

Diego Gonzalez

1) Family number: 61688764 (US2016045778A)

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Title: EXERCISE DEVICE FOR SUSPENDED BODY WEIGHT TRAINING

Abstract: A pulley system of an exercise device for suspended weight training includes a first block with a first pulley, a second pulley, and a first attachment point. A second block is removably coupled to a weight and includes a third pulley and a second attachment point. A grip is configured to be held by a user while exercising and has a third attachment point. A line having a first line end is fixedly coupled to the grip and a second line end fixedly is coupled to a connection element. The connection element is configured to be selectively coupled to each of the first attachment point, the second attachment point, and the third attachment point, permits a user to reduce an effective amount of the weight lifted by the user with movement of the grip to a pre-selected fraction of the weight.

Classifications:

International (IPC 8-9): A63B21/00 A63B21/068 A63B21/16

A63B23/12 A63B7/02 (Advanced/Invention);

A63B23/035 (Advanced/Non-invention)

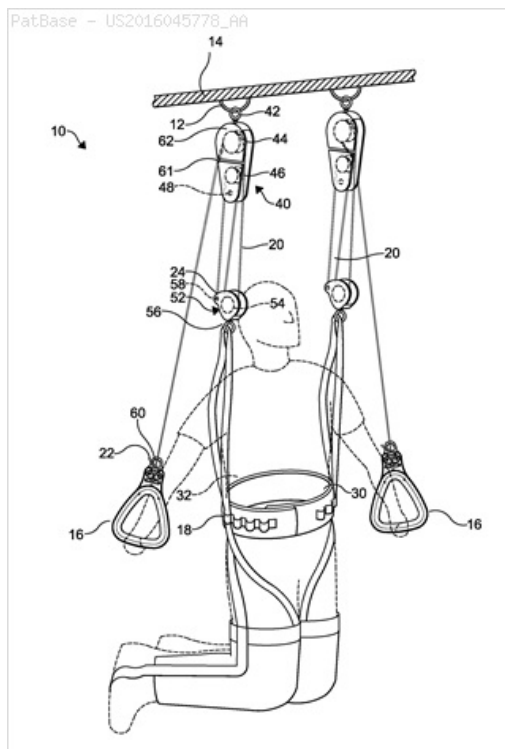
CPC: A63B21/16 A63B21/068 A63B21/154 A63B21/4009 A63B7/02

A63B21/00069 A63B21/00185 A63B21/4011 A63B21/4015

A63B21/4035 A63B21/4043 A63B23/03533 A63B23/1227

A63B23/1236 A63B23/1272

US: 1/1 482/96



Family:

Publication number	Publication date	Application number	Application date
US2016045778 AA	20160218	US20150819567	20150806
US2018036579 AA	20180208	US20170789281	20171020
US2018280755 AA	20181004	US20180001660	20180606
US9821188 BB	20171121	US20150819567	20150806

Priority:

US20140070175P 20140818 US20150819567 20150806 US20170789281 20171020
US20180001660 20180606

Probable Assignee: DWORK JOSH

Assignee(s): (std): DWORK JOSH ; DWORK MATTHEW ; STRIPE FITNESS LLC

Inventor(s): (std): DWORK JOSH ; DWORK MATTHEW

Agent(s): JACOB M; WARD LAW OFFICE LLC

2) Family number: 55803737 (US2014051552A)

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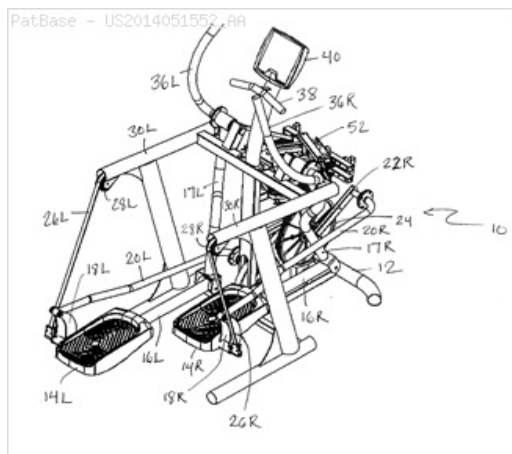
Title: ELLIPTICAL MOTION EXERCISER

Abstract: An exercise apparatus includes a frame, a crank with left and right crank arms rotatably coupled to the frame and left and right exercise assemblies. Each of the exercise assemblies includes a pedal link, a foot pedal coupled to a rearward portion of the pedal link, a rocker link having a lower portion pivotally coupled to the forward end of the pedal link and an upper portion pivotally coupled to the frame, and a driver link having a forward portion pivotally coupled to a respective crank arm and a rearward portion pivotally coupled to the pedal link. A flexible connecting member is coupled to the pedal links or the driver links and to a pivoting assembly mounted on the frame. The left and right foot pedals reciprocate forwardly and rearwardly in coordination with rotation of the crank and reciprocate upwardly and downwardly in coordination with rotation of the pivoting assembly.

Classifications:

International (IPC 8-9): A63B22/04 (Advanced/Invention)

CPC: A63B22/0664 A63B21/0056 A63B21/023 A63B21/0421
A63B21/055 A63B21/154 A63B21/155 A63B21/225 A63B22/001
A63B22/0015 A63B22/0056 A63B22/0061 A63B2022/0682
A63B22/0017
US: 482/52



Family:

Publication number	Publication date	Application number	Application date
US2014051552 AA	20140220	US20120585637	20120814

Priority:

US20120585637 20120814

Probable Assignee: DREAM VISIONS LLC

Assignee(s): (std): DREAM VISIONS LLC ; HABING THEODORE G ; MERLI CHRISTOPHER R

Inventor(s): (std): HABING THEODORE G ; MERLI CHRISTOPHER R

3) Family number: 68768866 (US9907995B)

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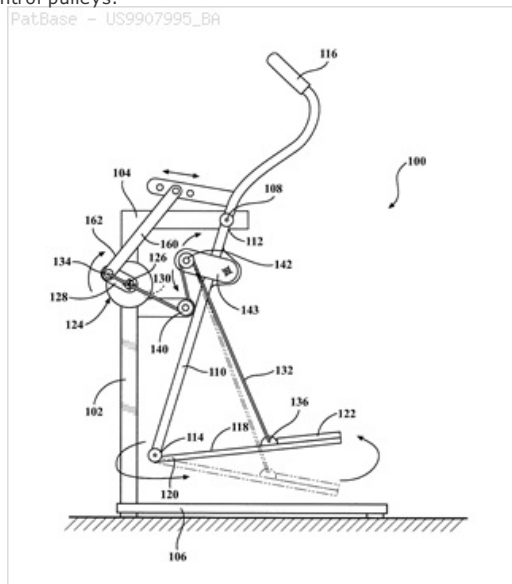
Title: SUSPENSION ELLIPTICAL EXERCISE DEVICE

Abstract: An exercise device has guide links each having a first attachment point pivotally attached to an upper part of a frame. Foot support links each have a foot receiving area to support a user's foot and are pivotally connected to a second attachment point of one of the guide links so that when the guide links pivot relative to the frame, the foot support links move in a path of travel having a horizontal component of motion. A first and a second control pulley are each pivotally connected to a respective one of the guide links and offset from the first pivot axis so as to move in an arc. A first and a second flexible element each couple the vertical drive assembly to a respective one of the foot support links. Each flexible element has a midportion extending about a respective one of the control pulleys.

Classifications:

International (IPC 8-9): A63B21/015 A63B22/04 A63B22/06
A63B22/08 A63B22/10 A63B22/12 A63B22/18 (Advanced/Invention)

CPC: A63B22/0605 A63B2022/0611 A63B21/151 A63B21/225
A63B22/001 A63B22/0056 A63B22/0664 A63B69/182
A63B2022/0051 A63B2022/0053 A63B2022/0682



Family:

Publication number	Publication date	Application number	Application date
US9907995 BA	20180306	US20170698295	20170907
WO19009934 A1	20190110	WO2018US21168	20180306

Priority:

US20170529142P 20170706 US20170698295 20170907

Probable Assignee: KEYSTONE RESEARCH LLC

Assignee(s): (std): LARRY D MILLER TRUST

Assignee(s): KEYSTONE RESEARCH LLC

Inventor(s): (std): MILLER LARRY ; MILLER LARRY D

Agent(s): DINSMORE AND SHOHL LLP; WATHEN DOUGLAS L ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR
CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU
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4) Family number: 11195373 (US5823921A)

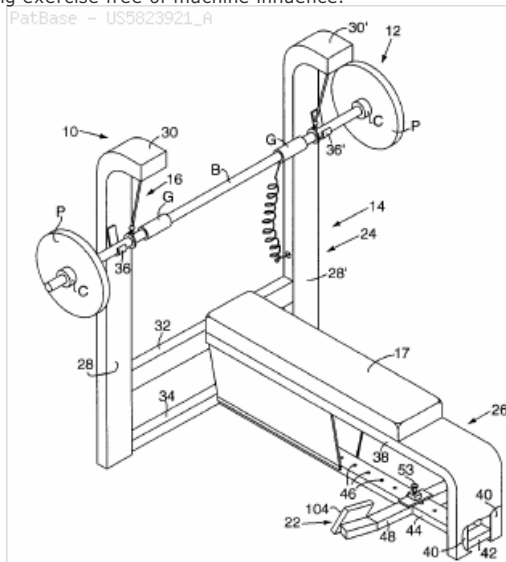
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Title: Freeweight barbell lifting exercise machine with user controllable lift assist and safety device

Abstract: A freeweight lifting exercise machine having a barbell connected to a cable system operated by a pneumatic motor supported below a lifting bench. An electropneumatic control system operated by a weightlifter using the machine controls the pneumatic motor to apply an exponentially variable lifting force to the cable in response to linear movement of a foot pedal to replicate the function of a "spotter". The control system automatically applies sufficient lifting force to the cable to remove slack from the cable during the lifting mode and nullifies the slack removing force during the lowering mode of a normal lifting exercise enabling the lifter to perform a freeweight lifting exercise free of machine influence.

Classifications:**International (IPC 8-9):** A63B21/078 (Advanced/Invention)**International (IPC 1-7):** A63B21/078**CPC:** A63B21/00058 A63B21/00181 A63B21/078 A63B2225/30**European:** A63B21/00T A63B21/078 K63B21/00F K63B225/30**US:** 482/104 482/93

PatBase - US5823921_A

**Family:**

Publication number	Publication date	Application number	Application date
US5823921 A	19981020	US19960699113	19960816

Priority:

US19940212508 19940311 US19960699113 19960816

Probable Assignee:

DAWSON JEFFREY S

Assignee(s):

DAWSON JEFFREY S

Inventor(s): (std):

DAWSON JEFFREY S

5) Family number: 8839832 (US5498790A)

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Title: REGENERATION OF SULFURIC ACID FROM SULFATE BY-PRODUCTS OF 2-HYDROXY-4-(METHYLTHIO)BUTYRIC ACID MANUFACTURE

Abstract: A process for the preparation of sulfuric acid by burning the oxidizable components of a feed solution obtained as a byproduct of the preparation of 2-hydroxy-4-(methylthio)butyric acid ("HMBA") by hydrolysis of 2-hydroxy-4-(methylthio)butyronitrile ("HMBN"). A combustion gas containing sulfur dioxide is produced. The combustion gas is cooled to condense water and sulfuric acid, then mixed with a source of oxygen to produce a feed gas containing at least about 0.9 moles oxygen per mole sulfur dioxide. The feed gas is passed over a catalyst for the conversion of sulfur dioxide to sulfur trioxide at a temperature effective for the conversion. Sulfur trioxide may be absorbed in concentrated sulfuric acid to generate additional sulfuric acid which may be recycled and used for hydrolysis of HMBN in the preparation of HMBA. The process may be operated as a closed system in which ammonium bisulfate byproduct of HMBA manufacture is used as the source of sulfur for the generation of sulfuric acid used in the hydrolysis of HMBN to HMBA.

Classifications:**International (IPC 8-9):** A63B23/04 A63B69/18 C01B17/58

C01B17/74 C01B17/76 C01B17/92 C07C319/20 C07C323/52

C07C57/00 C07C69/00 C07C69/013 C07C69/54 C08F20/18

G03F7/004 G03F7/039 (Advanced/Invention);

A63B69/18 C07C323/52 (Advanced/Non-invention);

C07C57/00 C07C69/00 C08F20/00 G03F7/004

G03F7/039 (Core/Invention);

C01B17/74 C07C323/00 (Core/Non-invention)

International (IPC 1-7): A01N37/02 A63B22/00 A63B22/04

A63B69/18 C01B17/50 C01B17/58 C01B17/74 C01B17/76

C01B17/90 C01B17/92 C07C319/20 C07C323/52 C07J7/00

CPC: A63B22/001 A63B21/225 A63B22/0056 A63B22/0664

A63B22/201 A63B22/203 A63B23/0429 A63B69/182 A63B2022/067

A63B2208/0204 A63B22/208 A63B22/0017 C01B17/585 C01B17/745

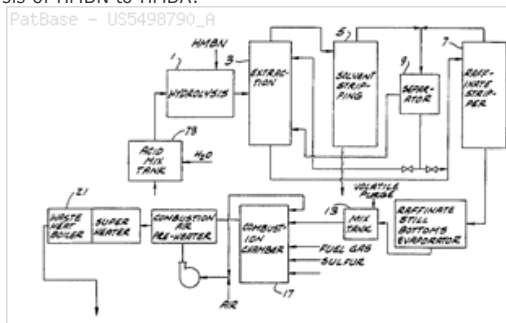
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C07C319/20 K63B208/02B K63B21/22F K63B22/00B2 K63B22/06E2 K63B23/04B4 K63B69/18C

US: 423/522 423/525 423/531 482/52 482/70 562/581

PatBase - US5498790_A

**Family:**

Publication number	Publication date	Application number	Application date
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AU199454085 A1	19950103	AU19940054085	19931021
AU199721903 A1	19970910	AU19970021903	19970221
BRP19307863 A	19960206	BR1993PI07863	19931021
CN1050583 C	20000322	CN19931019580	19931025
CN1096766 A	19941228	CN19931019580	19931025
DE69332646 D1	20030220	DE19936032646	19931021
DE69332646 T2	20031023	DE19936032646T	19931021
EP0705060 A1	19960410	EP19930924374	19931021
EP0705060 A4	19970122	EP19930924374	19931021
EP0705060 B1	20030115	EP19930924374	19931021
ES2191017 T3	20030901	ES19930924374T	19931021
JP3479301 B2	20031215	JP19950501713T	19931021
JP9504767 T2	19970513	JP19950501713T	19931021
SG52611 A1	19980928	SG19960006721	19931021
TH10167 B	20010220	TH19931001895	19931020
TH14772 A	19940930	TH19931001895	19931020
TW228504 B	19940821	TW19930108920	19931027
US5498790 A	19960312	US19930073877	19930609
US5670128 A	19970923	US19960604410	19960221
US5792029 A	19980811	US19960604510	19960221
WO9428717 A1	19941222	WO1993US10028	19931021
WO9730762 A1	19970828	WO1997US02604	19970221
ZA9307163 A	19940616	ZA19930007163	19930927

Priority:

US19930073877 19930609 WO1993US10028 19931021 US19960604410 19960221
US19960604510 19960221 WO1997US02604 19970221

Probable Assignee: NAUTILUS INC

Assignee(s): (std): GORDON TRACE ; MONSANTO CO ; NOVUS INT INC ; NOVUS INT ; NOVUS INTERNATIONAL ; TRACE GORDON ; ROBERT W GRENDL

Assignee(s): INC. ; MONSANTO COMPANYNOVUS INTERNATIONAL ; MONSANTO COMPANYUS ; NAUTILUS INC ; NOVUS INTERNATIONAL INC ; MONSANTO ENVIRO CHEM SYSTEMS INC ; MONSANTO ENVIRO CHEM SYSTEMS INC PO BOX 14547 ST L ; MONSANTO COMPANY ; GORDON TRACE O ; BANK OF AMERICA NA ; BANK OF AMERICA NA ADMINISTRATIVE AGENT AS ; DASHAMERICA INC

Inventor(s): (std): WILLOCK JAMES M ; KLOPFENSTEIN B ; GRENDL W ; REID L ; PROKOP K ; STANLEY L REID ; ROBERT W GRENDL ; JEFFREY B KLOPFENSTEIN ; ROBIN K PROKOP ; KLOPFENSTEIN JEFFREY B ; WILLOCK J MICHAEL ; REID STANLEY L ; PROKOP ROBIN K ; KLOPFENSTEIN JEFFREY B ; GRENDL ROBERT W ; MICHAEL WILLOCK ; PROKOP R K ; CLOSFENTEIN J B ; GRENDL R W ; GORDON TRACE

Inventor(s): TRACE GORDON ; J MICHAEL WILLOCK ; B.PROKOP ; GRENDL ; James ; Jeffrey ; K.REID ; L.WILLOCK ; M. ; Robert ; Robin ; Stanley ; W.KLOPFENSTEIN ; JAMES M WILLOCK ; R W GRENDL ; J B CLOSFENTEIN ; R K PROKOP

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CZ DE DK EE ES FI FR GA GB GE GN GR HU IE IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SN SZ TD TG TJ TM TR TT UA UG UZ VN YU

6) Family number: 4627420 (US5022647A)

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Title: UPPER TORSO AND LIMB EXERCISING DEVICE

Abstract: An upper torso and limb conditioner and exerciser useful for conditioning and strengthening the upper torso and limb thereby forming a natural resistance to the speed of a swinging golf club head. The apparatus is to be used with at least one weight in the exercising of a user's upper torso and limb. The apparatus includes a support frame with at least one upright member attached to at least one transverse top member, and at least one rest secured substantially parallel to the upright member adapted for engaging, receiving and supporting a selected region of the user's body to facilitate the lateral or longitudinal movement of the upper torso and limb while raising and lowering the weight. A pulley sheave is movably mounted on the top frame member, and a flexible cord passes over the pulley sheave and is coupled to the weight at the lower end thereof. The upper end of the cord is adapted to be grasped by the user's fingers along the palm of hand for raising and lowering the weight in the exercising of the upper torso and limb.

Classifications:

International (IPC 8-9): A63B23/12 (Advanced/Invention);

A63B21/00 A63B21/062 (Advanced/Non-invention);

A63B23/035 (Core/Invention);

A63B21/00 A63B21/06 (Core/Non-invention)

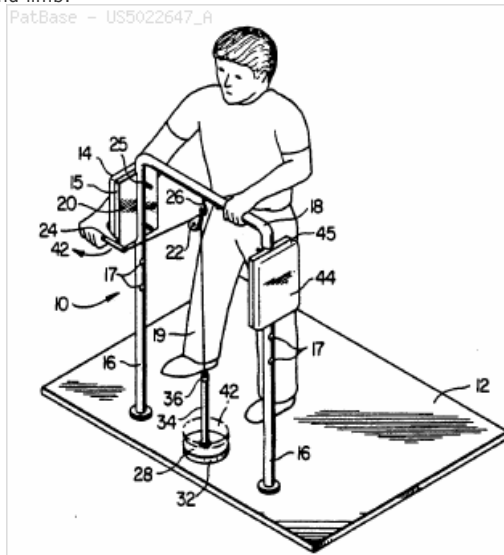
International (IPC 1-7): A63B21/06

CPC: A63B21/154 A63B21/0628 A63B23/12

European: A63B21/15F6 A63B23/12

US: 272/117 272/134 272/67 273/191B 473/229 482/102 482/133 482/46

PatBase - US5022647_A



Family:

Publication number	Publication date	Application number	Application date
US5022647 A	19910611	US19900561276	19900801

Priority:

US19890354474 19890519 US19900561276 19900801

Probable Assignee: FULCHER GARLAND J

Assignee(s): (std): FULCHER GARLAND J

Inventor(s): (std): FULCHER GARLAND J

7) Family number: 32685232 (US2006052222A)

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Title: MULTI-FUNCTION SWING APPARATUS FOR TOTAL-BODY EXERCISE, STRETCHING, YOGA, SPINAL TRACTION, GYMNASTICS, INVERSION THERAPY, SPINAL MANIPULATION AND WEIGHTLESS COUPLING AND SKY CHAIR

Abstract: A Multi-Function Swing Apparatus for Total Body Exercise, Stretching, Yoga, Lumbar and Pelvic Traction, Gymnastics, Inversion Therapy, Spinal Manipulation and Weightless Coupling consisting of an adjustable stand, a swivel hook, springs, a support bar, webbing with multiple loops, top, middle and bottom hand and foot grips, with optional foot "booty".

Classifications:

International (IPC 8-9): A63B21/00 A63B21/06 A63B21/068

A63B23/00 A63B26/00 (Advanced/Invention);

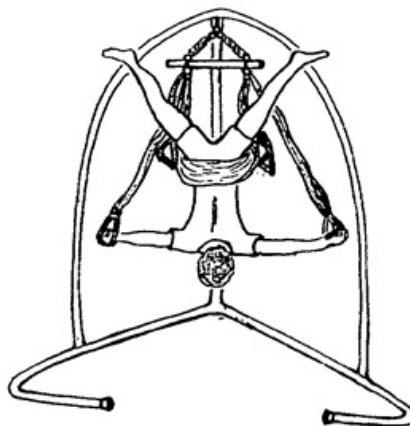
A63B21/00 A63B21/06 A63B23/00 A63B26/00 (Core/Invention)

CPC: Y10S482/907 A61H1/0229 A63B7/00 A63B7/02

European: A61H1/02D12 A63B7/00 A63B7/02

US: 482/143 482/148 482/23 482/69 482/907 482/92 482/96

PatBase - US2006052222_AA



Family:

Publication number	Publication date	Application number	Application date
US2006052222 AA	20060309	US20040934244	20040903
US7255666 BB	20070814	US20040934244	20040903

Priority:

US20040934244 20040903

Probable Assignee: CARDENAS ANTHONY J

Assignee(s): (std): CARDENAS ANTHONY J

Inventor(s): (std): CARDENAS ANTHONY J

Inventor(s): CARDENAS ANTHONY

Agent(s): ANTHONY CARDENAS

8) Family number: 57492111 (US2014329650A)

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Title: LOAD DISTRIBUTING GRIP HANDLE

Abstract: Grip handles for coupling to a resistance force provided by exercise equipment, resistance bands, or the user's own bodyweight. Each grip handle is defined by an increasing outer surface circumference along the length of the handle to form a generally conical shaped handhold attached to a rigid or flexible member. Where, the member is coupled at the apex of the grip handle. The generally cone shaped handle provides a comfortable and ergonomic surface to securely distribute the user's grip force during the exercise movements, thus significantly reducing the pressure points and grip requirements of current exercise handles. Where in one embodiment, the flexible member may be a resistance band or in another embodiment, it may be a rope or other type of flexible cable attached to a cable pull machine, suspension trainer anchor, or other type of exercise machine. Additionally, it is conceived that the invention could be a single flexible member with a cone handle at each end, or an individual handle with a cone grip on one end and a means of attaching the flexible member of the grip to an exercise machine.

Classifications:

International (IPC 8-9): A45B9/02 A63B21/00 A63B21/018

A63B21/16 A63B22/00 A63B23/12 A63B23/16 A63B69/00

A63B71/00 A63C11/22 (Advanced/Invention);

A63B21/16 A63B23/035 (Advanced/Non-invention)

CPC: A63B21/00043 A63B21/154 A63B21/1618 A63B23/03525

A63B23/03533 A63B23/03541 A63B69/0093 A63B2208/03

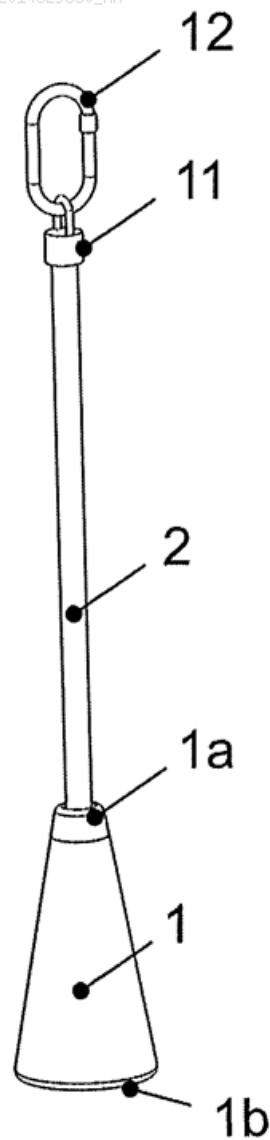
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Y10T16/466 A63B21/1645 A63B21/169 A63B21/4043

A63B2022/0035 A63B2022/0041 A63B2209/14

US: 1/1 135/65 482/139

**Family:**

Publication number	Publication date	Application number	Application date
US2014329650 AA	20141106	US20130803915	20130506
US2017296860 AA	20171019	US20160098801	20160414
US2017296907 AA	20171019	US20160210719	20160714
US2018099175 A9	20180412	US20160098801	20160414
US2018147477 A9	20180531	US20160210719	20160714
US9370685 BB	20160621	US20130803915	20130506
US10118084 BB	20181106	US20160210719	20160714
US10286251 BB	20190514	US20160098801	20160414
WO14158873 A1	20141002	WO2014US20634	20140305

Priority:

US20130803915 20130506 US20160098801 20160414 US20160210719 20160714

Probable Assignee: DYNEPIC SPORTS LLC

Assignee(s): (std): DYNEPIC LLC ; DYNEPIC SPORTS LLC ; WATRY KRISSA

Inventor(s): (std): WATRY KRISSA

Agent(s): B CRAIG; GREGORY; FINCH GREGORY; FINCH PAOLINO LLC; LIPSCOMB III ERNEST B

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

9) Family number: 69508153 (JP1496876S)

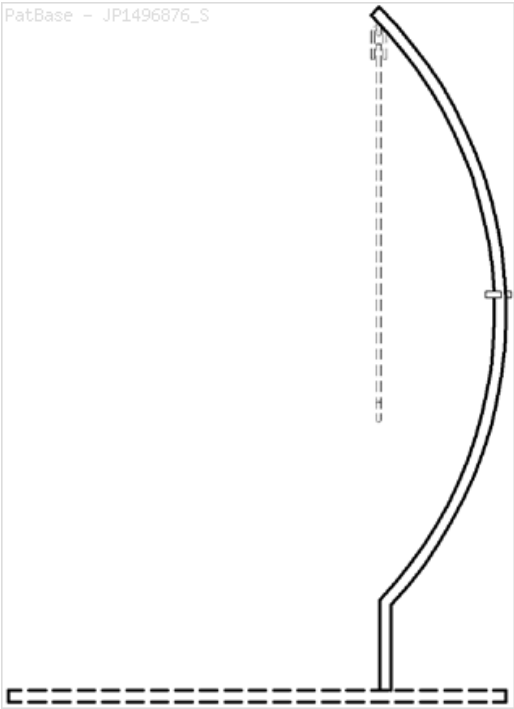
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Title: Health exercise equipment. (Machine translation)

Abstract: Source: JP1496876S **Machine translation:** The article includes a base which is erected from the vertical shape of the vertical shape of the struts column, connected to the arc-shaped, the two posts and two arc-shaped struts connecting bar for connecting the two or more arc-shaped, the two posts a connecting bar connecting the upper end portion of the pulley and provided in a health exercise equipment stop. Pulley, half round of the pulley, the shackle, such as via a fastener, it is

possible to engage the. Pulley, the rope is multiplied, the lower end portion of the rope suspension ring is attached. The grasp the group of the upper body of the suspension ring, it is possible to motion. Alternatively, instead of the suspension ring or to grip with one hand while grasping the two suspension ring the vicinity of the center portion of the arc-shaped connecting bar strut attached to grasp by hand, it is also possible to motion. Further, the two arc-shaped struts connecting the lower portion of the connecting bar 40 to 50cm from the base attached, with one foot pointed to by or put, hang, it is also possible to the lower body of the motion. The rope hanging arc-shaped strut, established the health exercise equipment when not in use it is possible to keep the rope to The rope hanging, for example, arc-shaped slightly above the vicinity of the center portion of the strut can be installed. Enlarged sectional end view taken along the-A', as shown in Fig. corresponding to the left portion of the front The solid line in represents the portion on which the vertical-shaped strut and strut and the arc-shaped connecting bar and stop of the pulley, the rope hanging design registration is to receive as partial design it is a part.

Classifications:
Locarno class: 21/02



Family:

Publication number	Publication date	Application number	Application date
JP1496876 S	20140512	JP20130022836F	20130930

Priority:
JP20130022836F 20130930

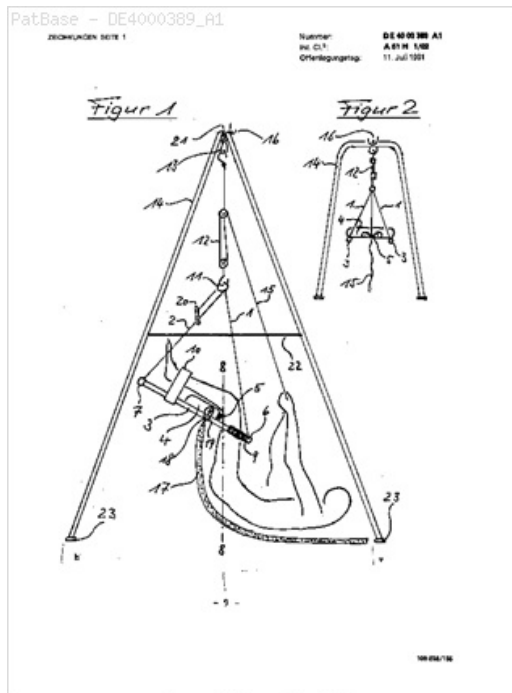
Probable Assignee: SHIRO BRING ABOUT MARITAL SEPARATION
Assignee(s): SHIRO BRING ABOUT MARITAL SEPARATION

10) Family number: 17988576 (DE4000389A1) © PatBase

Title: Back-stretching exercise machine - has pulley block to raise and lower user's legs and is operated by user

Abstract: The appts. is used for stretching the back. It has a four-legged pulley block formed by two inverted U-shaped members (14) with their upper ends joined together and diverging from each other in the downward direction. This main frame supports a small frame (3) by means of a pulley block (12). This small frame has a padded cushion (4) to support the lower legs. The user's legs are fastened to the small frame (3) and the free end of the cable (15) from the pulley block (12) is gripped by the user who is thus able to raise or lower his or her legs and so stretch the back. USE - Physical exercise with stretching of user's back.

Classifications:
International (IPC 8-9): A61H1/02 (Advanced/Invention);
A61H1/02 (Core/Invention)
International (IPC 1-7): A61H1/02 A63B23/02
CPC: A61H1/0218 A61H2203/045 A61H2203/0493
European: A61H1/02D K61H1/02D11 K61H203/04F1 K61H203/04L4



Family:

Publication number	Publication date	Application number	Application date
DE4000389 A1	19910711	DE19904000389	19900109
DE9003949 U1	19901011	DE19900003949U	19900109

Priority:

DE19900003949U 19900109 DE19904000389 19900109

Probable Assignee:

REUSING DIETER

Assignee(s): (std):

REUSING DIETER

Assignee(s):

REUSING DIETER 7079 BOEBINGEN DE

Inventor(s): (std):

REUSING DIETER

Inventor(s):

REUSING DIETER 7079 BOEBINGEN DE

11) Family number: 20336867 (GB842855A)

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Title: IMPROVEMENTS IN OR RELATING TO PHYSIO-THERAPEUTIC AND LIKE APPARATUS

Abstract: 842,855. Surgical tension apparatus. GEORGE, I. P. Sept. 27, 1956 [Sept. 30, 1955; Nov. 3, 1955], Nos. 27817/55 and 31511/55. Class 81(2). Apparatus for stretching the spine comprises a pair of ropes 14, 15 passed over pulleys 4, 5 or guides, and having hand grips 6, 7 at one end and connected, at the other, through resilient members, such as springs 9, 10 to a body support 20. The latter item may be a strip to pass under the chin or a sling to engage under the arm pits. The lower ends of the ropes are spaced by a rigid spacing bar 16 and a stop may be fixed to the wall, or other support, to engage this bar to limit the extension of the springs 9, 10.

Classifications:

International (IPC 8-9): A63B23/12 (Advanced/Invention);

A61H1/02 A63B21/00 A63B21/068 A63B21/16 (Advanced/Non-invention);

A63B23/035 (Core/Invention);

A61H1/02 A63B21/00 A63B21/06 (Core/Non-invention)

CPC: A61H2201/1614 A61H2201/1616 A63B21/1663 A61H1/0218

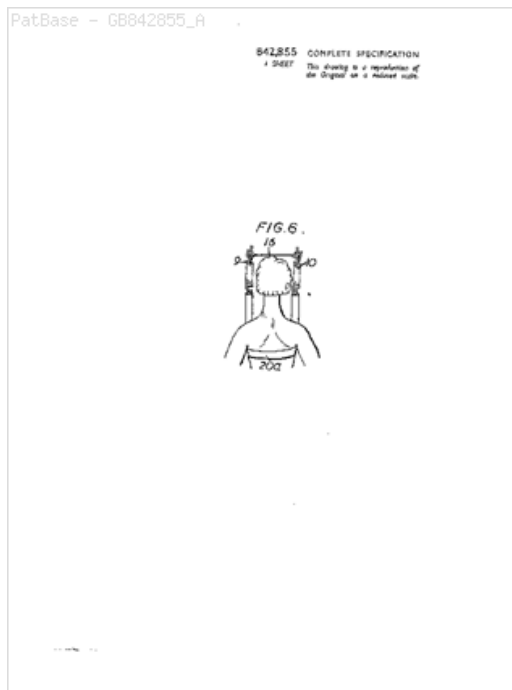
A61H2201/1607 A61H2201/1635 A63B21/068 A63B21/154

A63B21/1645 A63B21/4007 A63B21/4035 A63B21/4043 A63B23/12

A63B21/4003 A63B21/4005

European: A63B21/15F6 A63B21/16D8 A63B23/12 K61H1/02D

K61H201/16A14 K61H201/16A2A K63B21/068 K63B21/16D6



Family:

Publication number	Publication date	Application number	Application date
GB842855 A	19600727	GB19550027817	19550930

Priority:

GB19550027817 19550930

Probable Assignee:

Assignee(s): (std):

12) Family number: 59064471 (DE202015000334U1)

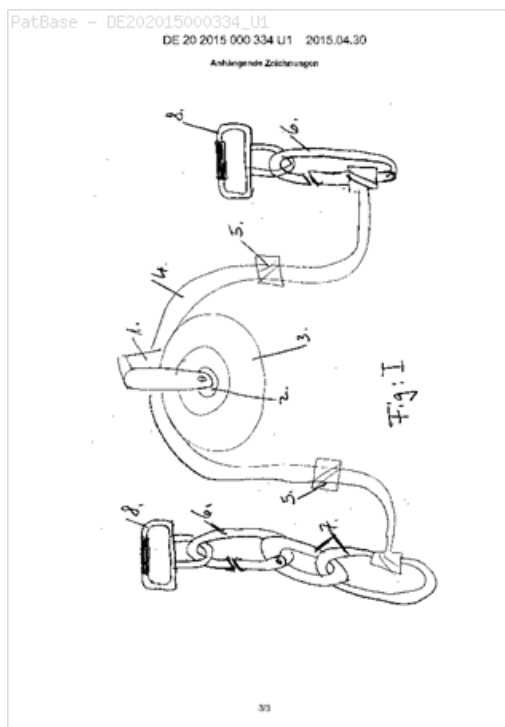
Title: TRAININGSGERAET

Abstract: Source: DE202015000334U1 [DE] Liegt in der Herstellung und Nutzung durch Rolle und Seil Rolle bleibt am Aufhaenge punkt Zugrichtung kann je nach Ausuebung in jeder Griffvariante fuer Fliegende und Ruderuebung dadurch in einem Geraet selbst Bestimmt werden **Machine translation:** Located in the manufacture and use by role and pulley remains on suspension point, depending on the direction of pull exercise in any grip variant for flying and Ruderuebung characterized in a device itself, namely for the

Classifications:

International (IPC 8-9): A63B21/018 (Advanced/Invention)

CPC: A63B21/018 A63B21/154 A63B2022/0079 A63B21/4035
A63B21/4043



Family:

Publication number	Publication date	Application number	Application date
DE202015000334 U1	20150430	DE201520000334U	20150115

Priority:

DE201520000334U 20150115

Probable Assignee:

Assignee(s): (std):

Assignee(s):