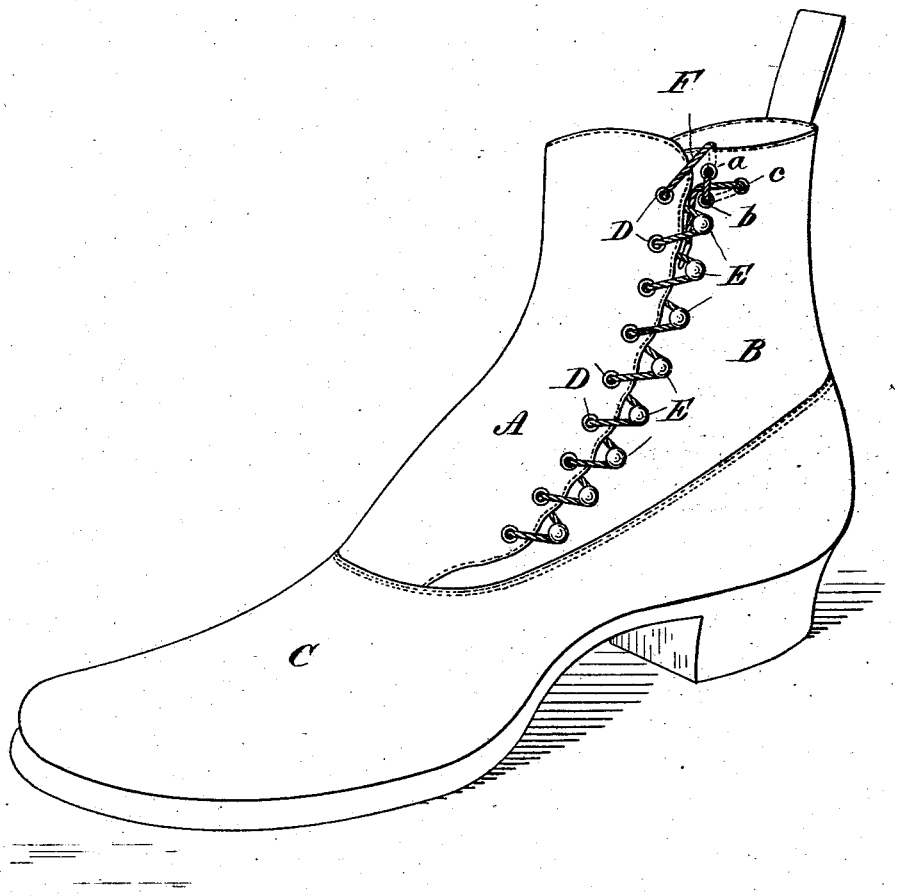
(No Model.)

E. C. C. HENDERSON & T. A. McDONALD.

SHOE LACE FASTENING.

No. 260,198. Patented June 27, 1882.



WITNESSES:

Donn Tuttle

C. Sedgwick

INVENTOR:

E. C. C. Henderson

T. A. McDonald

BY Munn & Co

ATTORNEYS.

UNITED STATES PATENT OFFICE.

EWEN C. C. HENDERSON, OF PICTOU, AND THOMAS A. McDONALD, OF DURHAM, NOVA SCOTIA, CANADA.

SHOE-LACE FASTENING.

SPECIFICATION forming part of Letters Patent No. 260,198, dated June 27, 1882.

Application filed February 23, 1882. (No model.) Patented in Canada January 30, 1882, No. 14,094.

To all whom it may concern:

Be it known that we, EWEN C. C. HENDERSON, of Pictou, Pictou county, Nova Scotia, and THOMAS A. McDONALD, of Durham, Pictou county, Nova Scotia, Canada, have invented an Improved Shoe-Lace Fastening, of which the following is a full, clear, and exact description.

This invention relates to that class of shoes which are laced with a single lace, which is alternately passed through hooks or apertures on the opposite sides of the shoe slit or opening.

The object of our invention is to facilitate fastening the upper end of the lace to prevent the lace from being loosened accidentally.

The invention consists in providing one of the flaps of the shoe with three apertures arranged in the shape of a triangle, through which apertures the lace is passed in such a manner that the end of the lace will be held by a part of the lace on the outside of the flap between two of the apertures, as will be fully described hereinafter.

Reference is to be had to the accompanying drawing, forming a part of this specification, in which a perspective view of a shoe provided with our improved shoe-lace fastening is shown.

The flaps A and B of the shoe C are provided along the edges with a series of apertures or hooks; or one flap—for instance, A—is provided with apertures D, and the other flap, B, is provided with hooks E between the apertures D, as shown. The flap B is provided above the uppermost hook, E, with three apertures, *a*, *b*, and *c*, which are arranged in the form of a triangle, the base of which is parallel with the edge of the flap B. We do not limit ourselves to this precise position of the triangle formed by the three apertures *a*, *b*, and *c*, as it can be arranged in different positions; but the position shown is preferable.

The lace F is secured to the shoe at the bottom of the shoe-opening formed by the flaps A and B, and from these the lace is alternately passed around a hook, E, and through an aperture, D. From the uppermost hook, E, which is on the flap B, the lace F is passed under the flap A and through the uppermost aperture, D, of the same. From there the end of the lace is passed over the upper edge of the flap B, and through the aperture *a* from the inside to the outside, through the aperture *b* from the outside to the inside, and through the aperture *c* from the inside to the outside. The end of the lace is then passed under that part of the lace resting on the outside of the flap B between the apertures *a* and *b*, and from there the end of the lace hangs downward. The end of the lace is thus held without requiring knotting or tying, and the end of the lace can be fastened or unfastened very rapidly and conveniently.

This fastening can be provided on all shoes that can be fastened with a single lace; or it can be used on gloves, for lacing parts of harness or other leather or cloth articles.

Having fully described our invention, we claim as new and desire to secure by Letters Patent—

A single-lace shoe whose flaps or quarters are provided with holes and hooks D E, or their equivalents, and above the hooks with three holes, *a b c*, arranged substantially as described, whereby the free end of the lace may be secured in the manner set forth.

EWEN C. C. HENDERSON.
THOMAS A. McDONALD.

Witnesses:
W. E. MACLELLAN,
WILLIAM A. DICKSON.