## (19) World Intellectual Property Organization

International Bureau



# 

(43) International Publication Date 3 January 2008 (03.01.2008)

#### (10) International Publication Number WO 2008/002617 A3

(51) International Patent Classification:

A63B 23/16 (2006.01) A63B 21/02 (2006.01) A63B 23/14 (2006.01) A61H 5/00 (2006.01)

(21) International Application Number:

PCT/US2007/014936

(22) International Filing Date: 27 June 2007 (27.06.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

11/477,196 27 June 2006 (27.06.2006)

(71) Applicant (for all designated States except US): CLINI-CALLY FIT, INC. [US/US]; 6 Butternut Court, Dix Hills, NY 11746 (US).

- (72) Inventor; and
- (75) Inventor/Applicant (for US only): KUPFERMAN, Scott [US/US]; 6 Butternut Court, Dix Hills, NY 11746 (US).
- (74) Agent: HANDAL, Anthony, H.; Brown Rudnick Berlack Israels LLP, One Financial Center, Boston, MA 02111 (US).

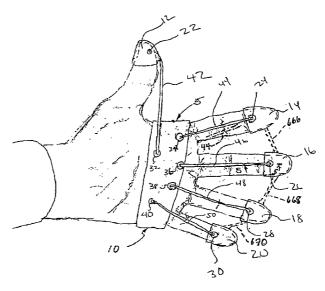
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, 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, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, 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, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

#### Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report:

10 April 2008

(54) Title: HAND EXERCISING DEVICE



(57) Abstract: An exercising device for the hand is disclosed. A securement is secured to an anchoring member comprising a band with a pair of ends configured to extend around and be secured to the hand of the user and configured to support the anchoring member in a position overlying the palm of the hand of a user and is coupled to the hand of the user. A plurality of fingertip engaging members are each configured and dimensioned to be secured to a respective fingertip a plurality of fingertip anchorings. Each of the fingertip anchorings is secured to a respective fingertip engaging member. A plurality of respective palm anchorings are secured to the anchoring member. A plurality of respective elastic members each have first and second ends. The first end of each of the elastic members is secured to the fingertip anchorings. The second end of each of the elastic members is secured to the palm anchorings. Alternatively, the securement and the anchoring member comprise a closed loop elastic strap.



### INTERNATIONAL SEARCH REPORT

International application No.

PCT/US07/14936

A. CLASSIFICATION OF SUBJECT MATTER IPC: A63B 23/14( 2006.01),23/16( 2006.01),21/02( 2006.01);A61H 5/00( 2006.01)			
USPC: 482/44,47,48,121,122,123,124;601/40 According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols) U.S.: 482/44,47,48,121,122,123,124;601/40			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where ap		Relevant to claim No.
X  Y	US 2,222,180 A (MARSH, C.T.) 19 Nov. 1940 (19.11.1940), entire document		1-2, 6-7, 12-13, 15-16, 18, 20-22
. 1			3-5, 8-11, 14, 19
Α	US 6,146,341 A (SATO et al) 14 Nov. 2000 (14.11.2000), entire document		1-22
Α	US 4,875,469 A (BROOK et al) 24 Oct. 1989 (24.10.1989), entire document		1-22
: <b>A</b>	US 2,108,236 A (SCOTT, HENRY) 15 Feb. 1938 (15.02.1938), entire document		1-22
	•		
		·	
Further documents are listed in the continuation of Box C. See patent family annex.			
<ul> <li>Special categories of cited documents:</li> <li>"T" later document published after the international filing date or priori date and not in conflict with the application but cited to understand</li> </ul>			
	defining the general state of the art which is not considered to be of relevance	principle or theory underlying the inver	ntion
"E" earlier application or patent published on or after the international filing date  "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)		"X" 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	
		"Y" 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	
"O" document	referring to an oral disclosure, use, exhibition or other means	being obvious to a person skilled in the	art
"P" document published prior to the international filing date but later than the priority date claimed		"&" document member of the same patent family	
Date of the actual completion of the international search		Date of mailing of the international search report	
16 January 2008 (16.01.2008)  Name and mailing address of the ISA/US  Aut		Authorized officer 2008	1 01
Mail Con DCT Array ICA // IC		Form C. Markow And Mark H.	
Commissioner for Patents		Fenn C. Mathew	Helle
Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201		Telephone No. (703) 308-1148	300

Form PCT/ISA/210 (second sheet) (April 2005)