

N. R. STREETER.
Last-Block Fasteners.

No. 145,028.

Patented Nov. 25, 1873.

Fig. 1.

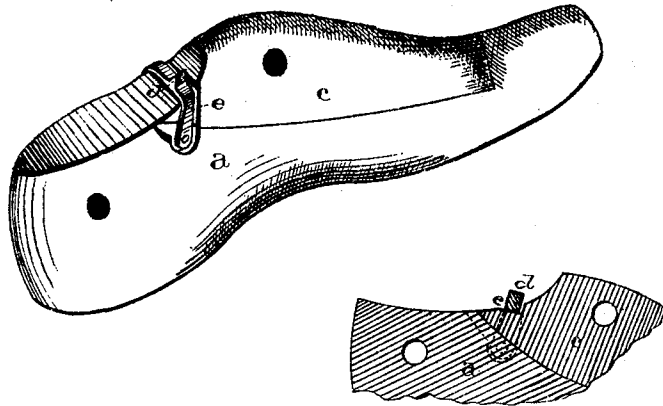
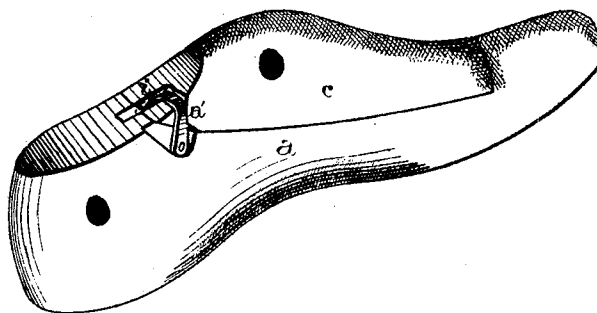
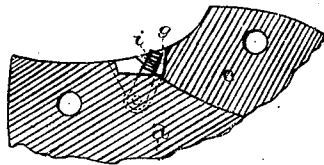


Fig. 2.



WITNESSES:

L. F. Randolph.
Wm. H. Hale



INVENTOR H.

Nelson R. Streeter
per
J. A. Lehmann, atty.

UNITED STATES PATENT OFFICE.

NELSON R. STREETER, OF GROTON, NEW YORK.

IMPROVEMENT IN LAST-BLOCK FASTENERS.

Specification forming part of Letters Patent No. 145,028, dated November 25, 1873; application filed November 21, 1873.

To all whom it may concern:

Be it known that I, NELSON R. STREETER, of Groton, in the county of Tompkins and State of New York, have invented certain new and useful Improvements in Last-Block 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 pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

The nature of my invention relates to an improvement in last-block fasteners; and it consists in a pivoted latch or clasp, which is secured to one or both sides of the last, and which catches over the rear end of the block, so as to bind the two parts firmly together, as will be more fully described hereafter.

The accompanying drawings represent my invention.

a represents an ordinary last, and *c* the block or instep-piece. Pivoted to each side of the last is the clasp *e*, which consists of a bent rod or strip of metal, which straddles the top of the last, and has a small projection, *d*, formed upon its top, behind which the operator catches with any suitable instrument to move the clasp back and forth.

When the clasp is moved forward, it catches over the rear end of the block *c*, in a notch formed for that purpose, extending across its top, and binds the block firmly to the last, so as to prevent both lateral and vertical movement.

In Figure 2 is shown a modification of my improvement, in which the clasp *a'* is pivoted on one side of the last only, and has its other end, at *i*, bent downward, so as to catch in a groove or notch, *g*, cut in the rear end of the block. The horizontal part of the clasp catches over a part of the rear end of the block, so as to hold it down, while the downwardly-turned end *i* prevents any sidewise movement in either direction.

The great advantage of these fastenings over others is that they can be attached to the last without having to cut or alter it, with the exception of a notch or groove across the rear end of the block; and they are so cheap and simple that every shoemaker can make and apply them himself.

I claim—

A last-block fastener composed of a rigid rod or strip of metal, bent as described, and pivoted to one or both sides of the last, so as to freely swing back and forth, in combination with the block *b*, having its rear end notched or slotted to receive the clasp, substantially as shown and described.

In testimony that I claim the foregoing I have hereunto set my hand this 21st day of November, 1873.

N. R. STREETER.

Witnesses:

F. A. LEHMANN,
L. F. RANDOLPH.