

United States Patent Office.

OLIVER H. MARSTON, OF SANDWICH, NEW HAMPSHIRE, AND MOSES L. MORSE, OF STONEHAM, MASSACHUSETTS.

Letters Patent No. 74,839, dated February 25, 1868

IMPROVED DEVICE FOR FASTENING SHOE-LACINGS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that we, OLIVER H. MARSTON, of Sandwich, in the county of Carroll, and State of New Hampshire, and MOSES L. MORSE, of Stoneham, in the county of Middlesex, and Commonwealth of Massachusetts, have invented a new and useful Machine for Fastening Shoe-Lacings, Straps, Ribbons, Cords, or other Strings; and we do hereby declare that the following is a full, clear, and exact description of the construction of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a top view of the single lacing-fastener.

Figure 2 is a longitudinal section of the single lacing-fastener.

Figures 3 and 5 are top views of the double lacing-fastener.

Figure 4 is a longitudinal section of the double lacing-fastener.

The letter *a* represents the metallic base of the fastener, having the edges *d* bent upward at any convenient angle. The letter *b* represents the metallic spring, resting upon the base, and fastened thereto, the edges *f* of the spring being bent downward at any convenient angle. The letter *c* represents the openings in the base to allow the lacing to pass through. The letter *e* represents the ends of the spring, which are bent upward to allow the lacing to be slipped under the same readily. The letter *g* represents an opening in the base, through which a rivet may be passed to fasten the same to leather or cloth.

The base is made of metal or any equivalent substance, and may be of any convenient form. Upon the base is fastened the elastic spring, which may be of metal or any equivalent elastic substance.

The operation of the machine is as follows: The lacing is first passed up through the opening *c*. It is then slipped under the end, *e*, of the spring, and passed along to the middle of the outward edge of the same, where it is held fast by the pressure of the spring upon the lacing against the upturned edge *d* of the base.

What we claim as our invention, and desire to secure by Letters Patent, is—

1. The base, *a*, having openings, *c*, for the lacings to pass through, and having the ends, *d*, bent upward at any convenient angle.
2. The spring *b*, having the edges *f*, which are parallel to the upturned edges *d* of the base, slightly bent downward.
3. The combination and arrangement of the base, *a*, with the spring *b*, to operate together as specified.

OLIVER H. MARSTON,
MOSES L. MORSE.

Witnesses:

SILAS DEAN,
MARY L. QUINBY.