

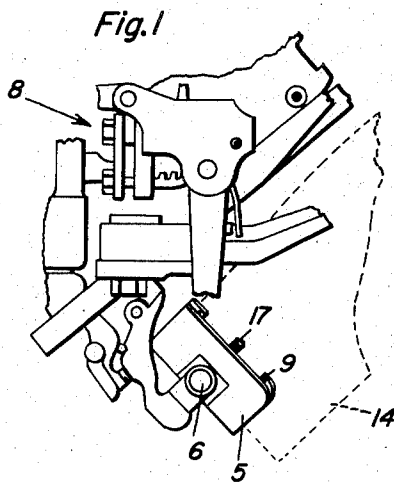
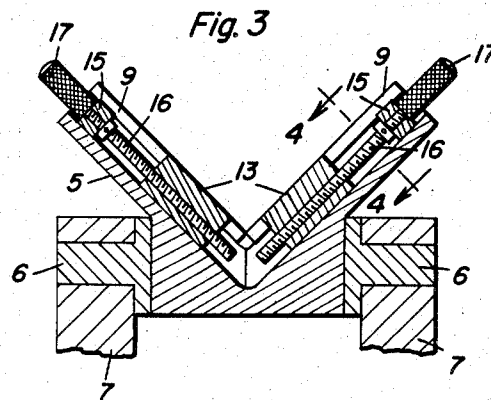
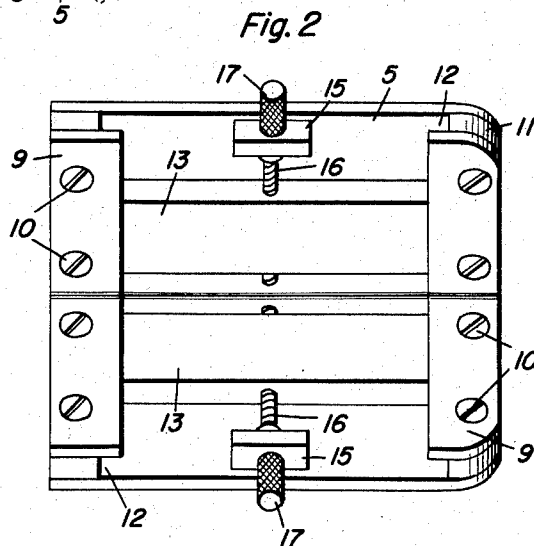
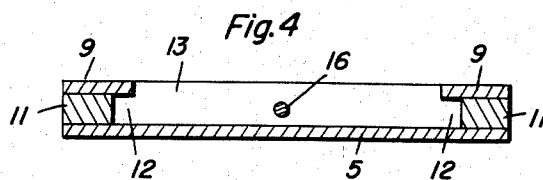
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HEEL REST FOR PULLING-OVER MACHINES

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HEEL REST FOR PULLING-OVER MACHINES

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4 Claims. (Cl. 12—123)

The present invention relates to new and useful improvements in heel rests for pulling-over machines, particularly for moccasin type shoes, and has for its primary object to provide, in a manner as hereinafter set forth, a device of this character which may be readily adjusted to correct the alignment of the shoe and hold the same in the desired position during the pulling-over operation.

Other objects of the invention are to provide an adjustable heel rest of the aforementioned character which will be comparatively simple in construction, strong, durable, compact, of light weight, and which may be manufactured at low cost.

These, together with other objects and advantages which will become subsequently apparent, reside in the details of construction and operation as more fully hereinafter described and claimed, reference being had to the accompanying drawings forming a part hereof, wherein like numerals refer to like parts throughout, and in which:

Figure 1 is a view in side elevation of a portion of a pulling-over machine equipped with a heel rest embodying the present invention;

Figure 2 is the top plan view of the heel rest;

Figure 3 is a view in transverse section through the device; and

Figure 4 is a sectional view, taken substantially on the line 4—4 of Figure 3.

Referring now to the drawing in detail, it will be seen that the embodiment of the invention which has been illustrated comprises a substantially V-shaped or synclinal metallic plate 5 of suitable dimensions. The plate 5 is mounted, as at 6, on the usual arms 7 of a conventional pulling-over machine which is designated generally by reference character 8.

Guide bars 9 are secured by screws 10 on the end portions of the plate 5 with spacers 11 therebetween for providing channels 12.

Mounted for sliding adjustment toward or away from each other on the plate 5 and having their end portions operable in the channels 12 is a pair of metallic bars 13 with which the heel portion of the shoe to be pulled over, as indicated at 14, is engageable. Metallic blocks or lugs 15 are fixed on the plate 5 adjacent the longitudinal edges thereof. As shown to advantage in Figure 3 of the drawing, screws 16 are rotatably secured in openings provided therefor in the lugs 15 and threaded through openings provided therefor in the bars 13 for adjusting said bars on the plate 5. The adjusting screws 16 comprise knurled operating heads or handles 17.

It is thought that the use or operation of the rest will be readily apparent from a consideration of the fore-

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going. Briefly, the heel portion of the shoe 14 to be pulled over is engaged between the bars 13 on the substantially V-shaped plate 5 in an obvious manner. Through the medium of the screws 16, the bars 13 may then be adjusted to position the shoe as desired and to correct the alignment thereof as may be necessary during the pulling over operation.

The foregoing is considered as illustrative only of the principles of the invention. Further, since numerous modifications and changes will readily occur to those skilled in the art, it is not desired to limit the invention to the exact construction and operation shown and described, and accordingly all suitable modifications and equivalents may be resorted to, falling within the scope of the invention as claimed.

What is claimed as new is as follows:

1. A heel rest for pulling-over machines comprising: a substantially V-shaped plate mounted on the machine, guides on the ends of the plate, bars mounted for sliding adjustment toward or away from each other on the plate and having their end portions slidable in the guides, said bars for receiving thereon the heel portion of a shoe to be pulled over, and means for adjusting the bars.

2. A heel rest for pulling-over machines comprising: a substantially V-shaped plate mounted on the machine, guides on the ends of the plate, bars mounted for sliding adjustment toward or away from each other on the plate and having their end portions slidable in the guides, said bars for receiving thereon the heel portion of a shoe to be pulled over, and means for adjusting the bars, said means including lugs mounted on the longitudinal marginal portions of the plate, and screws rotatably secured on said lugs and threadedly connected to the bars.

3. A heel rest for pulling-over machines comprising: a substantially V-shaped plate for mounting on the machine and including a pair of plane portions forming a dihedral angle therebetween, pairs of members, each pair being mounted transversely on one of said portions of the plate in spaced relation thereto and defining, in conjunction therewith, opposed channels, a pair of bars each mounted on a portion of the plate and slidably adjustable toward or away from each other, said bars having their end portions slidably engaged in the channels, said bars for receiving therebetween the heel portion of a shoe to be pulled over, and screws rotatably mounted on the plate and threadedly connected to the bars for adjusting said bars.

4. A heel rest for pulling-over machines comprising a body having inclined surfaces disposed in a V arrangement, a pair of parallel guides mounted upon each surface at the opposite sides thereof and spaced therefrom and defining a pair of channels therebetween, a pair of bars each slidably disposed upon one of said surfaces and retained thereon by engagement of its opposite ends in the pair of guide channels of its surface, operating means mounted upon each surface intermediate said guides thereon and connected to said bars for effecting slidable adjustment of said bars upon said surfaces towards and from each other, said bars for receiving therebetween the heel portion of a shoe to be pulled over.

References Cited in the file of this patent

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