(No Model.)

E. J. MAYFIELD.

SHOE LACE FASTENER.

No. 428,758. Patented May 27, 1890.

Fig. 1.

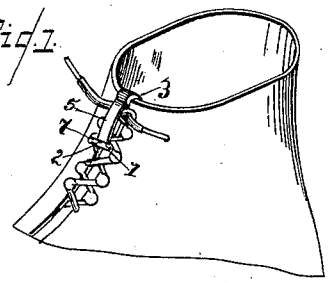


Fig. 2

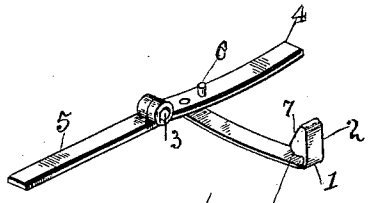
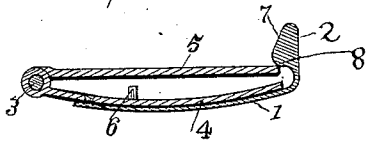


Fig. 3



Witnesses
T. Willoughby
St. J. Riley

Inventor
Elmer J. Mayfield

By his Attorneys,
C. A. Snow & Co.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

ELMER JORDON MAYFIELD, OF RICHMOND, VIRGINIA, ASSIGNOR OF TWO-THIRDS TO SIMON COHEN AND SAMUEL PROSKAUER, BOTH OF SAME PLACE.

SHOE-LACE FASTENER.

SPECIFICATION forming part of Letters Patent No. 428,758, dated May 27, 1890.

Application filed March 28, 1890. Serial No. 345,726. (No model.)

To all whom it may concern:

Be it known that I, ELMER JORDON MAYFIELD, a citizen of the United States, residing at Richmond, in the county of Henrico and State of Virginia, have invented a new and useful Shoe-Lace Fastener, of which the following is a specification.

The invention relates to lace-fasteners.

The object of the present invention is to provide a simple and inexpensive fastener adapted to readily receive and securely retain the knot or tied portion of a shoe-lace and capable of quickly releasing the same when desired.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

In the drawings, Figure 1 is a perspective view of a lace-fastener constructed in accordance with this invention, and shown applied in operative position to a shoe-lace. Fig. 2 is a similar view of a fastener, the parts being open and the clamp being slightly turned on its pivot. Fig. 3 is a longitudinal sectional view.

Referring to the accompanying drawings, 1 designates the base-plate of a lace-fastener constructed of suitable material, preferably spring metal, and is provided at one end with a projection or head 2, and has pivoted to it a clamp 3, that is composed of the leaves 4 and 5, that are hinged together and are adapted to engage the knot or tied portion of a lace to hold the latter and prevent it becoming untied. The leaves of the clamp 3 are constructed of spring metal, and the lower one 4 is provided with a projection or stud 6 to engage and hold the lace within the leaves of the clamp, and the latter are held together and in engagement with the lace by the projection or head 2, that has its upper edge 7 beveled, and is provided with a slight shoulder 8 to engage the leaves. The lower leaf 4 of the clamp is arranged beneath the shoulder 8 of the head or projection 2, and the shoe-lace is arranged in place and the upper leaf is pressed against the inclined or beveled face 7 of the head and is sprung back sufficiently to engage the shoulder 8, and when it is desired to release the shoe-lace the leaves of the clamp may be turned laterally on their pivot from beneath the shoulder, and may be readily separated.

It will readily be seen that the lace-fastener is simple and inexpensive in construction and is adapted to be readily applied to a shoe-lace, and is capable of securely clamping the latter and of being released to free the lace.

From the foregoing description and the accompanying drawings the construction, operation, and advantages of the invention will readily be understood.

What I claim is—

1. In a lace-fastener, the combination of a base-plate provided at one end with a shouldered head or projection 2, and the clamp pivoted to the base-plate and adapted to be turned laterally on its pivot and disengaged from the head or projection 2, and being composed of the leaves 4 and 5, hinged together, substantially as and for the purpose described.

2. In a lace-fastener, the spring base-plate 1, provided at one end with the projection or head 2, combined with the clamp 3, attached to the base-plate and composed of the two leaves 4 and 5, hinged together, and both leaves having their free ends lying beneath the head 2, and having the stud 6 to engage the tie of the shoe-lace, as set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

ELMER JORDON MAYFIELD.

Witnesses:

L. O. WENDENBURG,

G. CARLTON JACKSON.