

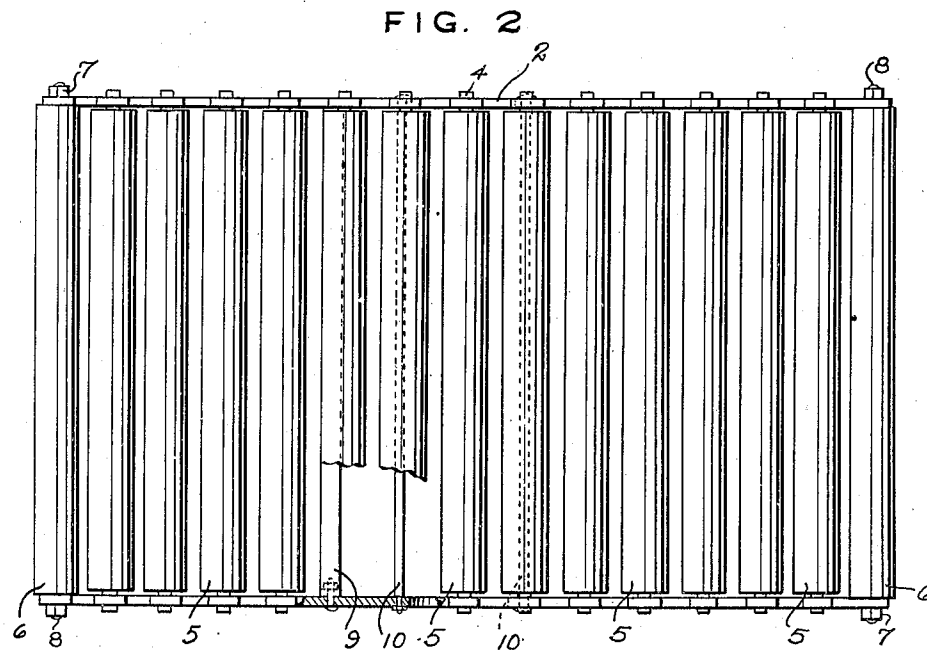
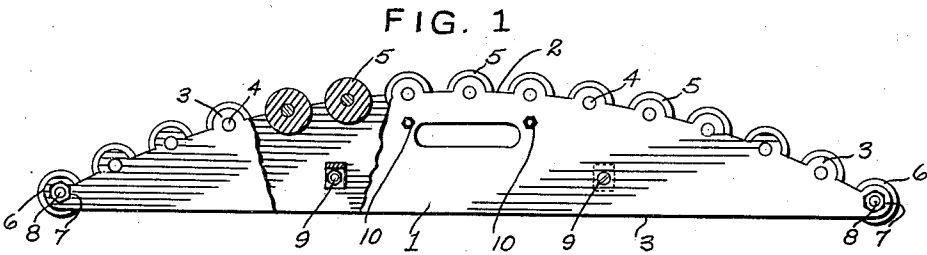
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F. R. MATTISON

2,438,249

ROLLER EXERCISING MACHINE

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Inventor

FRANK R. MATTISON,

By *McMurray, Brown & Davidson*
Attorneys

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ROLLER EXERCISING MACHINE

Frank R. Mattison, Burbank, Calif.

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1 Claim. (Cl. 128—57)

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This invention relates to a roller exercising machine adapted for use in gymnasiums or in the home particularly for exercising of the back muscles, but for other parts of the body as well.

It is an object of the invention to provide a roller exercising machine especially adapted to fit the back of a person using same.

It is a further object of the invention to provide an exerciser of the character described which shall be sturdily constructed, economical of manufacture and having all its parts readily accessible for repair or replacement.

The above and still further objects of the invention will become apparent upon study of the following detailed description of an embodiment of the invention, when taken in conjunction with the accompanying drawings, wherein:

Figure 1 is an elevational view of the device, partially broken to show certain details of construction; and

Figure 2 is a plan view, partially broken as in Figure 1 to show details of certain braces or tie rods.

Referring now to the drawings in detail, the device comprises frames or side plates 1, having generally curvilinear upper edges 2, and rectangular lower edges 3, the lower edges 3 being adapted to rest on a flat surface such as a floor or table top.

Extending upwardly from the generally curvilinear upper edges 2 are ears 3 perforated to provide bearings for the trunnions 4 extending out from the ends of rotatable rollers 5, and extending beyond the frames 1. The rollers 5 may be made of wood, plastic, rubber or metal if desired and if made of wood, plastic, rubber or like material may be secured to axially extending metallic members the ends of which, extending beyond the ends of rollers 5, comprise the trunnions 4.

There are provided, in all, eleven rollers, having diameters of about one inch and being spaced about three eighths of an inch, in the present embodiment, although I do not wish to be limited to the above number or dimensions.

The extreme end cylinders 6 are secured to the frame members or side plates 1 by means of nuts 7 threadably engaging extensions 8 of said rollers. Cylinders 6 are not rotatable and serve to space the frame members rigidly. To provide

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further bracing of the frame members or side plates 1 there are provided cross braces 9 extending between the walls at points intermediate the end cylinders, and adjacent to the lower edges of the end plates or frames 1.

Immediately beneath the central roller of the rollers 5, are apertures extending through the frames or end plates 1, to provide hand holes for lifting the device, and adjacent said hand holes are further braces or tie rods 10 extending between the end plates 1 and secured thereto in a suitable manner.

While I have described one embodiment of the invention it is to be understood that changes may be made in the arrangement and the details of the structure of the device, without violating the spirit of the invention or departing from the scope of the appended claim.

What I claim is:

20 A device of the character described comprising a pair of parallel side plates each including a straight lower edge and a convexly curvilinear upper edge conforming to a portion of the human anatomy and having ears formed thereon, a stationary cylinder immovably secured between said side plates adjacent each end thereof and extending below the lower edge thereof to form a support for the device, a plurality of rotatable cylinders having their ends journaled in said ears intermediate said stationary cylinders in conformity to the curvilinear upper edge, a hand support means formed in each side plate, and laterally extending members secured to said side plates and extending therebetween for spacing and bracing said side plates.

FRANK R. MATTISON.

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