially as set forth.

3. As an article of manufacture, a shoestring  
fastener consisting of a main or body portion  
having ears on the sides and an upturned lip  
10 on one end, and a lever hinged to the ears and  
provided with jaws which cooperate with the

main or body portion and the lip whereby to  
clamp the opposite ends of the shoe string,  
substantially as set forth.

In testimony whereof I have signed this 15  
specification in the presence of two subscrib-  
ing witnesses.

SAMUEL J. SIMMONS.

Witnesses:

WM. WATT,  
SAMUEL S. FULLER.