

J. W. & T. A. McDONALD.
SHOE LACE FASTENERS.

No. 179,806.

Patented July 11, 1876.

Fig. 1.



Fig. 2.

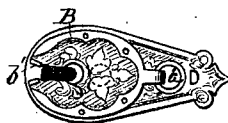


Fig. 3.

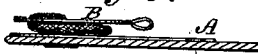
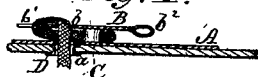


Fig. 4.



WITNESSES:

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UNITED STATES PATENT OFFICE.

JAMES WM. McDONALD, OF CAMPBELLTON, NEW BRUNSWICK, AND THOMAS ANTHONY McDONALD, OF DURHAM, NOVA SCOTIA, CANADA.

IMPROVEMENT IN SHOE-LACE FASTENERS.

Specification forming part of Letters Patent No. **179,806**, dated July 11, 1876; application filed May 5, 1876.

To all whom it may concern:

Be it known that we, JAMES WILLIAM McDONALD, of Campbellton, Province of New Brunswick, Canada, and THOMAS ANTHONY McDONALD, of Durham, Province of Nova Scotia, Canada, have invented a new and Improved Boot and Shoe Lace Fastener; and we do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, forming part of this specification, in which—

Figure 1 is a view in perspective of a boot to which our invention is applied; Fig. 2, a plan of the fastener. Figs. 3 and 4 are longitudinal sections of the same.

The invention relates to the ready, secure, and convenient fastening of lace-boot strings by novel means, which consist of two connected plates, the string being passed through, as well as between, the plates, and then cramped by the pressure, so that escape cannot readily occur.

A represents a base-plate, which is connected with an outer, and preferably a more ornamental, plate, B, by a stud, C, the former provided with two holes, *a a'*, which, being applied to corresponding holes in lace-boot, enable the plate to be fastened thereto by eye-lets D D. The plate B also has a hole, *b*, registering with hole *a*, open slot or hole *b'* at its front end, having the inner edge made round,

and the rear projection *b*² doubled over and under. The shoe, having been laced up, each end of the string is passed through holes *a b*, then bent until the string is caught in open slot *b'*, then wound one or more times over and around the stud C, and between the plates A B. As the plate B is more or less elastic, the string is cramped between the plates, and is prevented from escape by the rear projection *b*². In this manner each end of string is quickly and securely fastened, and yet so that it can be readily unfastened, while no tie is made across the leg to interfere with the circulation of blood in the extremities, or annoy the wearer by its pressure.

Having thus described my invention, what I claim as new is—

A boot or shoe lace fastener, consisting of plates A B, connected by stud C, and having, respectively, holes *a a'*, *b b'*, the plate B being also provided with projection *b*², substantially as shown and described.

JAMES WILLIAM McDONALD.

THOS. A. McDONALD.

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