

No. 724,809.

PATENTED APR. 7, 1903.

M. A. CLARKSON.
SHOE LACE FASTENER.

APPLICATION FILED MAR. 29, 1902.

NO MODEL.

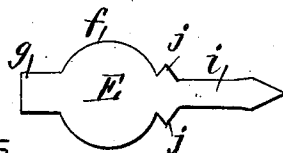
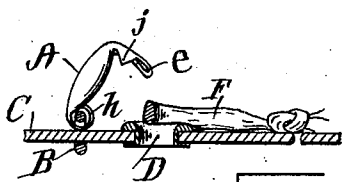
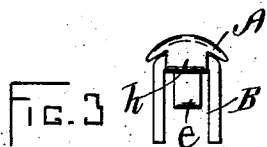
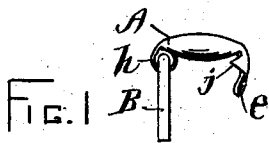


FIG. 7

FIG. 8

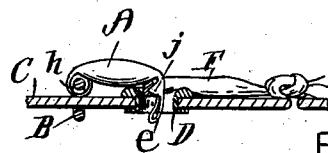


FIG. 10

FIG. 11

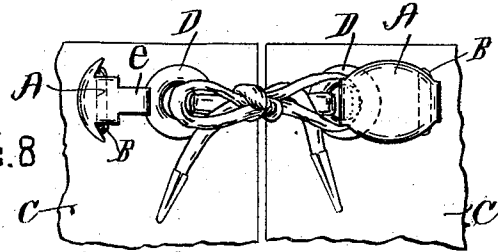
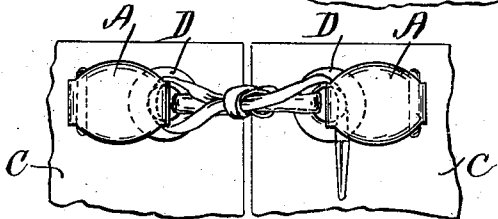


FIG. 13



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MARGARET ANN CLARKSON, OF PROVIDENCE, RHODE ISLAND.

SHOE-LACE FASTENER.

SPECIFICATION forming part of Letters Patent No. 724,809, dated April 7, 1903.

Application filed March 29, 1902. Serial No. 100,613. (No model.)

To all whom it may concern:

Be it known that I, MARGARET ANN CLARKSON, a citizen of the United States, residing at Providence, in the State of Rhode Island, have invented a new and useful Improvement in Shoe-Lace Fasteners, of which the following is a specification.

The object of my invention is to provide a shoe-lace fastener which is adapted to hold the shoe-lace firmly and prevent slipping and also adapted to hold the loop of the bow-knot, and thus prevent any part of the shoe-lace from becoming loosened; and my invention consists in the improved construction and application of the fastening-hook, as hereinafter set forth and claimed.

In the accompanying drawings, Figure 1 represents a side view of my improved shoe-lace fastener prior to its attachment to the shoe. Fig. 2 represents a front view of the same. Fig. 3 represents a rear view. Fig. 4 represents a top view. Fig. 5 represents the outspread blank from which the fastening-hook is formed. Fig. 6 represents a sectional view showing the fastening-hook in engagement with the eyelet to hold the shoe-lace. Fig. 7 represents a sectional view showing the fastening-hook disengaged from the eyelet and turned upward. Fig. 8 represents a detail top view showing the fasteners as applied to a double bow-knot. Fig. 9 represents the fastening of a single bow-knot by means of the fastening-hook.

In the drawings, A represents the fastening-hook, B the wire staple by means of which the fastening-hook is secured to the leather C of the shoe, and D represents the eyelet, into which the projecting lip *e* of the hook A passes. The hook A is formed of a sheet-metal blank E, cut out as shown in Fig. 5, with the circular body portion *f*, the rearwardly-projecting portion *g*, adapted for rolling into a tube *h* for holding the attaching-staple B and form-

ing the hinge-joint, and with the forwardly-extending tongue *i*, the end portion of which is folded inwardly to form the engaging lip *e* and provided at its base with the spurs *j, j*, which are adapted for engagement with the shoe-lace F to hold the same firmly when the hook A is in engagement with the eyelet D, as shown in Fig. 6, the opened condition of the fastening-hook being shown in Fig. 7. The hook A is secured to the shoe by clenching the ends of the staple B at the back of the leather C, as shown in Fig. 6, so that the hook may be turned upon the inclosed portion of the staple. When the hook A is closed into the eyelet D, it bears upon the shoe-lace F, the spurs *j, j*, which are located at the edge of the base portion of the lip *e*, engaging with the shoe-lace to prevent the same from slipping from under the hook. My improved fastening-hook is employed at the topmost eyelet in each of the rows of eyelets used for fastening the shoe, and if a single bow-knot is made in the shoe-lace the loop may be held securely by one of the fastening-hooks, as shown in Fig. 9, or when a double bow-knot is made both loops may be held by the fastening-hooks, as shown in Fig. 8.

I claim as my invention—

As a new manufacture, a shoe-lace fastener formed of a sheet-metal blank provided with a body portion, the rearwardly-projecting portion adapted for forming the tubular part of the hinge-joint, and the forwardly-extending tongue adapted to form the engaging lip, and the spurs arranged at opposite sides of the base of the lip and adapted for engagement with the shoe-lace, and the connected staple for attaching the fastening to the fabric, substantially as described.

MARGARET ANN CLARKSON.

Witnesses:

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HENRY E. REYNOLDS.