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ARCH SUPPORT FOR WOODEN CLOGS

Filed Aug. 29, 1944

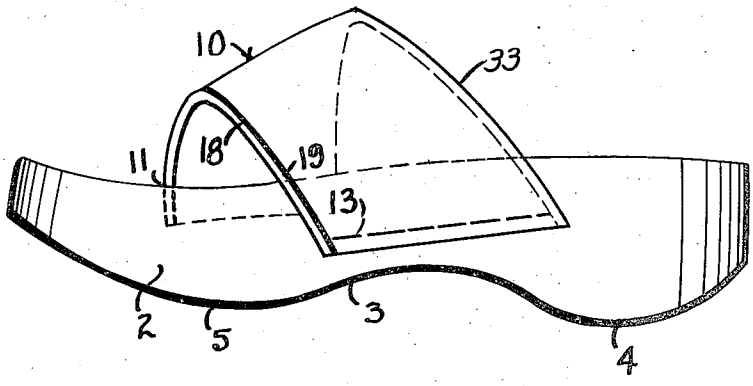


FIG. 1.

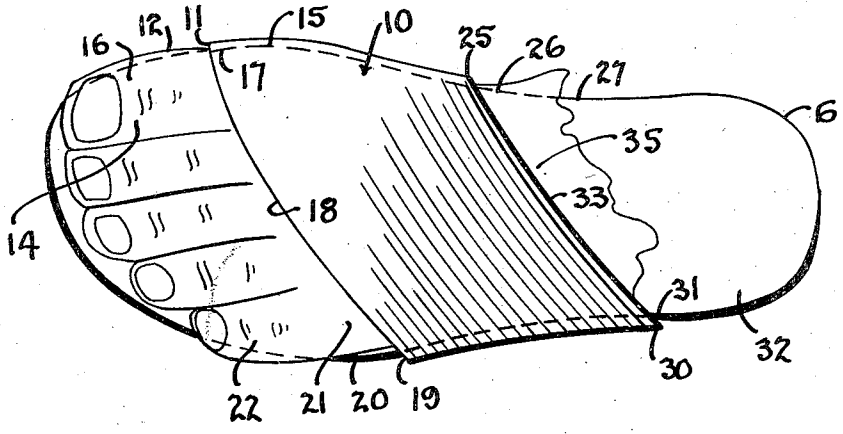


FIG. 2.

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ARCH SUPPORT FOR WOODEN CLOGS

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Application August 29, 1944, Serial No. 551,702

3 Claims. (Cl. 36—11.5)

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The invention relates to a wooden clog and particularly to the arch support thereof whereby the clog is retained on the foot in proper alignment during use. In wearing wooden clogs considerable difficulty has been encountered in retaining the wooden sole or clog in proper alignment with the foot while walking because of the fact that the retainer bands or straps usually provided were not arranged in a manner to distribute the tension or pull from the foot to the clog in a manner to retain the clog in proper alignment.

It is therefore one of the objects of the present invention to provide an arch support for wooden clogs wherein the clog is held in alignment with the foot by a single retainer band or strap.

Another object of the invention is to provide a retainer band or strap for wooden clogs which arches over the instep of the foot in accordance with the configuration of the foot and in a position on the foot so as to retain the clog against sliding either forwardly, rearwardly or twisting relative to the foot.

Still another object of the invention is to provide a relatively wide band or strap as an arch support for wooden clogs so as to enclose the joint on the great toe on the inner forward edge and to pass over the foot just behind the joint on the little toe.

Still another object of the invention is to provide a band or strap as an arch support for wooden clogs which is of a width to extend from just forward of the joint on the great toe rearwardly to approximately the middle of the instep on the inside of the foot and from just rear of the joint on the little toe to the fore portion of the heel on the outside so as to retain the clog in alignment with the foot.

Other and further objects of the invention will be readily apparent when the following description is considered in connection with the accompanying drawing wherein:

Fig. 1 is a side elevation of a clog to which the arch support has been applied.

Fig. 2 is a top plan view looking down on the clog with the arch support in position over the foot of the wearer.

In Fig. 1 the clog is shown as being made up of a body 2 which is preferably of wood or other suitable material, including substances commonly known as synthetics and substitutes. This body has been formed from a block by contouring the lower surface 3 thereof so as to provide a heel 4 and a tread 5, while in plan view, as

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seen in Fig. 2 the general shape 6 thereof follows the lines of a shoe or the outline of the foot.

Wooden blocks can be machined in any desired manner to obtain this body, but the upper and lower contours are preferably formed in the manner and with a machine of the type shown and described in my copending application, Serial No. 551,701, filed August 29, 1944, for a Wood cutting machine.

An arch support or retainer band 10 is shown in the drawing as being a band of substantial width so as to enclose, say approximately, one-third of the length of the foot. The particular placement and arrangement of the band to enclose the instep of the foot and arch thereover is of particular importance and it will be noted that the band is made up of a suitable webbing or like material which is flexible, but having sufficient strength to retain its shape and hold the clog in place. A wide band of this sort lends stability to the construction because it encloses a sufficient length of the foot to keep the body of the clog from twisting sideways either at the forward or the rearward end.

In order to have this arch or band conform to the foot and hold the clog against sliding either rearwardly or forwardly, the inner front edge 11 is shown as being suitably affixed to the side 12 of the clog by means of brads or staples 13. This forward edge has been so positioned relative to the clog and relative to the foot 14 that the forward inner edge 11 encloses the part of the foot which constitutes the joint 15 of the great toe 16. In this manner the edge 11 clings over the inwardly inclined portion 17 of the joint of the toe to retain the clog in alignment with the foot. The forward edge 18 then extends over the instep of the foot and the outer end 19 thereof is affixed to the outer edge 20 of the clog just rearwardly of the joint 21 of the little toe 22 so as to allow flexing of the toes at this point while retaining the arch or band in proper position.

The band is of sufficient width to extend to the point 25 on the inside of the foot which is closely adjacent or near to the middle portion 26 of the instep 27 while the rear outer edge 30 extends to a point 31 which is the fore part of the heel 32. It will be noted that the rear edge 33 of the band is of much greater length as seen in Fig. 1 than is the forward edge 18 so as to pass over the instep 35 of the foot.

In actual use the foot is slipped under the band 10 so that the band firmly grips the instep of the foot and it has been found that the clogs can be worn very comfortably without requiring adjust-

ment or turning to keep them in alignment with the foot and that the band also retains the clog against sliding relative to the foot and keeps the clog in proper walking position.

Broadly the invention contemplates an arch support for wooden clogs which will retain the clog in proper alignment with the foot.

What is claimed is:

1. A wooden clog including a body, a heel and tread contoured thereon, a foot receiving surface, and a retainer band connected to the sides of said body, said band having a substantial width approximating one-third of the length of the body and extending angularly across the body, a forward edge on said band attached to the body so that the inner end of said edge is just ahead of the joint of the great toe so as to cover the joint, the outer end of said band being affixed to the outer edge of said body just behind the joint on the little toe so as to free such joint, and a rear edge on said band of greater length than said forward edge and enclosing the arch of the foot so that the width of the band in engagement with the foot retains the clog in alignment with the foot in use.

2. A wooden clog including a body which is the shape of the foot, a retainer arch strap affixed to the body and arching thereover, said band being of a width to extend from just behind the little toe joint to the fore part of the heel on the outside, and from in front of the joint of the great toe to substantially the middle of the instep on the inside.

3. A wooden clog including a body which is the shape of the foot, a retainer arch strap affixed to the body and arching thereover, said band being of a width to extend from just behind the little toe joint to the fore part of the heel on the outside, from in front of the joint of the great toe to substantially the middle of the instep on the inside, and means affixing the ends of said strap to the sides of the body.

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REFERENCES CITED

The following references are of record in the file of this patent:

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Number	Name	Date
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455,889	French	June 4, 1913
352,758	Italian	Sept. 21, 1937