J. T. DRESLER.

LACE FASTENING DEVICE FOR SHOES, GLOVES, AND THE LIKE.

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1,067,323. Patented July 15, 1913.

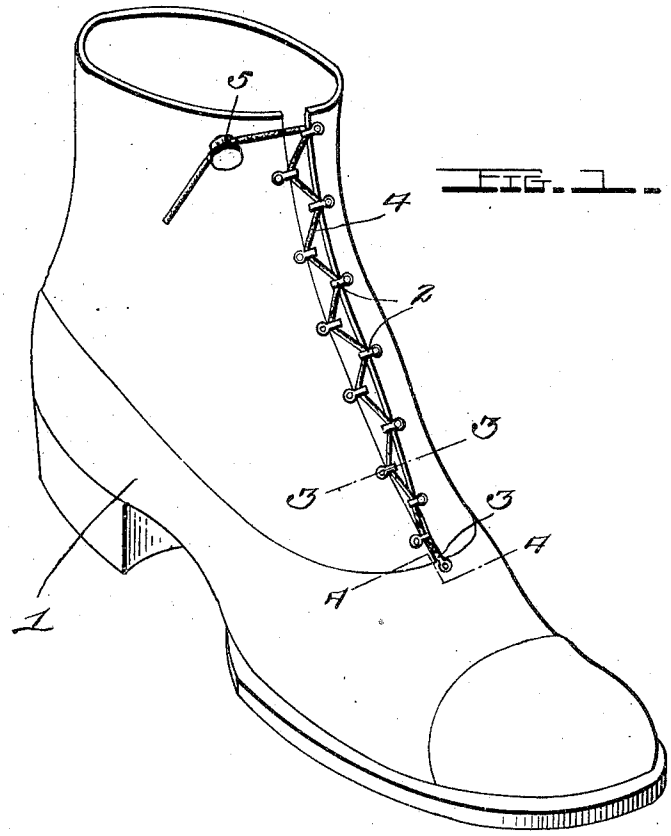


FIG. 1.

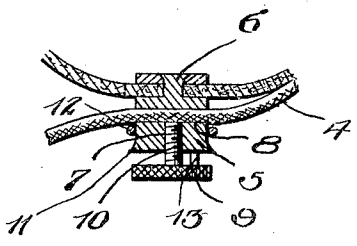


FIG. 2.

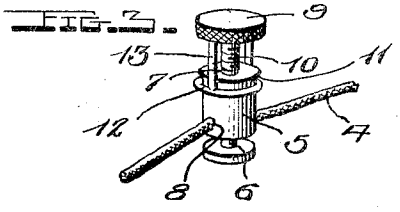


FIG. 3.

Witnesses

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LACE-FASTENING DEVICE FOR SHOES, GLOVES, AND THE LIKE.

1,067,323. Specification of Letters Patent. **Patented July 15, 1913.**

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To all whom it may concern:

Be it known that I, JOEL T. DRESLER, a citizen of the United States, residing at Salem, in the county of Roanoke and State of Virginia, have invented certain new and useful Improvements in Lace-Fastening Devices for Shoes, Gloves, and the Like, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to new and useful improvements in fastenings for shoes, gloves and the like and more particularly to a fastening device for the lace therefor and my object is to provide a device which will securely and positively retain a lace in its effective position after the latter has been drawn to bring the ends of the article together.

A further object of the invention resides in providing a device which is particularly adapted for use in connection with a shoe or glove wherein a single lace is required to draw the same to its closed position and another object is to provide a device which may be quickly and readily operated.

A still further object resides in providing a device which is extremely simple and durable in construction, inexpensive to manufacture and one which will be very efficient and useful in operation.

With these and other objects in view, the invention consists in the novel features of construction, combination and arrangement of parts as will be hereinafter referred to and more particularly pointed out in the specification and claims.

In the accompanying drawing forming a part of this application, Figure 1 is a perspective view of a shoe showing my device applied to use thereon. Fig. 2 is an enlarged section through the lace fastening device on the shoe. Fig. 3 is a perspective view of the lace securing device removed.

In describing my invention, I shall refer to the drawing in which similar reference characters designate corresponding parts throughout the several views and in which—

1 indicates a shoe, the edges of the upper of which have riveted or otherwise secured thereto, the U-shaped eyelets or keepers 2, said eyelets or keepers being projected from the respective edges of the upper and arranged in staggered relation thereon. Secured to the lower portion of the upper or what is known as the vamp thereof is an additional keeper or eyelet 3, similar to the keepers 2, which is arranged to project between the referred to edges of the upper, and engaged with this latter keeper or eyelet 3 is one end of a lacing cord 4, said cord being also disposed through the staggered keepers or eyelets 2.

My invention primarily contemplates the provision of a means for securing the lacing cord after the same has drawn the upper to its closed position, and to this end, I provide a sleeve-like body portion 5 which is provided with a shank 6 riveted or otherwise secured to the top portion of the upper. The bore 7 of this body portion 5 is threaded and extends for a portion of the length of said body to communicate with a transverse channel 8, said channel being adapted to receive therethrough the end of the lacing cord 4. A button head or the like 9 which has the peripheral edge thereof milled for obvious purposes, is provided with a threaded shank 10 which is adapted to be engaged with the threaded bore 7 of the body 5 and it will be appreciated that by turning this button head 9 in one direction, the free end of said shank 10 may communicate with the lacing cord 4 and secure the same against further movement in the body.

In practice, it will be seen that after the lacing cord has been once positioned in the shoe, as shown in Fig. 1, it will not be necessary to remove said cord from the various devices on the shoe in applying the shoe to the foot or removing the same therefrom. After the lacing cord has been drawn to close the upper tightly about the foot, it is only necessary to turn the button head 9 to secure said cord against movement and the free end of said cord may be allowed to hang below the fastening device or entered in the upper end of the shoe. When it is desired to remove the shoe from the foot, it is only necessary to turn the button head 9 in the opposite direction and the tension of the lacing cord may be released without entirely removing the same from the shoe, whereupon the foot may be slipped from said shoe.

In order to prevent the loss of the button head 9 with the shank 10 forming a securing means for the lacing cord in the device, the outer end of the body portion 5 is flared at

its peripheral edge as shown at 11, while a ring member 12 which is loosely mounted on the body portion 5 is provided with arms 13 which have their outer ends engaged with the under face of the button head 9. Thus as the button head 9 is turned, the ring member 12 with the arms 13 thereon will likewise be turned, and the outward movement of said button head will be limited by the contact of said ring member 12 with the flared portion 11 of the body, which will obviously prevent the total disengagement of the shank 10 with the body 5 and thereby prevent the loss of this securing means.

While I have particularly described my device as being used in connection with a shoe, it will be readily understood that it may also be equally well adapted for use in connection with a glove or the like and in this connection it might be stated that various changes in form, proportion and in the minor details of construction may be resorted to without departing from the spirit or sacrificing any of the principles of the invention.

Having thus described this invention, what I claim is:—

1. The combination with an article of manufacture and a lacing cord therefor; of a sleeve-like body member applied to said article and adapted to receive said lacing cord therethrough, an adjusting screw applied to said body member and adapted for engagement with said lacing cord to secure the same to said body member, and means cooperating with said body member and the head of said adjusting screw to prevent the total disengagement of the latter from the body member.

2. A lace fastening device comprising a sleeve-like body member provided with a transverse channel adjacent one end thereof, an adjusting screw extending longitudinally through said body member and adapted to enter the transverse channel thereof, a ring encircling said body member, arms connecting said ring with the head of said adjusting screw, and means formed on said body member to prevent the removal of said ring therefrom.

3. The combination with an article of manufacture, and a lacing cord therefor; of a sleeve-like body member applied to said article adapted to receive said lacing cord therethrough, an adjusting screw applied to said body and adapted for engagement with said lacing cord to secure the latter to said body, and means depending from the head of said adjusting screw and adapted for cooperation with portions of said body to prevent the total disengagement of the screw therefrom.

In testimony whereof I hereunto affix my signature in the presence of two witnesses.

JOEL T. DRESLER.

Witnesses:

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