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W. SCHENK

2,118,114

EXERCISING DEVICE

Filed March 6, 1935

Fig. 1.

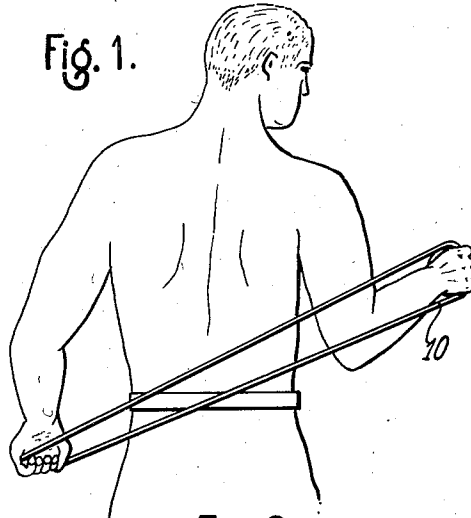


Fig. 7.

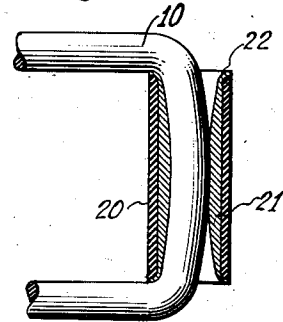


Fig. 2.

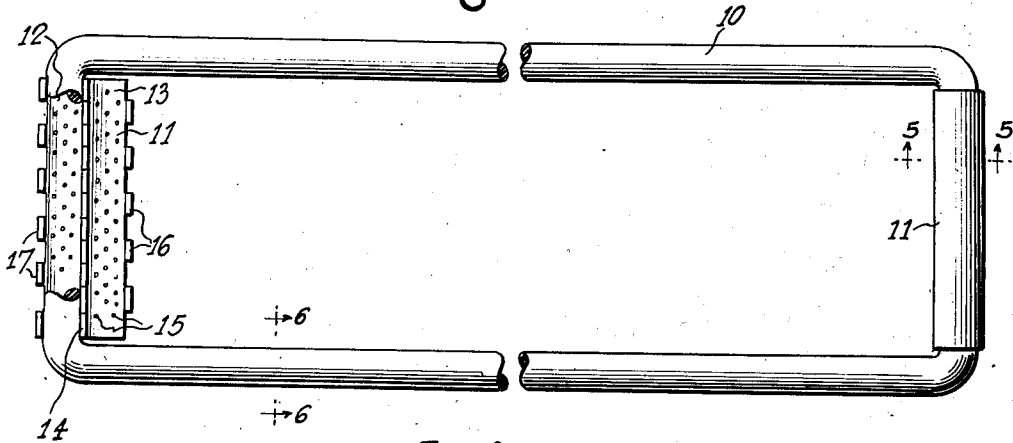


Fig. 3.

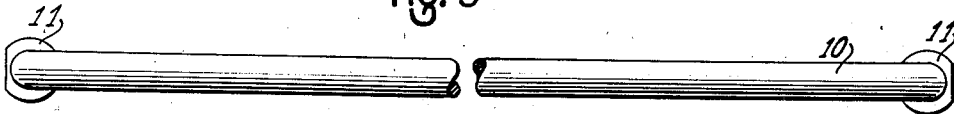


Fig. 4.

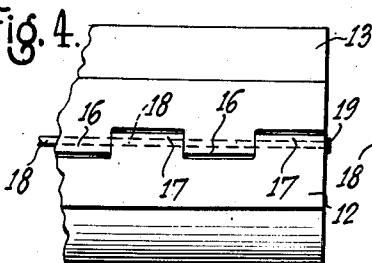
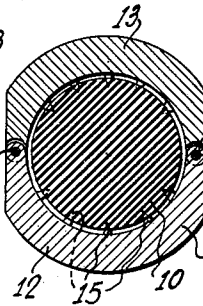


Fig. 5 Fig. 6.



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EXERCISING DEVICE

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Application March 6, 1935, Serial No. 9,562

1 Claim. (Cl. 272—82)

One object of this invention is the provision of a novel physical exercising device, simple in construction and operation, and inexpensive in cost of manufacture.

Another object of the invention is the provision of such a device which is formed of elastic material provided with handle members adapted to be grasped in the hands, the same being stretched preferably in rhythmic manner in order to develop the muscles of the arms.

A further object of the invention is the provision of detachable handle members on such a device.

The above and other objects will become apparent in the description below, in which characters of reference refer to like-named parts in the drawing.

Referring briefly to the drawing, Figure 1 is a view illustrating the manner of using the device as an exerciser.

Figure 2 is a view illustrating the details of the device, showing one of the handle members in open position.

Figure 3 is a view at right angles to Figure 2.

Figure 4 is an enlarged fragmentary side view of one of the handle members.

Figure 5 is a cross-sectional view taken on the line 5—5 of Figure 2.

Figure 6 is a cross-sectional view taken on the line 6—6 of Figure 2.

Figure 7 is a fragmentary view, partly in cross-section, showing a modified form of handle member.

Referring in detail to the drawing, the numeral 10 represents an endless band or the like of relatively stout flexible material such as rubber, circular in cross-section.

At oppositely spaced apart points on the band 10, handle members 11 are mounted. Each member 11 comprises two semi-cylindrical halves 12 and 13 mutually hinged together at 14. On the inner surfaces of the half sections 12 and 13, raised and more or less pointed bosses 15 are provided.

Along the edge of each of the sections 12 and 13 opposite the edge having the hinge 14 thereon, spaced apart tubular sleeves 16 and 17 are provided, respectively. The spaces between these sleeves on each section are equal to the lengths

of the sleeves, and the sleeves 16 are staggered with respect to the sleeves 17, so that when the two sections are closed about the band 10, the sleeves of one section register in the spaces between the sleeves of the other section, as shown in Figure 4. When in this closed position, the openings in all of the sleeves 16 and 17 are in alignment, and a pin 18 is passed therethrough to lock the sections together. This pin has a head 19 at one end, and either the pin or the inner walls of the sleeves 16 and 17 may be provided with a coating of some material such as rubber, so that the pin will be retained releasably therein.

When the handle members are mounted on the band 10, the bosses 15 prick the rubber of the band and prevent slipping of the handles thereon. When it is desired to replace the band 10, the handles are simply removed in an obvious manner and remounted on the new band.

In the modified form of handle member shown in Figure 7, the cylindrical outside shell 20 of the handle is formed of hard or relatively hard rubber. Securely fixed in this shell 20 is a metal lining 21 rounded in cross-section from the midpoint of the handle toward each end. The band 10 passes through this handle and lies in contact with the rounded surface of the lining. The rubber shell gives the handle a good soft gripping surface, and the metal lining gives the handle strength and rigidity. In this form the handle may be readily slid around the band, and the curvature of the lining 21 reduces the strain on the band at the point where it enters and the point where it leaves the handle.

Obviously, modifications in form and structure may be made without departing from the spirit of the invention.

I claim:

An exercising device comprising an endless rubber band normally oblong in outline, handle members each comprising a pair of mutually hinged semicylindrical sections adapted to be closed about the short sides of said band to enclose said band therebetween, means for locking said sections in said closed position, and means for locking said band in said closed handle member sections.

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