(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau

MPO

(10) International Publication Number WO 2011/005301 A3

(43) International Publication Date 13 January 2011 (13.01.2011)

(51) International Patent Classification: A63B 21/02 (2006.01) A63B 23/035 (2006.01) A63B 21/16 (2006.01)

(21) International Application Number:

PCT/US2010/001857

(22) International Filing Date:

29 June 2010 (29.06.2010)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/223,381

7 July 2009 (07.07.2009)

US

- (72) Inventors; and
- (71) Applicants: BRONSTON, Darya, Kathleen [US/US]; 218 Reef Court, Santa Barbara, CA 93109 (US). ARF, Matthew [US/US]; 218 Reef Court, Santa Barbara, CA 93109 (US). STUMP, John, Russell [US/US]; 148 Las Ondas, Santa Barbara, CA 93109 (US).
- (74) Agents: CASSELL, Justin J. et al.; Bacon & Thomas, PLLC, 625 Slaters Lane 4th Floor, Alexandria, VA 22314 (US).

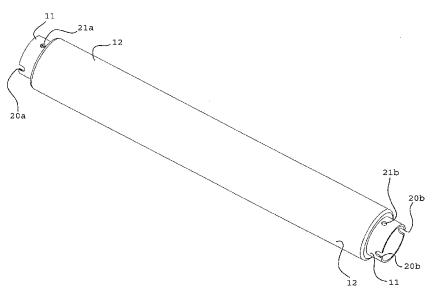
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG,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

Published:

— with international search report (Art. 21(3))

[Continued on next page]

(54) Title: PORTABLE MULTIPURPOSE WHOLE BODY EXERCISE DEVICE



(57) Abstract: A portable multipurpose whole body exercise device (50) which can be used for general fitness, Pilates-type, core strengthening, therapeutic, and rehabilitative exercises as well as stretching and physical therapy and which includes storable accessories (64, 68, 106) that can be withdrawn from storage within the device and subsequently secured to the main tubular portion of the apparatus. The storable accessories (64, 68, 106) can be used for a variety of resistance, stretching, and strength training exercises.





- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))
- (88) Date of publication of the international search report: 28 April 2011

International application No. PCT/US2010/001857

A. CLASSIFICATION OF SUBJECT MATTER

A63B 21/02(2006.01)i, A63B 21/16(2006.01)i, A63B 23/035(2006.01)i

According to International Patent Classification (IPC) or to both national classification and IPC

FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A63B 21/02; A63B 21/00; A63B 21/008

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) eKOMPASS(KIPO internal) & Keywords: exercise, tube, bar, barton, storage

DOCUMENTS CONSIDERED TO BE RELEVANT

Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
US 2008-0090706 A1 (KEVIN O. BOLAND et al.) 17 April 2008 See the abstract and figures.	1-20
US 2007-0197356 A1 (CURTIS J. MILLER) 23 August 2007 See the abstract and figures.	1-20
US 4580778 A (VAN NOORD; ANDREW J.) 08 April 1986 See the abstract and figures.	1-20
US 5514058 A (BUONI; NICK et al.) 07 May 1996 See the abstract and figures.	1-20
	US 2008-0090706 A1 (KEVIN O. BOLAND et al.) 17 April 2008 See the abstract and figures. US 2007-0197356 A1 (CURTIS J. MILLER) 23 August 2007 See the abstract and figures. US 4580778 A (VAN NOORD; ANDREW J.) 08 April 1986 See the abstract and figures. US 5514058 A (BUONI; NICK et al.) 07 May 1996

Further documents are listed in the conti	nuation of Box C.
-------------------------------------------	-------------------

See patent family annex.

- Special categories of cited documents:
- document defining the general state of the art which is not considered to be of particular relevance
- earlier application or patent but published on or after the international
- document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
- document referring to an oral disclosure, use, exhibition or other
- document published prior to the international filing date but later than the priority date claimed
- later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of mailing of the international search report

Date of the actual completion of the international search

24 FEBRUARY 2011 (24.02.2011)

25 FEBRUARY 2011 (25.02.2011)

Name and mailing address of the ISA/KR



Korean Intellectual Property Office Government Complex-Daejeon, 139 Seonsa-ro, Seogu, Daejeon 302-701, Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

NA, SU YEON

Telephone No. 82-42-481-8297



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

Information on patent family members		PC'	PCT/US2010/001857	
Patent document cited in search report	Publication date	Patent family member(s)	Publication date	
US 2008-0090706 A1	17.04.2008	None		
US 2007-0197356 A1	23.08.2007	US 7387598 B2	17.06.2008	
US 4580778 A	08.04.1986	EP 0155629 A1 EP 0155629 B1 EP 0155629 B1 JP 60-210270 A US 04569519A A US 04580778A A US 04632393A A US 04641832A A US 04699376A A	25.09.1985 07.12.1988 12.06.2002 22.10.1985 11.02.1986 08.04.1986 30.12.1986 10.02.1987 13.10.1987	
US 5514058 A	07.05.1996	US 05720700A A US 05741207A A	24.02.1998 21.04.1998	