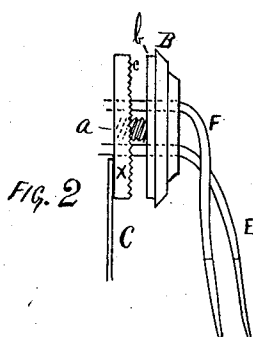
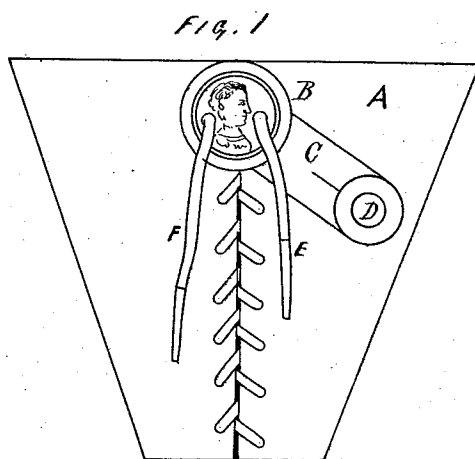


W. F. HENRY.
Shoe-String Fasteners.

No. 155,156.

Patented Sept. 22, 1874.



Witnesses:
H. E. Metcalf,
Saml. Strassburger

Inventor:
Wm. F. Henry
By C. A. Shaw
Atty.

UNITED STATES PATENT OFFICE.

WILLIAM F. HENRY, OF NASHUA, NEW HAMPSHIRE, ASSIGNOR OF ONE-THIRD HIS RIGHT TO HARRY C. HENRY, OF SAME PLACE.

IMPROVEMENT IN SHOE-STRING FASTENERS.

Specification forming part of Letters Patent No. **155,156**, dated September 22, 1874; application filed June 25, 1874.

To all whom it may concern:

Be it known that I, WILLIAM F. HENRY, of Nashua, in the county of Hillsborough, State of New Hampshire, have invented a certain new and useful Improvement in Shoe-String Fasteners, of which the following is a description sufficiently full, clear, and exact to enable any person skilled in the art or science to which my invention appertains to make and use the same, reference being had to the accompanying drawing forming a part of this specification, in which—

Figure 1 is a plan or top view of my invention, and Fig. 2 a side elevation of the same.

Like letters refer to like parts in the different figures of the drawing.

My invention relates to means for fastening or confining the strings of boots and shoes without tying them; and it consists in a clamp of novel construction, as hereinafter more fully set forth and claimed, affording a cheap, durable, and effective article for the purpose for which it is designed.

In Fig. 1, A represents a section of the boot; B, the cap of the clamp; C, a strap attached to the clamp; D, a button, and E F the strings. The clamp is made in two parts, being connected by the screw *a*, Fig. 2, the base or back part *x* having a serrated face, *c*, and the cap or front B a rubber ring or packing, *b*. One end of the strap C is buttoned to the boot by the button D, the opposite end being firmly

attached to the base of the clamp. The base and cap of the clamp are also correspondingly perforated for the admission of the strings E F.

From the foregoing the nature and operation of my invention will be readily understood by all conversant with such matters.

In the use of my invention, the boot or shoe is first laced up in the ordinary manner. The ends of the strings are then both drawn through the clamp, as shown in Fig. 2, the base being pressed down firmly upon the front of the boot or shoe, and the cap turned, the screw *a* acting to bring the two parts of the clamp forcibly together, and causing them to grasp and hold the strings with great firmness.

The rubber packing *b* and the serrations *c* may be omitted without departing from the spirit of my invention. Neither is it absolutely essential to use the strap C.

Having thus described my invention, what I claim is—

The shoe-string fastener described, consisting of the base *x* and cap B, provided with corresponding perforations for the strings E F, and connected by the screw *a*, substantially as and for the purpose set forth and specified.

WILLIAM F. HENRY.

Witnesses:

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