S. G. NOLAN.

SHOE LACE FASTENING DEVICE.

APPLICATION FILED MAY 25, 1917.

1,265,946.

Patented May 14, 1918.

Fig. 1.

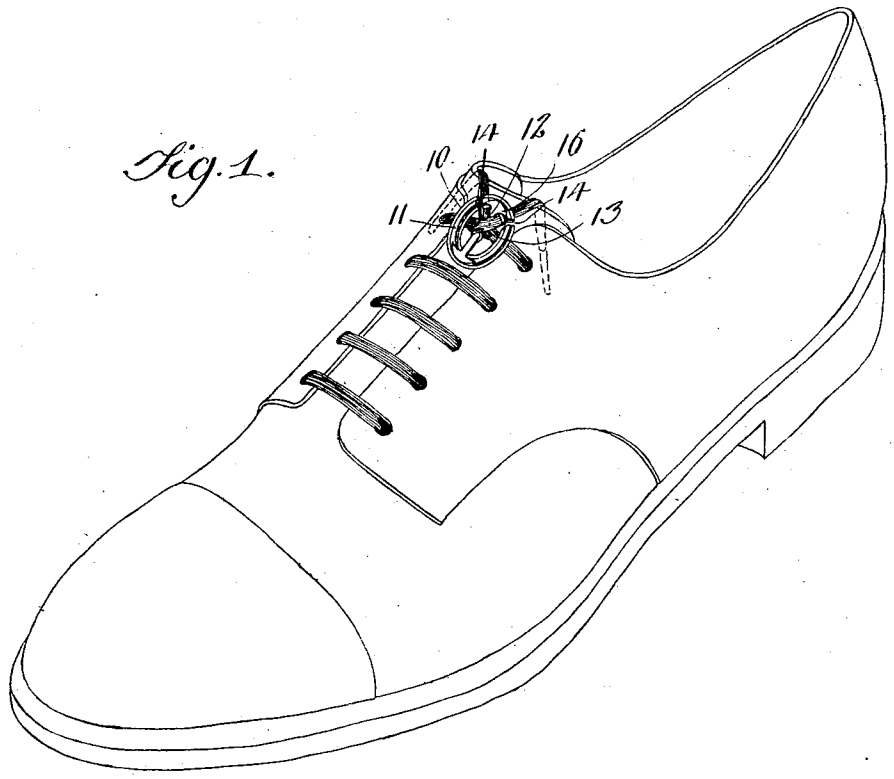


Fig. 2.

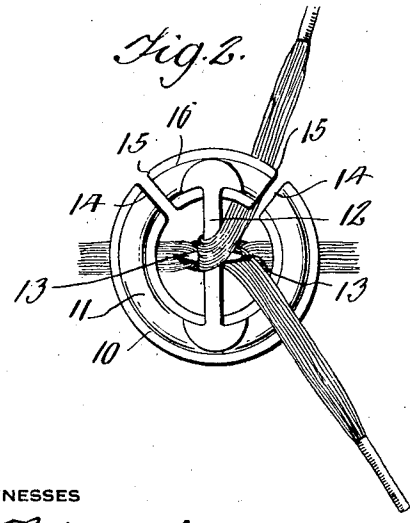
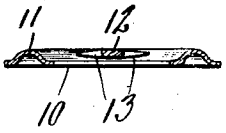


Fig. 3.



WITNESSES

E. Prideaux Jr.

Edward Geyer

INVENTOR

S. G. Nolan,

BY Victor J. Evans

ATTORNEY

UNITED STATES PATENT OFFICE.

SARAH G. NOLAN, OF WASHINGTON, DISTRICT OF COLUMBIA.

SHOE-LACE-FASTENING DEVICE.

1,265,946. Specification of Letters Patent. Patented May 14, 1918.

Application filed May 25, 1917. Serial No. 170,944.

To all whom it may concern:

Be it known that I, SARAH G. NOLAN, a citizen of the United States, residing at Washington, in the District of Columbia, have invented new and useful Improvements in Shoe-Lace-Fastening Devices, of which the following is a specification.

This invention comprehends the provision of a device for fastening the ends of shoe laces, and is so designed that it serves in the capacity of an ornamental buckle for the shoe.

The invention also embodies the desired features of simplicity and construction, which in addition to reducing the cost of manufacture and sale of the article to a minimum, permits of the device to be conveniently handled when associating the same with the shoe lace or removing the same therefrom.

The nature and advantage of the invention will be better understood when the following detail description is read in connection with the accompanying drawing, the invention residing in the construction and arrangement of parts as claimed.

In the drawing forming part of this specification like numerals of reference indicate similar parts in the several views and wherein:—

Figure 1 is a perspective view of a shoe showing the device forming the subject matter of my invention in use.

Fig. 2 is an enlarged detail view of the fastening showing one end of the lace secured thereto, and the other end of the lace in a position to enter the slot.

Fig. 3 is an enlarged detail view of the fastening.

Referring more particularly to the drawing in detail, the fastening which is indicated generally at 10 may be constructed from any suitable material, and size without departing from the spirit of the invention. As shown the device embodies a ring-like member, which by preference is substantially U-shaped in cross section, thus affording the upper side of the ring a curved or rounded surface 11 to permit the lace to be readily moved thereover, and to eliminate undue wear on the lace. The ring is integrally provided with a diametrically disposed bar 12, while projecting from the opposite sides thereof are alined laterally disposed prongs 13 which lie in the plane of the bar 12, the prongs being pointed at their extremities as shown. The ring at each side of the bar 12 is provided with a radially disposed slot 14, these slots being also disposed at one side of the prongs 13 and arranged in convergent relation. The confronting walls of each slot at their inner and outer ends are rounded as at 15 to facilitate the insertion of the lace within the slot, or its removal therefrom, and to prevent undue wear of the lace as will be readily understood.

In practice, the shoe is laced in the ordinary well known manner, and just prior to the tying of the bow, one extremity of the lace is passed through one of the slots 14, and over the bar 12 in a manner whereby the adjacent prong 13 will penetrate the lace, this arrangement being clearly shown in Fig. 2. As shown in this figure the other extremity of the lace passes through the other slot 14 and around the bar 12 so that the remaining prong 13 penetrates the lace, and in this manner the ends of the laces are properly secured. The fastening is arranged in the position illustrated in Fig. 1, and serves in the capacity of an ornamental buckle for the shoe. By reason of this fact it is to be understood that the device can vary in shape or configuration, and need not necessarily be of ring-like formation as hereinabove stated. When it is desired to remove the shoe, the extremities of the laces are removed from their respective prongs 13, and subsequently passed through the slots 14 as will be readily understood. It will be noted that the separated portion 16 of the ring provided by the slots 14, together with the bar 12 can yield to permit the device in its entirety to accommodate itself to the shoe under all conditions, should the fastening in its entirety be constructed from resilient material.

It is believed that from the foregoing description the nature and advantages of the invention will be readily apparent, but I desire to have it understood that what is herein shown and described is merely illustrative of the preferred embodiment of the invention to which I do not limit myself, and that such changes may be resorted to when desired as fall within the scope of what is claimed.

What is claimed is:—

1. A combined ornamental shoe buckle and lace fastening device embodying a member having an open center, and a plurality of slots opening at the edge of the member and

within the center, a bar extending across the center and disposed within the plane of said member, and means carried by the bar for securing the ends of the lace thereto, when said ends have been arranged within the center of said member.

2. A device of the class described comprising a ring-like member having a plurality of radially disposed slots, a bar extending across the center of said ring and lying in the plane therewith, and pointed prongs projecting from the opposite sides of the bar for the purpose specified.

3. A combined ornamental shoe buckle and lace fastening device embodying a member having an open center, and a plurality of radially disposed slots to permit the ends of the lace to be moved within the center of said member, and means fixed within said center for securing the ends of the lace thereto.

4. A device of the class described comprising a member having an open center, a cross bar projecting from said member and arranged within the center, a segment carried by the cross bar and disposed in the same plane with said member, said segment having its opposite ends slightly spaced from the member thereby forming slots through which the ends of the lace are passed to said center, and means on said bar to engage the ends of the lace for the purpose specified.

In testimony whereof I affix my signature.

SARAH G. NOLAN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."