

O. NELSON.
SHOE FASTENING DEVICE.
APPLICATION FILED OCT. 18, 1909.

950,862.

Patented Mar. 1, 1910.
2 SHEETS—SHEET 1.

Fig. 1.

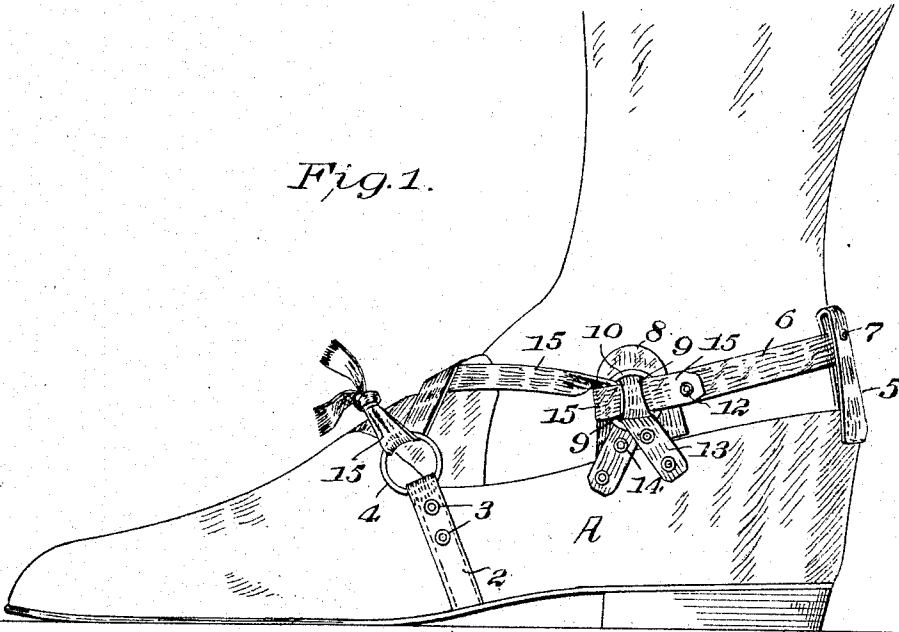


Fig. 2.

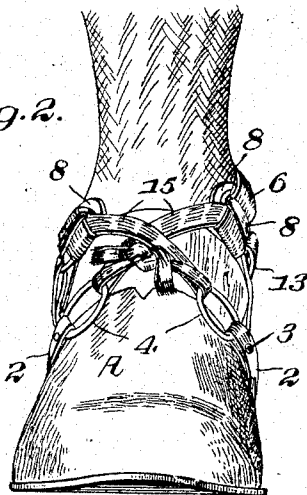
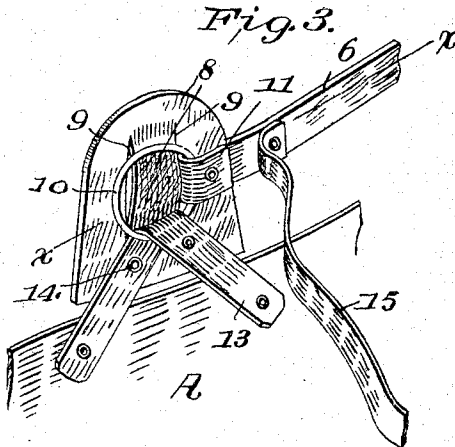


Fig. 3.



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By

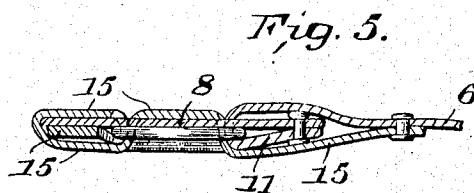
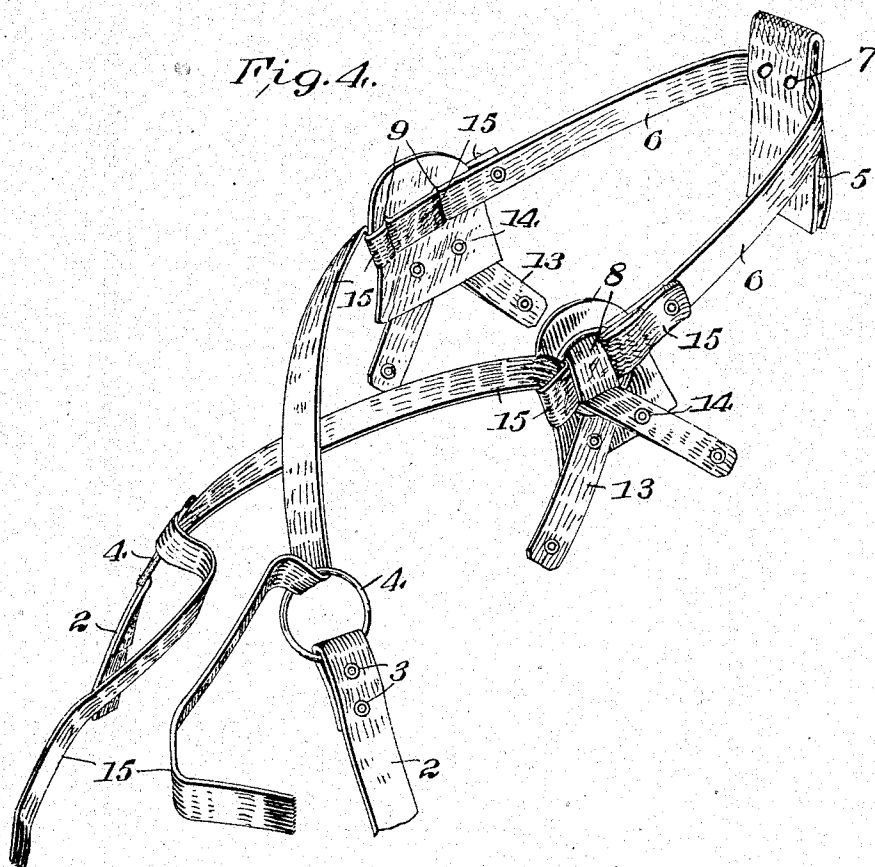
H. A. Macy, Attorneys.

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2 SHEETS—SHEET 2.



Witnesses
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UNITED STATES PATENT OFFICE.

OSCAR NELSON, OF GLOBE, ARIZONA TERRITORY.

SHOE-FASTENING DEVICE.

950,862.

Specification of Letters Patent.

Patented Mar. 1, 1910.

Application filed October 13, 1909. Serial No. 523,146.

To all whom it may concern:

Be it known that I, OSCAR NELSON, citizen of the United States, residing at Globe, in the county of Gila and Territory of Arizona, have invented certain new and useful Improvements in Shoe-Fastening Devices, of which the following is a specification.

My invention relates to means for holding low cut shoes upon the foot, and the object of the invention is to provide a fastening device whereby the shoe shall be held tightly in place and the ankle be braced, but whereby no rubbing can take place.

Another object is to provide a combination of straps or other fastening ties which pass over those portions of the foot least likely to chafe, which may be drawn up snugly so as to hold the shoe securely in place but without binding upon the foot, and which when once adjusted, shall retain its adjustment, and which may be quickly tied or untied.

The invention is particularly applicable to low shoes such as worn by children, athletes, and for house use.

For a full understanding of the invention and the merits thereof, and to acquire a knowledge of the details of construction, reference is to be had to the following description and accompanying drawing, in which:

Figure 1 is a side elevation of a shoe provided with my improved fastening devices; Fig. 2 is a front elevation thereof; Fig. 3 is a perspective view, enlarged, of a fragment of a side of the shoe and the fastening devices attached thereto; Fig. 4 is a perspective view of the fastening devices detached from the shoe; and, Fig. 5 is a sectional view on the line $x-x$ of Fig. 3, the tie strap, however, being shown engaged with the side pad.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawing by the same reference characters.

Referring to these figures, A designates a low shoe of any character desired. Attached to each side of the shoe, just forward of the tongue of the same, are the looped straps 2. These straps may be attached to the leather of the shoe in any desired manner, as by stitching or by the use of eyelets 3. The upper ends of the straps 2 are looped, as before stated, and carried within each loop is the ring 4. Attached to the rear of

the shoe, at the upper edge thereof, is the loop 5 which is formed by a folded piece of leather stitched at its ends to the leather of the shoe. Passing through the loop 5 is the transversely extending strap 6 which is held in place by eyelets 7.

Attached to the sides of the shoe, at a point just forward of the heel, and along the upper margin of the shoe, are the opposed disk-like leather pads 8 which are shown in detail in Fig. 3. These have two parallel slits 9 cut in their faces. Carried upon the face of each pad is a ring 10, which incloses the slitted portion of the pad. This ring, on one side, is held in place upon the pad 8 by the folded end of the transverse rear strap 6. This end, designated 11, is passed through one of the slits, then folded over upon the face of the pad and fastened thereto by an eyelet 12.

In order to hold the pad 8 in place, a looped strap 13 is attached at its ends to the side of the shoe, said strap passing through the ring 10 and being attached by eyelets 14 to the pad. Thus, the pad or disk 8 is held securely in position, and yet yields to a certain amount, so that it does not press unduly upon the foot.

Attached to each end of the transverse rear strap 6 is a tie strap 15 by which the shoe is intended to be tied or held in place upon the foot. This tie strap extends over the rear margin of the outer face of the pad 8, and is inserted through one of the slits to the back of the pad, extends out through the other slit, then is drawn around the forward edge of the pad, again out through the slit therein, and the free end of the tie is brought forward, passed across the instep of the foot, and is passed through the ring 4 on the opposite side of the shoe. The two free ends of the tie straps are then inter-twisted so that the rings 4 are drawn toward each other, and then the strap is tied. While I have referred to these ties as being straps, and while preferably they are leather straps, yet I do not wish to limit myself to any material for these straps and for the other straps of my device, as these may be formed of cloth, ribbon, or even cord, if necessary. It will be seen that the passing of the tie strap through the slits in the pad, and then around the ring 10, acts as a cinch, whereby the strap when once adjusted at this point, is held from any reverse movement. Thus by passing the straps through

the rings 4, the pull of the free ends of the tie straps is exerted upon the sides of the shoe, upon the rear of the foot above the heel, and upon the rings 4, but a pull on said tie strap will not tend to fold the strap 6 rearward of its point of attachment to the pad 8 and thus cause a wrinkling of the strap 6 at the edge of the pad 8. The pull of the tie strap will come upon the ring 10. Thereby, the strain is distributed over the entire foot. The passing of the tie straps through the rings 4, permits considerable leverage to be exerted to draw the tie straps tight so that the shoe shall be held snugly in place and yet without any undue pressure upon the foot. It will also be seen that the side pads or disks 8 yield with the motion of the foot, and that they act to prevent the rings 10 from being forced into the flesh, and prevent chafing at the point of juncture between the ends of the heel strap 6 and the tie straps.

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

1. The combination with a shoe, of a fastening device therefor, comprising straps attached to the sides of the shoe, forward of the instep, rings mounted in the ends thereof, a heel loop attached to the heel of the shoe, a heel strap passing through the loop and extending on either side of the foot, rings attached to the sides of the shoe and supported above the edges thereof, and tie straps attached to the ends of the heel strap, passing through said rings, and adapted to be extended across the foot and passed through the forward rings and tied.

2. The combination with a shoe, of a fastening device, straps attached to the sides of the shoe, forward of the instep, rings on the ends of said straps, a rear loop attached

to the rear end of the shoe and extending above the same, a heel strap passing transversely through the loop and extending on each side of the foot, disk-like pads supported upon the sides of the shoe, above the edges of the same, to contact with the foot, rings attached to said pads, and tie straps attached to the end of the heel straps, passing through said rings, and being adapted to be passed across the foot, through the forward rings, and then tied.

3. The combination with a shoe, of a fastening device therefor, comprising straps attached to the sides thereof, forward of the instep, and rings on the ends thereof, a rear loop attached to the rear end of the shoe and extending above the same, a heel strap passing through and attached to the rear loop, opposed disk-like pads supported upon the sides of the shoe, above the edges of the same, said pads having two parallel vertical slits therein, the ends of the heel straps passing through the rearmost of said slits and being returned upon itself and eyeleted, a ring supported upon the face of each of said pads and engaged by the loop of the heel strap, and tie straps attached to the ends of the heel strap, each strap passing inward through the rearmost slit in the pad, then out through the forward slit therein, then around the forward edge of the pad, and then out through the forward slit, the free ends of the tie straps being adapted to be crossed over the instep of the foot, inserted through the forward rings, and tied.

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

OSCAR NELSON. [L. s.]

Witnesses:

JOHN ROBERT MCKENZIE,
CHARLES CARROLL CHAPMAN.