The present invention is to provide an exercise drawing assembly adapted to be installed on a base frame of a multi-function exercise machine. The multi-function exercise machine has a burden assembly connected to said drawing assembly by means of ropes so as to provide damping to the drawing assembly when it is in operation. The drawing assembly comprises two controlling members and two arms. The controlling member are fastened at two lateral sides of said base frame of said multi-function exercise machine, and each of said controlling members having a plurality of openings in substantially an equal interval. The two arms are pivoted to said controlling members respectively for free rotating, and each of said arms having a positioning member which is capable of inserting one of the openings of said controlling member such that said arms can be fixed on said controlling members with determined postures.
FIG. 1
PRIOR ART
FIELD OF THE INVENTION

The present invention relates generally to an exercise machine, and more particularly to a drawing assembly of an exercise machine.

BACKGROUND OF THE INVENTION

In modern life, people pay more attention to health and body building. Some people go to gymnasium for physical training. In exercise, people will sweat to get metabolism quickly, and more particularly, it will lose weight. In gymnasium, multi-function exercise machine is the most popular equipment to user.

FIG. 1 shows a conventional multi-function exercise machine 1, which has a frame 2 and some training assemblies disposed on the frame 2, such as weight lifting assembly 3 and weight drawing assembly 4. The loadings of these training assemblies 3 and 4 are provided by a burden assembly 7. Some ropes 5 and pulleys 6 are provided to transmit the loading from the burden assembly 7 to the training assemblies 3 and 4. These training assemblies 3 and 4 are fixed at the frame 2 for training the specific muscle of user. So, there only are a few main muscles, such as biceps, triceps and pectorals etc., can be trained by the exercise machine 1, and each of the training assemblies 3 and 4 only can train one specific muscle. User needs to switch to the different training assemblies to train muscles. Sometime it is inconvenient to the user.

SUMMARY OF THE INVENTION

The primary objective of the invention is to provide a drawing assembly of an exercise machine, which has a simpler structure and can be adjusted by user to train different portions of muscles.

According to the objective of the invention, an exercise drawing assembly is adapted to be installed on a base frame of a multi-function exercise machine. The multi-function exercise machine has a burden assembly connected to said drawing assembly by means of ropes so as to provide damping to the drawing assembly when it is in operation. The drawing assembly comprises two controlling members and two arms. The controlling member are fastened to two lateral sides of said base frame of said multi-function exercise machine, and each of said controlling members having a plurality of openings in substantially an equal interval. The two arms are pivoted to said controlling members respectively for free rotating, and each of said arms having a positioning member which is capable of inserting one of the openings of said controlling member such that said arms can be fixed on said controlling members with determined postures.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 shows a structure sketch of a multi-function exercise machine of the prior art.

FIG. 2 shows a structure sketch of a preferred embodiment of the present invention installed on a base frame of a multi-function exercise machine.

FIG. 3 shows an exploded view of the preferred embodiment of the present invention.
thereof for user to grip the holding member 70 and to pull it out against the damping provided by the burden assembly 25.

[0016] In operating, please refer to FIG. 4, the arms 41 of the drawing assembly 40 can be turned to a horizontal position and the positioning members 44 are respectively engaging to the middle openings 451 of the controlling members 45 for locking the arms 41. User pull the holding member 70 can train the muscles of chest and shoulder.

[0017] The arms 41 of the drawing assembly 40 also can be turned to a upright position and be locked in there as shown in FIG. 5. User pull the holding member 70 can train the muscles of arms and back.

[0018] For the same reason, the arms 41 of the drawing assembly 40 can be turned to different angles and can be locked in there via the positioning members 44 engaging to the specific openings 451 of the controlling members 45. User can train different muscles by changing the angles of the arms 41 as he/she wanted.

What is claimed is:

1. An exercise drawing assembly adapted to be installed on a base frame of a multi-function exercise machine, said multi-function exercise machine having a burden assembly connected to said exercise drawing assembly by means of ropes so as to provide damping to the exercise drawing assembly when the drawing assembly is in operation, said exercise drawing assembly comprising:
   - two controlling members fastened at two lateral sides of said base frame of said multi-function exercise machine; each of said controlling members having a plurality of openings in substantially an equal interval;
   - two arms pivoted to said controlling members respectively for free rotating; each of said arms having a positioning member which is capable of inserting one of the openings of said controlling member such that said arms can be fixed on said controlling members with determined postures.

2. The exercise drawing assembly as defined in claim 1, wherein said positioning member of said arm is a bolt.

3. The exercise drawing assembly as defined in claim 1, wherein said arms have hollow cores for the pass of the ropes respectively.

4. The exercise drawing assembly as defined in claim 3, wherein said rope has one end thereof connecting to said burden assembly of the multi-function exercise machine and the other end thereof connecting to a holding member.

5. The exercise drawing assembly as defined in claim 3 further comprising two pulleys pivoted to the distal end of said arms respectively; said rope having one end thereof connecting to the burden assembly of the exercise machine and the other end thereof passing through said pulley.

6. The exercise drawing assembly as defined in claim 5, wherein the distal end of said rope further providing with a chain; the distal end of said chain providing with a holding member for user to grip.

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