Sept. 21, 1926. 1,600,851

B. SEGO

CLOSURE FOR SHOE UPPERS

Filed July 21, 1925

FIG. 1.

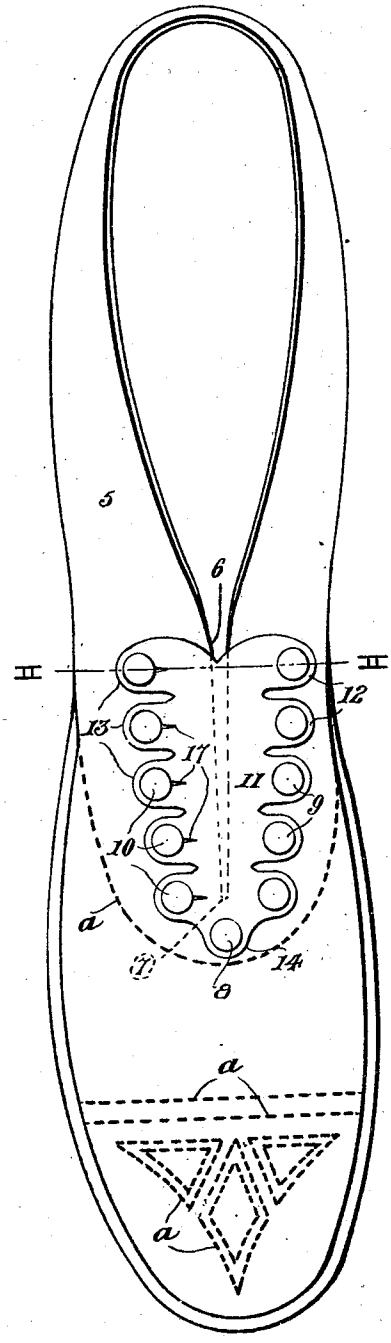


FIG. 2.

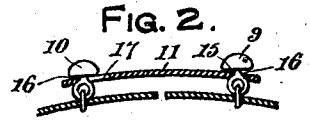


FIG. 3.

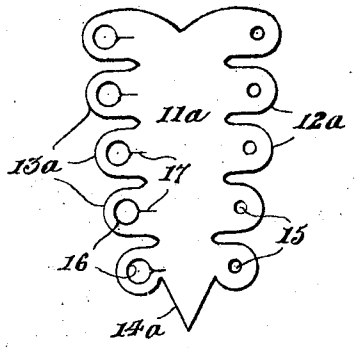


FIG. 4.

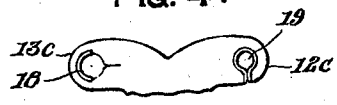


FIG. 6.

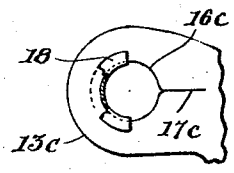


FIG. 5.

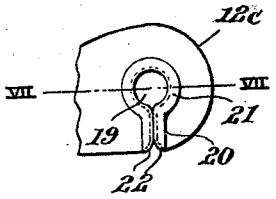
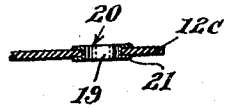


FIG. 7.



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UNITED STATES PATENT OFFICE.

BILL SEGO, OF FRANKLIN, NEW JERSEY.

CLOSURE FOR SHOE UPPERS.

Application filed July 21, 1925. Serial No. 45,040.

This invention relates to new and useful improvements in shoe uppers and closures therefor.

The primary object of the invention is to provide a closure for the slit in shoe uppers whereby the shoe may be conveniently and easily positioned on the foot of the user and fastened thereupon.

A further object of the invention is to provide a novel form of shoe upper which may be manufactured at a very nominal price and which will produce a pleasing appearance when in use.

Other objects and advantages of the invention will be apparent during the course of the following description.

In the accompanying drawing forming a part of this specification and in which like numerals are employed to designate like parts throughout the same,

Figure 1 is a top plan view of a shoe upper with the improved form of closure embodying this invention attached thereto,

Figure 2 is a fragmentary vertical sectional view taken on line II—II of Fig. 1,

Figure 3 is a plan view of a slightly modified form of closure,

Figure 4 is a fragmentary plan view of a further modified form of closure,

Figure 5 is a fragmentary enlarged plan view of the right hand portion of the closure shown in Fig. 4,

Figure 6 is a similar view to Fig. 5, but shows the left hand portion of the closure as illustrated in Fig. 4, and

Figure 7 is a transverse sectional view taken upon line VII—VII of Fig. 5.

In the drawing, wherein for the purpose of illustration is shown a preferred embodiment of this invention, the numeral 5 designates the upper of a shoe which is formed from a single blank by any suitable shaping process and has the split 6 formed in the front thereof. The dash lines —*a*— are not intended to illustrate stitching but to represent decorative impressions or cuts formed in the upper to relieve the same of any undesired plainness in appearance. This slit terminates at 7 and has arranged in longitudinal alinement therewith the button 8 which is fastened to the shoe upper 5. The two converging rows of buttons 9 and 10 are fastened to the upper 5 and are arranged one row on each side of the slit 6.

In Fig. 1 is shown a closure 11 which is provided with ears 12 projecting laterally from one longitudinal edge thereof and the ears 13 projecting from the remaining edge. The ear 14 projects from the outer end of the closure 11 and is arranged at the transverse center of the closure. Fig. 3 shows a very similar closure 11^a having the ears 12^a projecting from one side and the ears 13^a projecting from the remaining side. Instead of the ear 14, as shown in Fig. 1 in connection with the closure 11, the closure 11^a has a pointed ear 14^a.

The ears 12^a of the closure 11^a are illustrated as being formed with apertures 15 which are intended to receive the shanks 16, see Fig. 2, of the buttons 9 for permitting these buttons to permanently fasten the closure to the shoe upper. The remaining ears 13^a are provided with relatively large apertures 16 having radial slits 17 communicating therewith an dextending laterally inwardly of the closure. It is intended that these apertures 16 and slits 17 permit the insertion and withdrawal of the buttons 10 through the same so that the closure may be arranged to connect the edges of the slit 6 when the shoe is arranged upon the foot of the user. It will be understood, of course, that these same apertures and slits 16 and 17 respectively will permit the closure to be disconnected from the buttons 10 for permitting the shoe to be removed from the foot of the user.

It is to be understood that the closure 11, shown in Fig. 1 is formed with the apertures 15 in the ears 12 and the apertures and slots 16 and 17 respectively in the ears 13, as shown in Fig. 3 in respect to the closure 11^a. The ear 14 of the closure 11, however, is provided with an aperture similar to the apertures 15 illustrated in connection with the ears 12^a in Fig. 3. This aperture, not shown, in the ear 14 is intended to receive the shank of the button 8 previously referred to.

In Figs. 4 to 7 inclusive there is shown a modified form of closure which includes the apertures 16^c and slots 17^c similar to the apertures and slots 16 and 17 of the closures 11 and 11^a. The outer portion of the edge of the aperture 16, however, is provided with a metallic wear bushing 18 of semi-circular form in plane and of channel formation in cross-section. These wear bushings 18 are intended to take the lateral pull placed thereon when engaging the buttons 10 and will prevent the ears 13^c being

pulled out of shape, due to the pull upon the edge of the said apertures 16e.

As shown in Figs. 4, 5 and 7, the ears 12e, instead of being provided with apertures 15, are provided with substantially key-hole-shaped openings 19, as illustrated. The entire edge of each opening 19 is reinforced by the resilient member 20 which is of substantially key-hole-shape in plan view and of channel formation in cross-section, as illustrated in Fig. 7.

It is intended that the resilient reinforcing members 20 will permit the sides of the upper 5 to separate slightly at the slit 6 when connected by the closure shown in Figs. 4 to 7 in view of the fact that the reinforcing member 20 is of a resilient nature and will permit an outward lateral pull upon the portion 21 of the reinforcing member 20 to cause the finger portions 22 to separate slightly. This resilient structure will permit a shoe provided with this type of closure to be worn with greater ease and comfort.

It is to be understood that the forms of this invention herewith shown and described are to be taken as preferred examples of the same, and that various changes in the shape, size, and arrangement of parts may be resorted to without departing from the spirit of the invention or the scope of the subjoined claims.

Having thus described the invention, I claim:—

1. The combination with a shoe having a slit in its upper, of a row of buttons on each side of said slit, and a closure of strip formation having a series of ears projecting laterally from each longitudinal edge thereof, the ears on one edge being permanently connected to one row of buttons and the ears on the other edge having openings formed therein for permitting the remaining row of buttons to be inserted therein and withdrawn therefrom, said permanently connected ears including resiliently reinforced key-hole-shaped openings through which the shanks of the buttons extend and with the outer ends of the slots of the key-hole shaped openings extending to the edges of the ears.

2. The combination with a shoe having a slit in its upper, of a row of buttons on each side of said slit, and a closure of strip formation having a series of ears projecting laterally from each longitudinal edge thereof, the ears on one edge being permanently connected to one row of buttons and the ears on the other edge having openings formed therein for permitting the remaining row of buttons to be inserted therein and withdrawn therefrom, said permanently connected ears including resiliently reinforced key-hole-shaped openings through which the shanks of the buttons extend and with the outer ends of the slots of the key-hole shaped openings extending to the edges of the ears, said openings in the second mentioned series of ears having their outer edges reinforced to cause the openings to retain their original shapes.

In testimony whereof I affix my signature.

BILL SEGO.