

L. C. BUETTNER.

MACHINE FOR SETTING EYELETS.

No. 171,770.

Patented Jan. 4, 1876.

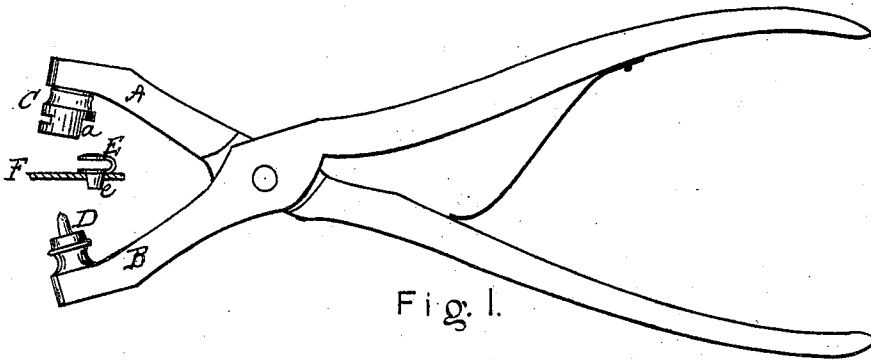


Fig. 1.

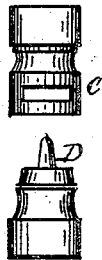


Fig. 2.

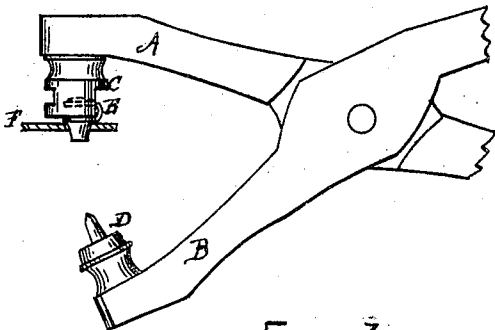


Fig. 3.

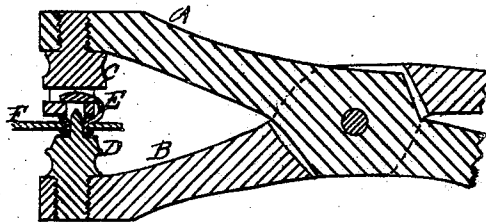


Fig. 4.

WITNESSES
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LOUIS C. BUETTNER, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN MACHINES FOR SETTING EYELETS.

Specification forming part of Letters Patent No. 171,770, dated January 4, 1876; application filed November 12, 1875.

To all whom it may concern:

Be it known that I, LOUIS C. BUETTNER, of Boston, in the county of Suffolk and State of Massachusetts, have invented an Eyelet and Hook Punch, of which the following is a specification:

The object of my invention is to produce an instrument for affixing eyelet-hooks to boots or shoes in which lacing is used; and the invention consists in the combination, with an eyelet-punch, of a device adapted to receive the eyelet-hook, which latter is of peculiar construction and known in the trade, and hold the same in such a manner after it is in place in the shoe or boot that, by pressing together the jaws of the instrument to which the devices are attached, the eyelet-hooks are firmly secured to the boot or shoe.

The eyelet-hook for which my invention is adapted is used in balmoral boots and others where lacing is required, and is designed to take the place of the eyelet.

Referring to the drawings, Figure 1 represents my invention as applied to a pair of pliers or pinchers. Fig. 2 represents the devices for holding and punching the eyelet-hooks. Fig. 3 represents the mode of adapting the device to the eyelet-hook for punching, and Fig. 4 is a section of the same with the jaws closed.

To the upper jaw A of an instrument, similar to an ordinary pair of pliers or pinchers, is attached a projecting metallic piece or lug, C, of the form shown in the several figures. Through the lower part of the lug C is a slot passing horizontally from front to rear, as shown in Figs. 2 and 4. The lower rear portion is cut away at *a*, as shown in Fig. 1.

The eyelet-hook is of the form shown at E in Fig. 1. The upper portion is round, and

is connected, by a goose-neck-shaped strip, to an eyelet, *e*, which is immediately under the top portion E. F is the piece of leather to which the eyelet-hook is attached. To the lower jaw B is attached a punch, D, of the usual construction to fit an eyelet.

In operation the eyelet portion *e* of the hook E is inserted in a hole in the upper of the boot, which is previously punched for the purpose. The instrument is then so placed that the hook portion E shall enter the rear of the slotted lug C, as shown in Figs. 3 and 4. The jaws are then brought together by pressure upon the handles of the instrument, the punch D spreading the eyelet portion *e*, and firmly securing the eyelet-hook to the boot-leather, as shown in Fig. 4. On opening the jaws the lug C is readily slipped off from the hook E, and the process repeated with the next eyelet-hook. The bottom of the lug C is so constructed that, in connection with the punch D, an ordinary eyelet may be attached to a boot or shoe, or to any other article similar to an ordinary eyelet-punch.

What I claim as my invention, and desire to secure by Letters Patent, is—

In an instrument for attaching fastenings to boots and shoes, the combination of the slotted and centrally-perforated lug C with the punch D, arranged and operating with the jaws A B, substantially as shown and described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

LOUIS C. BUETTNER.

Witnesses:

C. W. LUTTES,
E. A. STOCK.