US 20030139264A1

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2003/0139264 A1

Kuo (43) Pub. Date: Jul. 24, 2003

(54) EXERCISER HAVING A HANDLE FOR SUPPORTING A REMOTE CONTROL DEVICE

(76) Inventor: **Hai Pin Kuo**, Tainan (TW)

Correspondence Address:
CHARLES E. BAXLEY
59 John Street - 5th Floor
New York, NY 10038 (US)

(21) Appl. No.: **10/050,408**

(22) Filed: **Jan. 18, 2002**

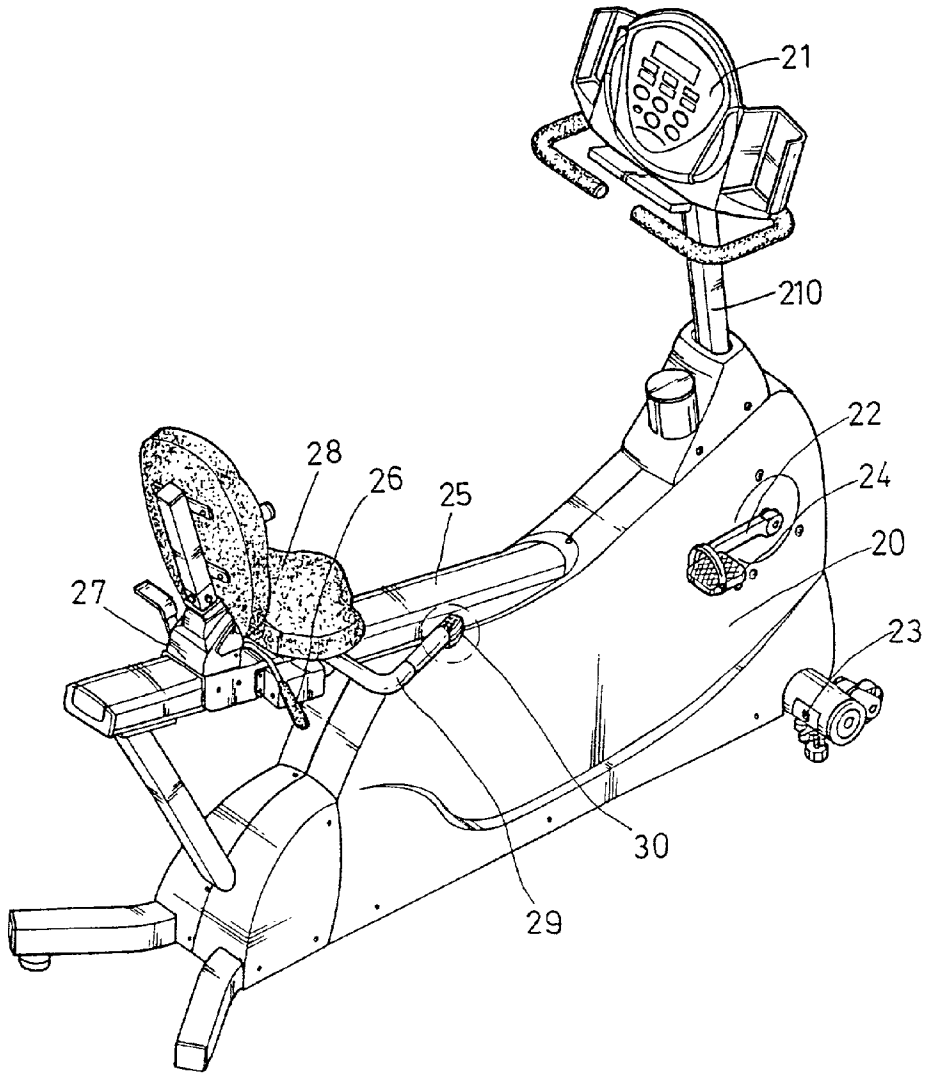
Publication Classification

(51) **Int. Cl.**[7] **A63B 22/06**; A63B 69/16

(52) **U.S. Cl.** **482/57**

(57) **ABSTRACT**

An exerciser includes a base, a control panel disposed on the base, a receiver device electrically coupled to the control panel, a handle, and a remote control device attached onto the handle, for allowing the remote control device to be operated by a hand of a user that holds the handle, and for allowing the remote control device to be easily operated by the users even when the users are actuating or operating the exercisers. The receiver device may be secured to various portions of the base. A seat may be supported on the base for supporting the user and the handle.



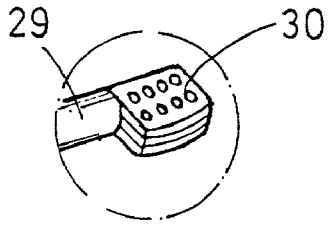


FIG. 2

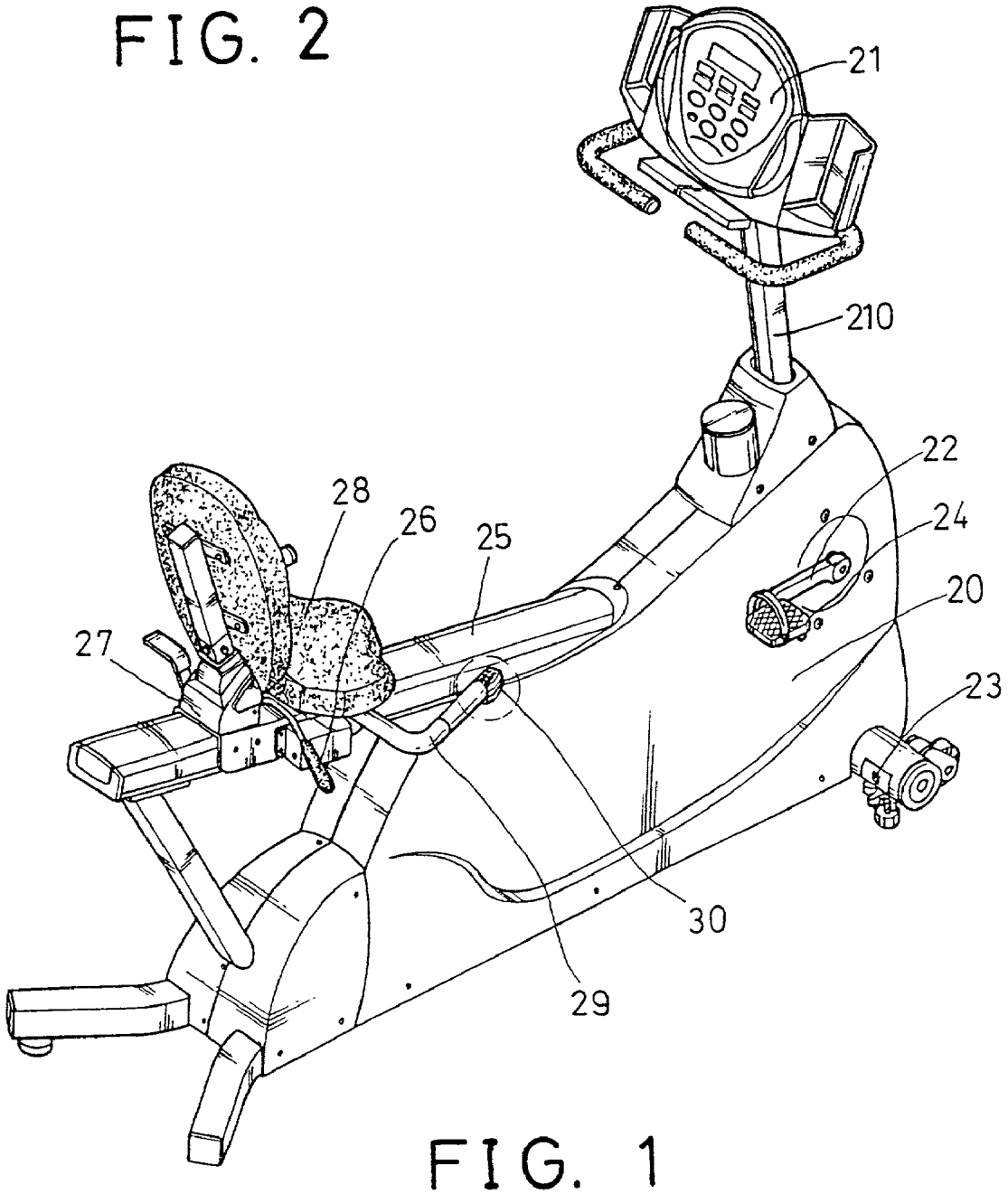


FIG. 1

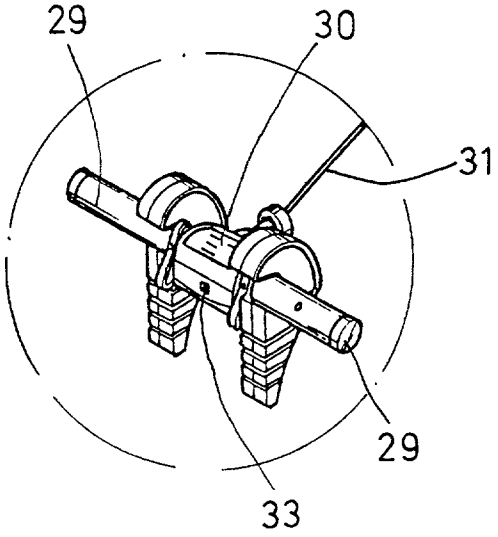


FIG. 4

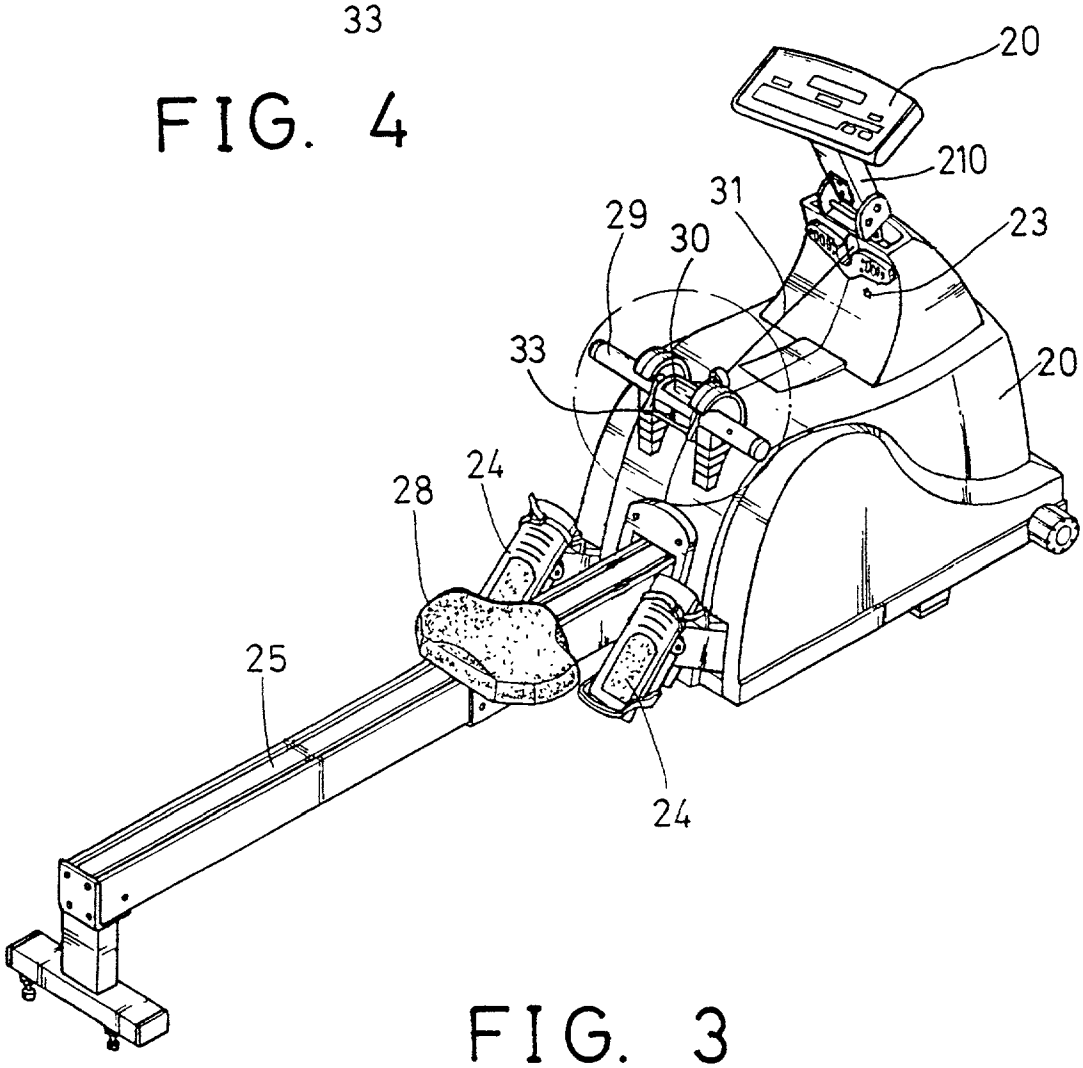


FIG. 3

EXERCISER HAVING A HANDLE FOR SUPPORTING A REMOTE CONTROL DEVICE

BACKGROUND OF THE INVENTION

[0001] 1. Field of the Invention

[0002] The present invention relates to an exerciser, and more particularly to an exerciser having a handle for receiving or supporting a remote control device.

[0003] 2. Description of the Prior Art

[0004] Various kinds of typical exercisers have been developed and used today; and various kinds of electric control devices have been developed for controlling the operation of the exerciser, and/or for displaying the training time, and/or for displaying or adjusting the users' levels of exercise intensities, such as the heart rate: and/or for adjusting the load applied to the exercisers. U.S. Pat. No. 4,832,332 to Dumbser. and U.S. Pat. No. 5,318,487 to Golen et al., disclose two of the typical exercisers having various kinds of electric control devices. The typical exercisers comprise a control panel secured on or in the exerciser and. normally. may be actuated or depressed only when the users stop exercising the exercisers; i.e., the control panel may not be actuated or depressed or operated while the exercisers are operated by the users.

[0005] The present invention has arisen to mitigate and/or obviate the afore-described disadvantages of the conventional exercisers.

SUMMARY OF THE INVENTION

[0006] The primary objective of the present invention is to provide an exerciser including a handle for receiving or supporting a remote control device and for allowing the exerciser or the control panel to be easily actuated or operated by the remote control device that is supported or received in the handle.

[0007] In accordance with one aspect of the invention, there is provided an exerciser comprising a base, a control panel disposed on the base, a receiver device electrically coupled to the control panel, a handle, and a remote control device attached onto the handle, for allowing the remote control device to be operated by a hand of a user that holds the handle. and for allowing the remote control device to be easily operated by the users even when the users are actuating or operating the exercisers.

[0008] A seat is further provided and supported on the base. the handle is secured to the seat. The base includes a track provided thereon, the seat is adjustably secured on the track. The seat includes a bracket adjustably secured thereon for supporting the seat. The base includes a pair of foot pedals attached thereto.

[0009] Further objectives and advantages of the present invention will become apparent from a careful reading of a detailed description provided hereinbelow, with appropriate reference to accompanying drawings.

BRIEF DESCRIPTION OF THE DRAWINGS

[0010] **FIG. 1** is a perspective view of an exerciser in accordance with the present invention;

[0011] **FIG. 2** is an enlarged partial perspective view illustrating the attachment of a remote control device onto a handle;

[0012] **FIG. 3** is a perspective view illustrating the other embodiment of the exerciser; and

[0013] **FIG. 4** is an enlarged partial perspective view illustrating the attachment of a remote control device onto a handle of the exerciser as shown in **FIG. 3**.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

[0014] Referring to the drawings, and initially to **FIGS. 1 and 2**, an exerciser in accordance with the present invention comprises a base **20**, a typical control panel **21** disposed or supported on the base **20** by such as a post **210**. The control panel **21** is typical and will not be described in further details. U.S. Pat. No. 4,832,332 to Dumbser. and U.S. Pat. No. 5.318,457 to Golen et al., have disclosed two of the typical control panels for the exercisers. and are taken as references for the present invention. A pair of typical cranks **22** are rotatably attached to the base **20** and each has a foot pedal **24** attached thereto. for allowing the exerciser to be used as a cycling exerciser.

[0015] The base **20** includes a longitudinal rail or track **25** provided thereon. A bracket **27** is slidably engaged on the track **25** for supporting a seat **28** thereon, and a typical control lever **26** attached to the seat **28** or to the bracket **27** for adjustably securing the bracket **27** to the track **25**. One or two handles **29** are attached to the seat **28** or to the bracket **27**, for being rasped by the users. The above-described configuration of the exerciser is typical and will not be described in further details.

[0016] The exerciser in accordance with the present invention further comprises a receiver device **23** attached to the base **20** and electrically coupled to the control panel **21**, and an emitter device or a remote control device **30** is provided and attached to either of the handles **29** and may be easily actuated or operated by the hand of the user that holds the handle **29**, for allowing the remote control device **30** to be easily operated by the users even when the users are actuating or operating the exercisers.

[0017] Referring next to **FIGS. 3 and 4**, without the cranks **22**, the foot pedals **24** may be directly attached onto the base **20**. The receiver device **23** may be attached to the other position of the base **20**, and electrically coupled to the control panel **21**. Instead of being attached to the seat **23**, the handle **29** is coupled to a typical spring biased cable member **31**, for allowing the handle **29** to be pulled away from the control panel **21** against the spring biased cable member **31**, for exercising purposes. The emitter device or the remote control device **30** is provided and attached to either of the handles **29** and includes a switch **33** that may be easily actuated or operated by the hand of the user that holds the handle **29**, for allowing the remote control device **30** to be easily operated by the users even when the users are actuating or operating the exercisers.

[0018] Accordingly, the exerciser in accordance with the present invention includes a handle for receiving or supporting a remote control device and for allowing the exerciser or the control panel to be easily actuated or operated by the remote control device that is supported or received in the handle.

[0019] Although this invention has been described with a certain degree of particularity, it is to be understood that the present disclosure has been made by way of example only and that numerous changes in the detailed construction and the combination and arrangement of parts may be resorted to without departing from the spirit and scope of the invention as hereinafter claimed.

I claim:

1. An exerciser comprising:

a base,

a control panel disposed on said base,

a receiver device electrically coupled to said control panel,

a handle, and

a remote control device attached onto said handle, for allowing said remote control device to be operated by a hand of a user that holds said handle.

2. The exerciser according to claim 1 further comprising a seat supported on said base, said handle being secured to said seat.

3. The exerciser according to claim 2, wherein said base includes a track provided thereon. said seat is adjustably secured on said track.

4. The exerciser according to claim 3. wherein said seat includes a bracket adjustably secured thereon for supporting said seat.

5. The exerciser according to claim 1 wherein said base includes a pair of foot pedals attached thereto.

* * * * *