

Dec. 13, 1927.

F. GRUBS

1,652,354

SHOE

Filed March 29, 1927

3 Sheets-Sheet 1

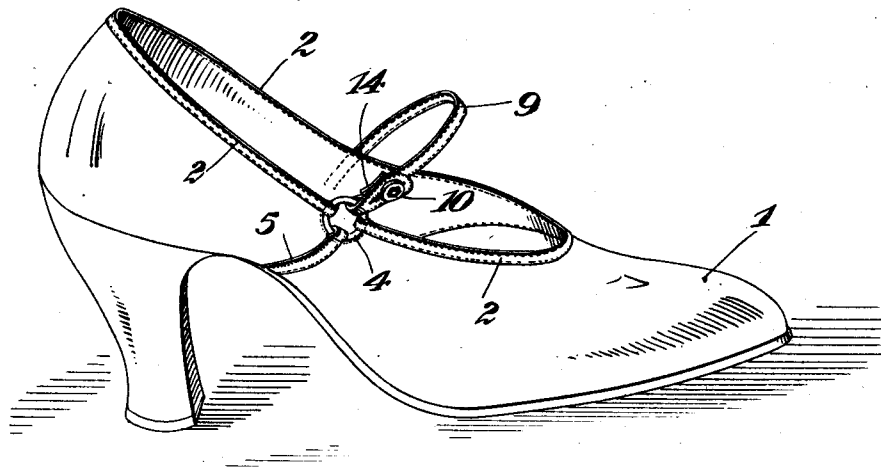


Fig. 1.

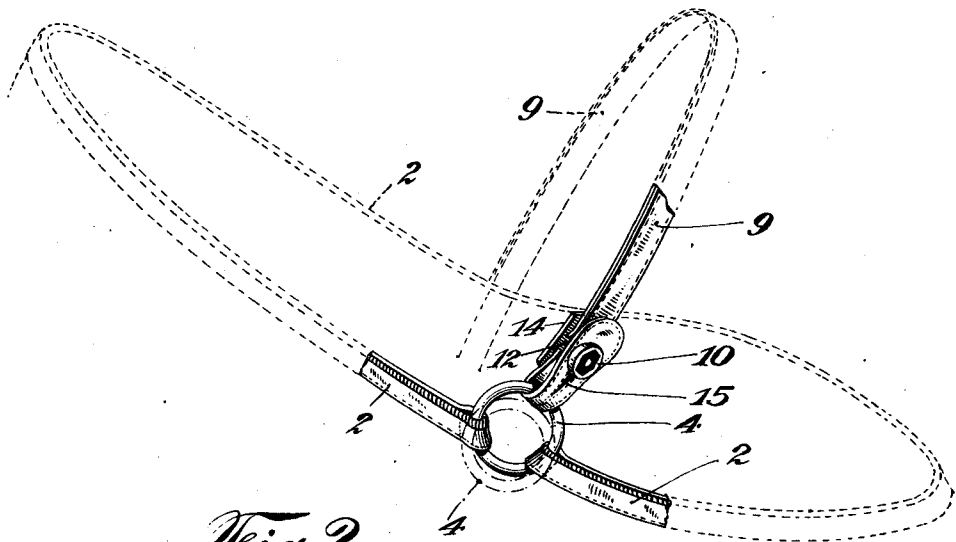


Fig. 2.

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Fig. 3.

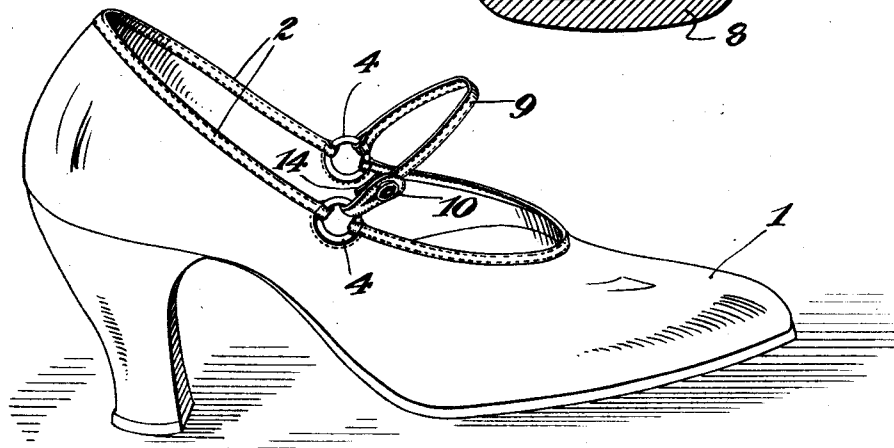
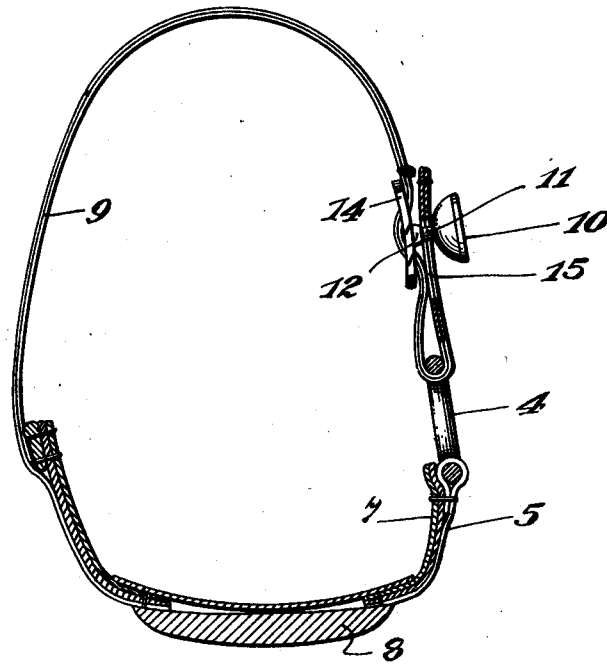


Fig. 6.

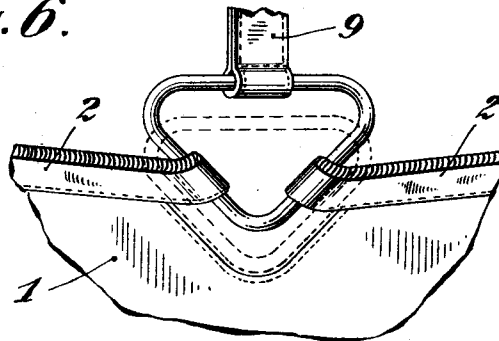


Fig. 7.

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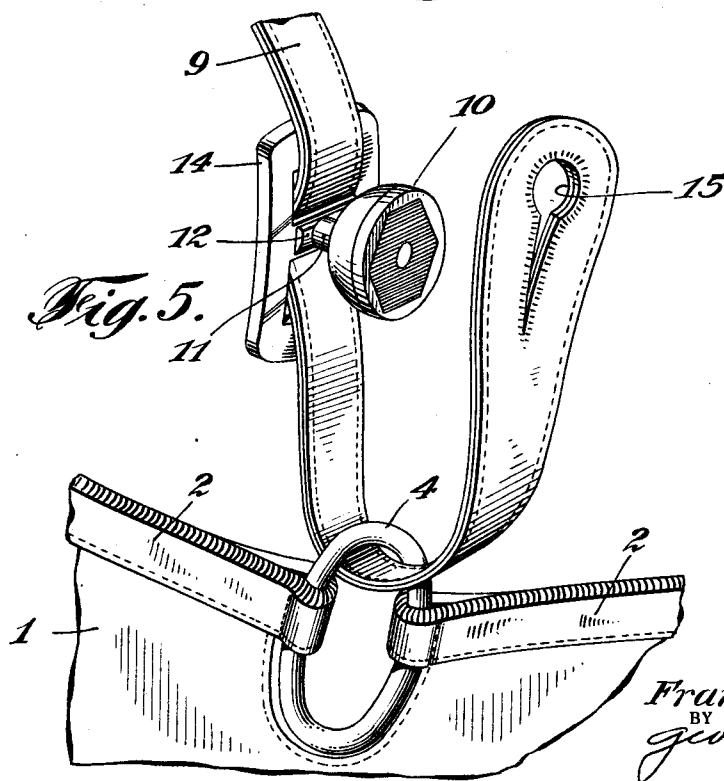
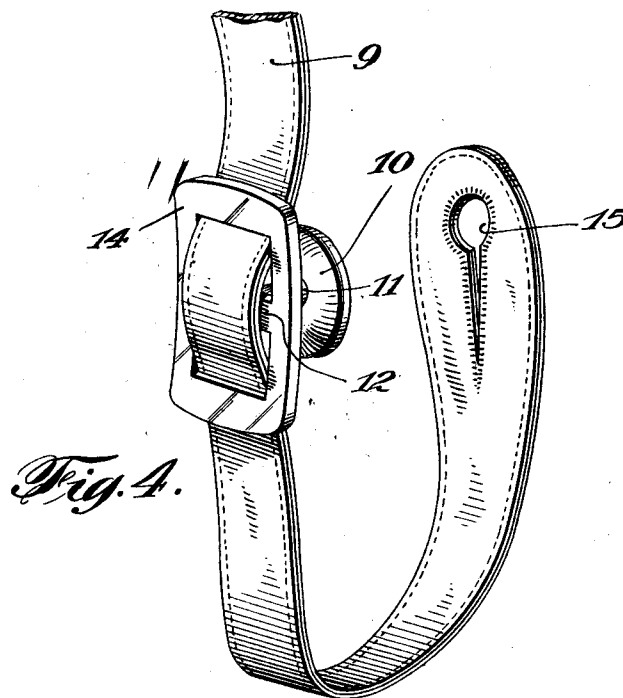
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3 Sheets-Sheet 3



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UNITED STATES PATENT OFFICE.

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SHOE.

Application filed March 29, 1927. Serial No. 179,241.

The present invention relates broadly to foot wear and more especially to a strap structure particularly adapted for the slipper type of shoe.

Heretofore in the art, straps have comprised bands extending over the instep and were usually fixedly attached to one side wall of the shoe and were buttoned over a fixed button secured to the other side wall of the shoe. Usually, when such shoes are purchased, the wearer had the button set in a fixed predetermined position such as would be comfortable for that particular fitting. As the shoe is worn, the strap tended to stretch and become too loose or the wearer's feet might be swollen from time to time, and cause the strap to be too tight, thereby cutting the instep of the wearer. It is not uncommon for wearer's of this type of shoes to be forced to unfasten the straps, particularly where they are sitting quiet for a considerable length of time as in a theatre or a public gathering. Then, the wearer in such cases found it difficult or painful to rebutton the strap when it is again necessary to go on to the street.

The present invention overcomes the difficulties of the known art by providing a construction wherein the fastener for the strap, which may comprise a button or other fastening means, is easily adjustable for small or large adjustments and when so adjusted does not in any way change the neatness of the appearance of the shoe. This construction enables the wearer to quickly and easily make such adjustments, to tighten or loosen the strap, as comfort may demand.

The preferred construction is such that the pull on the instep strap will tend to maintain the mouth of the shoe in the proper engagement with the foot, thereby obviating unsightly gapping of the shoe and also preventing uncomfortable looseness around the top of the shoe.

While I have disclosed the preferred forms of my invention in accordance with the patent laws, I realize that the invention may be embodied in constructions other than those specifically shown and therefore it is desired that the specific constructions described in the specification and shown in the drawings shall be considered as illustrative and not in the limiting sense.

Throughout the several figures of the drawings, like parts are indicated by like characters.

Fig. 1 is a view illustrating a shoe embodying one preferred form of the present invention.

Fig. 2 is a detail view illustrating an action of the strap tending to close up the mouth of the shoe.

Fig. 3 is a sectional view through the shoe and illustrating a preferred form of fastening.

Fig. 4 is an enlarged detail view of the back of the end of a strap showing the preferred fastener.

Fig. 5 is a detail view of the front of the end of a strap showing it through an anchoring means on the shoe and showing the preferred form of fastener.

Fig. 6 illustrates the invention applied to means which tend to contract the mouth of the shoe on each side.

Fig. 7 is a detail view of a different form of anchor for the strap.

Referring now to the drawings, and more especially to Figs. 1 to 5 thereof, the preferred form of the invention therein disclosed, comprises a shoe 1 of the slipper type, provided with a reinforcing band 2 around the mouth of the shoe. This band, as illustrated in Fig. 1, runs entirely around the mouth of the shoe and is fastened at each end around a ring 4, of metal or other suitable material. This band 2 preferably is of leather or other material capable of standing a substantial pull without breaking or undue stretching. A limit movement piece 5 may be provided and is preferably secured between the bottom of the side wall 7 of the shoe and the sole 8 thereof and is looped around the lower portion of the ring 4 to limit the upward movement of the ring. The ring 4 is preferably unattached to the shoe side wall, with the exception of the reinforcing band 2 and the piece 5, both of which are preferably secured to the side wall of the shoe by suitable stitches or other securing means. A strap 9 may be secured at one end between the bottom of the side wall 7 and the sole 8 and be attached to the side wall 7 by means of suitable stitches or other attaching means, and is of sufficient length to extend upwardly and over the foot of

the wearer with the end of the strap 9 passing through the ring 4 and being looped upon itself. A button 10 mounted on a stem 11, which is attached to the cross-bar 12 of a slidable buckle 14 is adjustably mounted on the strap 9 so that, by sliding the buckle on the strap, the position of the button 10 may be quickly determined as desired. The end of the strap 9 preferably is provided with a buttonhole 15 adapted to permit the end of the strap to be buttoned over the adjustable button 10. By this construction, it will be observed that the wearer may at the time of purchase select such an ornamental buckle-button as is desired, or may purchase a plurality of ornamental buckle-buttons, which may be changed to suit the fancy of the wearer. The buckle is then adjusted so that the strap, when buttoned, is of the desired tightness over the instep and if during the period of wear, the strap becomes too loose or too tight, the wearer may quickly make the proper adjustment and thereby secure comfort as well as a snug fit for the shoe.

Referring now more specially to Fig. 2, it will be observed that as the strap 9 pulls upwardly upon the ring 4, the ring will move from dotted line position to full line position, and in so doing, pulls the ends of the reinforcing band 2 closer together, thereby tightening the reinforcing band around the foot of the wearer and drawing the mouth of the shoe inwardly to produce a neat fit of the shoe on the foot of the wearer. Where the piece 5 is used it may be attached to the shoe so as to be of such length as to prevent this movement and completely prevent this action; or if desired, to permit a limited action which will secure the preferred results.

Fig. 6 illustrates the invention as applied to a shoe with rings 4 upon each side thereof. In this case, both rings tend to pull inwardly and consequently increase the action upon the reinforcing band to tighten the same around the foot of the wearer, which band in this case is formed of two pieces instead of one piece, as shown in Fig. 1.

Fig. 7 illustrates a triangular form of ring which may be utilized to further increase the tightening action where this action is desirable.

The primary object of the present invention, however, deals with the matter of permitting the wearer to quickly adjust the effective length of the strap so as to secure comfort at all times.

Having described my invention, what I claim is:

1. A shoe of the slipper type comprising a shoe body, a foot strap secured to one side of said shoe body, a fastening member adjustable lengthwise upon said strap to any desired position thereon, and anchoring means attached to the other side of said shoe

and cooperative with said fastener to permit the effective length of said strap to be adjusted.

2. In a shoe of the slipper type, the combination of a shoe body, a foot strap anchored to one side of said shoe body, an adjustable buckle-button slidably mounted upon said strap, the end of said strap being provided with a button-hole adapted to cooperate with the button on the buckle-button, and anchoring means being provided upon the opposite side of said shoe body and constructed to permit the end of said strap to be threaded through said anchoring means and folded upon itself and buttoned over said button, the construction and arrangement being such as to permit the effective length of said strap to be adjusted to suit the wearer.

3. In a shoe of the slipper type, the combination of a shoe body, constricting means arranged on said shoe body adjacent the mouth thereof, said constricting means being operative to decrease the length of the marginal edge of the mouth of the shoe, a foot strap, and means adapted to cooperate with said foot strap and said constricting means to apply tension to said constricting means and thereby decrease the length of the marginal edge of the mouth of the shoe as tension is applied to said foot strap when said foot strap is secured over the foot of the wearer.

4. In a shoe of the slipper type, the combination of a shoe body, constricting means secured to the shoe body adjacent the mouth thereof, a foot strap, anchoring means secured to said constricting means and cooperative with said foot strap in such manner that said anchoring means has a slidable movement relative to said constricting means tending to produce tension on said constricting means when said strap pulls upwardly upon said anchoring means.

5. In a shoe of the slipper type, the combination of a shoe body, constricting means secured to said shoe body adjacent the mouth thereof, an anchoring ring secured to the ends of said constricting means, a foot strap adapted to cooperate with said anchoring ring and to tend to cause said anchoring ring to slide upwardly through the ends of the constricting means to place said constricting means under tension when the foot strap is in position over the foot of the wearer.

6. In a shoe of the slipper type, the combination of a shoe body, a foot strap secured to one side of said shoe, anchoring means secured to the other side of said shoe and being of such configuration as to permit the end of said foot strap to be threaded through said anchoring means, and adjustable fastening means mounted for longitudinal movement upon said strap and cooperating with the end thereof when the

strap is threaded through said anchoring means and folded upon itself to fasten said strap in position over the foot of the wearer. said anchoring ring, and adjustable fasten- 10
ing means comprising a button mounted for longitudinal movement upon said strap and cooperating with a button-hole in the end thereof when the strap is threaded through

5 7. In a shoe of the slipper type, the combination of a shoe body, a foot strap secured to one side of said shoe, an anchoring ring secured to the other side of said shoe and being of such size as to permit the end of said foot strap to be threaded through 15
said ring and folded upon itself to button said strap in position over the foot of the wearer.

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