Nov. 17, 1936. P. FRIEDRICH 2,061,421

BUTTON FASTENING DEVICE

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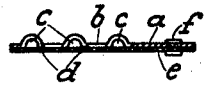

Fig. 1

Fig. 3



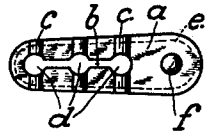

Fig. 2

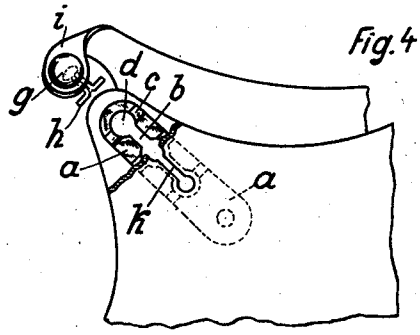

Fig. 4

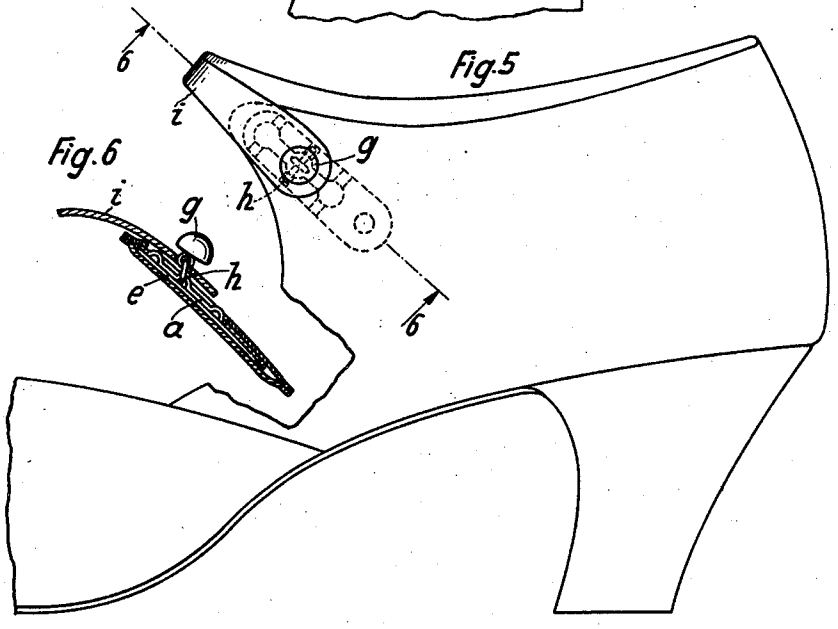

Fig. 5

Fig. 6

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BUTTON FASTENING DEVICE

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In Germany August 25, 1934

1 Claim. (Cl. 24—206)

The present invention relates to an adjustable button fastening device for strap shoes, using an ordinary shoe button. Adjustable button fastenings are already in existence, but the adjusting plates in which the button can be fixed in various positions, are made so high that it is not possible to stitch the same in between the upper part and lining of a shoe without spoiling the appearance. Moreover the stiffness of the fastening button for the most part makes such a fastening device useless.

The object of the present invention is to produce an adjusting device in a strap shoe, in which the fastening button, similarly to a button that is stitched on, can be adjusted so as to move in all directions in a longitudinally slotted eyelet. The latter is provided with transverse, semi-circular pressed out portions, which serve to fix the button in the desired position, and thus give the adjusting device such a flat structure that by locating the same between the upper and the lining the strap shoe provided therewith cannot be distinguished from an ordinary shoe.

The subject matter of the invention is illustrated in the accompanying drawing.

Figure 1 showing the eyelet part in longitudinal section,

Figure 2 a plan view of the eyelet part,

Figure 3 the fastening button,

Figure 4 an unfastened strap with fastening button and eyelet part,

Figure 5 a closed fastening device,

Figure 6 a longitudinal section along the line 6—6 of Fig. 5.

In Fig. 1 *a* is an eyelet consisting of sheet metal, celluloid or the like material, which, as is clear from Fig. 2, has a narrow longitudinal slot *b*. This slot *b* has at regular intervals several widened apertures *d*. At each of these apertures *d* the eyelet plate *a* is pressed up to form a groove. On the underside of the eyelet plate a leaf spring *e* is secured at *f* so as to bear firmly against *a*. This eyelet plate *a* is stitched into the shoe leather, as shown by Figs. 4, 5 and 6. At the end of the strap *i* is provided as usual the fastening button consisting of a semi-circular shoe button. This button *g* according to the present invention has a loosely movable cross bar *h* made of circular wire, which is hooked into the individual eyelet holes *d*. The eyelet holes *d* have transverse pressed out portions *c*, in which the cross bar *m* of the fastening button is inserted. The upper has a narrow slot *k* corresponding to the slot in the eyelet plate.

The device operates as follows:—

In fastening the button the cross bar *h* of the button *g* is turned in the longitudinal direction parallel to the slot *b* in the eyelet part *a* and inserted therein. In this position the button can be displaced in the slot *b*. When the strap has been adjusted to the desired length, by cross-turning the cross bar *h* at one of the widened apertures *d* in the eyelet part, the button is held in this position. In the first place because the bridge piece *m* is wider in the transverse position than the slot *b* in the eyelet part *a* and secondly because the cross bar *h* is pressed through the agency of the leaf spring *e* into one of the groove-like depressions *c*, the fastening device is flat in form, so that when the same is stitched between the upper and lining of the shoe, the same cannot be distinguished from a strap shoe without adjusting device.

I claim:

An adjustable fastening for strap shoes comprising a plate intended to be stitched between the upper and the lining of the shoe, and having a longitudinal slot, recesses located at intervals in the said slot for receiving a button secured to the oppositely disposed edge of the shoe, transverse pressed out portions on both sides of the said recesses for the purpose of allowing the well-known cross link with horizontal arms of the button to be inserted into the said pressed out portions, as set forth.

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