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1,578,633

J. E. BONDE

EXERCISING APPARATUS

Filed May 29, 1924

2 Sheets-Sheet 2

Fig. 2.

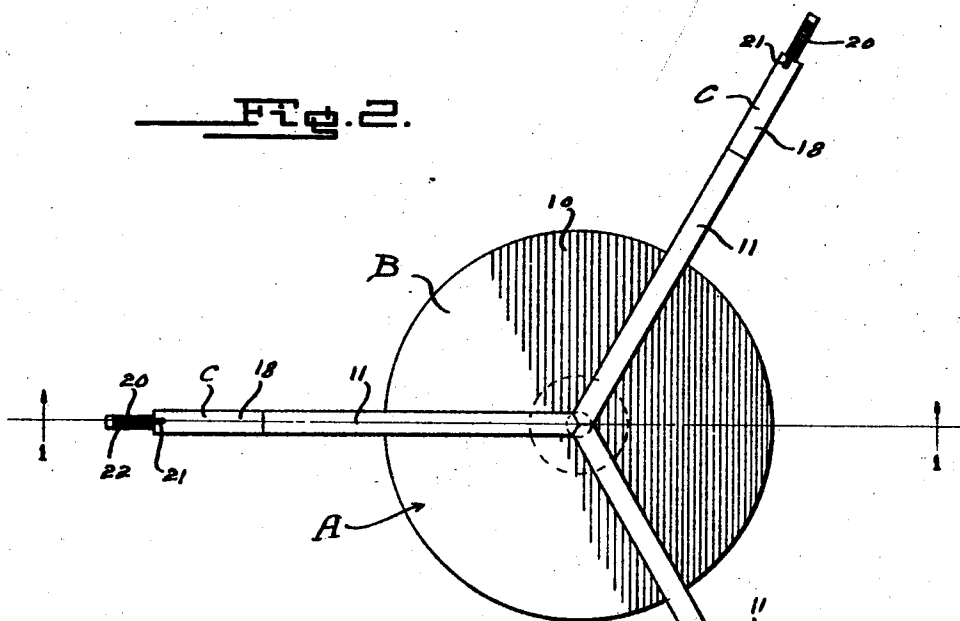
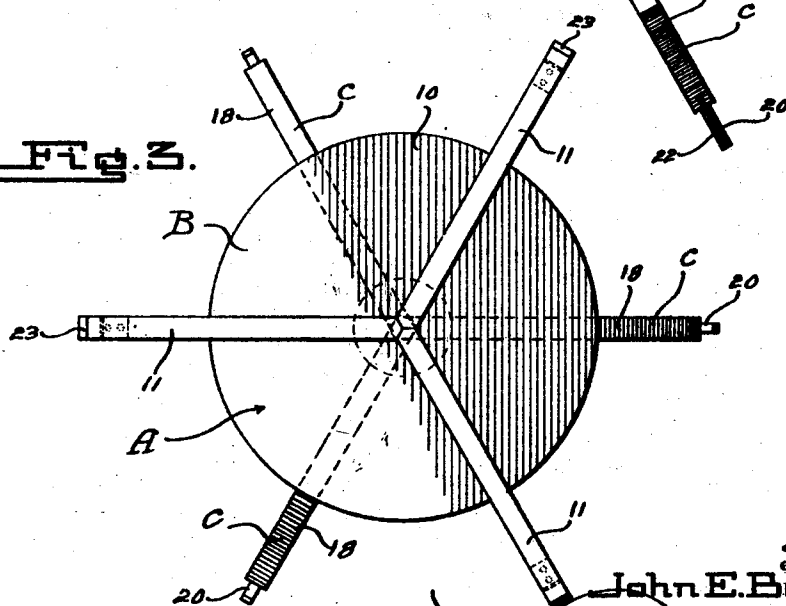


Fig. 3.



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EXERCISING APPARATUS.

Application filed May 29, 1924. Serial No. 716,781.

To all whom it may concern:

Be it known that I, JOHN E. BONDE, a citizen of the United States, residing at Providence, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in an Exercising Apparatus, of which the following is a specification.

The present invention relates to exercising apparatus, and more specifically to a novel support for striking bags, weight or elastic exercisers.

The primary object of the invention being to provide a novel support for exercising apparatus embodying feature, whereby the device may be readily collapsed into a compact form for storing in an out of the way place when not being used.

A further object of the invention is to provide a collapsible support for exercising apparatus wherein the supporting legs of the device are adjustable in order that the apparatus may be disposed at various heights in accordance with the desire of the user.

Other objects and advantages of the invention will appear in the following detailed description, taken in connection with the accompanying drawings, forming a part of this specification, and in which drawings,

Figure 1 is a central vertical section through the apparatus in a set-up or operative position.

Figure 2 is a top plan view of the same.

Figure 3 is a top plan view of the apparatus in a collapsed or folded position.

Figure 4 is an edge elevation of the apparatus in a collapsed or folded position, and

Figure 5 is an enlarged detail section through the exerciser attaching means.

Referring to the drawings in detail and wherein for the purpose of illustration is shown the preferred embodiment of the invention, the letter A designates my improved collapsible exercising apparatus comprising a platform B which may be disposed at any desired elevation by means of adjustable supporting members C; and D an attaching means for detachably supporting an exerciser E beneath the platform B.

The platform B consists of a substantially flat disc 10 having equidistantly spaced radially extending arms 11 secured to the upper face thereof as by fastening elements

12. These radially extending arms 11 have their pointed inner ends disposed in abutting relation axially of the disk 10 and have their outer ends which extend out past the peripheral edge of the disc, cut at an inwardly and downwardly extending angle as at 13. The lower inner portions of the arms 11 are recessed as at 14 for permitting of the lower face of the disk 10 being disposed flush with the lower faces of the arms. By so extending the arms 11 across the disk 10, a rigid rebound or striking disk will be provided for the exerciser E; which in the example shown consists of a single end striking bag 15 secured to the support by a suitable flexible suspension 16.

The supporting members C which are hingedly connected to the outer end of each radial arm as by hinges 17 which are disposed at the inner meeting faces of the supporting members C and arms 11, each consist of an upper leg section 18 having a longitudinally extending square opening 19 provided in the lower portion thereof for telescopically receiving a similarly shaped lower leg section 20. Carried by the lower portion of each of the upper leg sections 18 and extending into the openings 19 thereof, are wing nuts 21 which are adapted to engage racks 22 formed on the outer face of the lower leg sections 20 for permitting of vertical adjustment of the supports C. The upper ends of the leg sections 18 are cut at an inwardly and downwardly extending angle as at 23 in order that when the leg sections are swung to an open position, the end faces 13 and 23 of the arms 11 and leg sections 18 respectively will move into abutting relation and act as a stop for preventing further outward movement of the supporting members, and retaining them in a slightly outwardly inclined position with respect to the perpendicular by reason of the weight of the platform B acting thereupon.

Referring to the means D for detachably supporting the exerciser E beneath the platform B; the same consists of a plate 24 adapted to be positioned in an opening 25 provided axially of the disk 10, and secured in position with the lower face thereof lying flush with the lower face of the disk by means of fastening elements 26 which pass through the plate and into the inner end portions of the arms 11. The plate 24 is provided with an axially disposed screw

threaded bore 27 for removably receiving the screw threaded end of a suspension cup 28. This cup 28 is formed with an inner pocket 29 having a restricted bell shaped passage 30 communicating with the lower face of the cup and providing a shoulder for preventing the enlarged end of the suspension 16 from being withdrawn through the restricted passage 30. It can be seen that by this construction, that the bag 15 may readily be removed from the platform when desiring to collapse the support.

When desiring to collapse the support, the leg sections 20 may first be slid into the leg sections 18 and securely locked in this position by the wing nuts 21, and then after removing the striking bag 15 as by unscrewing the suspension cup 28, the supporting members C may readily be folded into compact relation adjacent the disk side of the platform B.

While no mention has been made as to the specific material of which the apparatus may be constructed, it is to be understood that the device may be made of various materials in accordance with the purpose for which it is intended.

Changes in detail may be made without departing from the spirit or scope of my invention; but,

I claim:

1. In a collapsible support for striking bags, a platform comprising a striking disk having radially extending arms secured to the upper face thereof, supporting members for said platform comprising upper leg sections hingedly connected to the outer end of each arm, lower leg sections having racks provided on the outer faces thereof, tele-

scoping within the upper leg sections, means carried by the upper leg sections adapted to engage the racks of the lower sections for retaining said platform at various adjusted elevations, and suspension means disposed beneath said disk for removably suspending a striking bag axially of the disk.

2. In a collapsible support for striking bags, a platform comprising a striking disk, radially extending arms secured to the upper face of the disk and extending out past the marginal edge thereof, the outer ends of said arms being cut at an inwardly and downwardly inclined angle, adjustable supporting members hingedly connected at their upper inner faces to the lower faces of said arms, and having their upper ends cut at an inwardly and downwardly inclined angle for abutting relation with the inclined outer ends of the arms when the supporting members are in an open operative position, and suspension means disposed beneath said disk for removably suspending a striking bag axially of the disk.

3. In a collapsible support for striking bags, a platform comprising a striking disc and three radially extending arms, said arms having their inner ends abutting at the axial center of the striking disc and extending radially therefrom in equal angular relation to one another past the marginal edges of the disc, vertically adjustable supporting legs hingedly connected to the outer end of each arm and capable of being folded inwardly beneath and across the axial center of said disc in crossed relation to one another, and means for detachably supporting a striking bag axially beneath said disc.

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