

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
10 February 2005 (10.02.2005)

PCT

(10) International Publication Number  
WO 2005/011814 A3

(51) International Patent Classification:  
A63B 5/22 (2006.01)

(21) International Application Number:  
PCT/US2004/023691

(22) International Filing Date: 23 July 2004 (23.07.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
10/627,529 25 July 2003 (25.07.2003) US  
10/688,636 16 October 2003 (16.10.2003) US  
60/540,884 29 January 2004 (29.01.2004) US

(71) Applicant (for all designated States except US): RUDELL DESIGN [US/US]; 1619 Gramercy Avenue, Torrance, CA 90501 (US).

(72) Inventors: RUDELL, Elliot, A.; 1619 Gramercy Avenue, Torrance, CA 90501 (US). FOSTER, George, T.; 232 Junipero #B3, Long Beach, CA 90803 (US). OSBORNE, Ian; 2523 West 156 Street, Gardena, CA 90249 (US).

(74) Agent: YORKS, Ben, J.; Irell & Manella LLP, Suite 400, 840 Newport Center Drive, Newport Beach, CA 92660 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

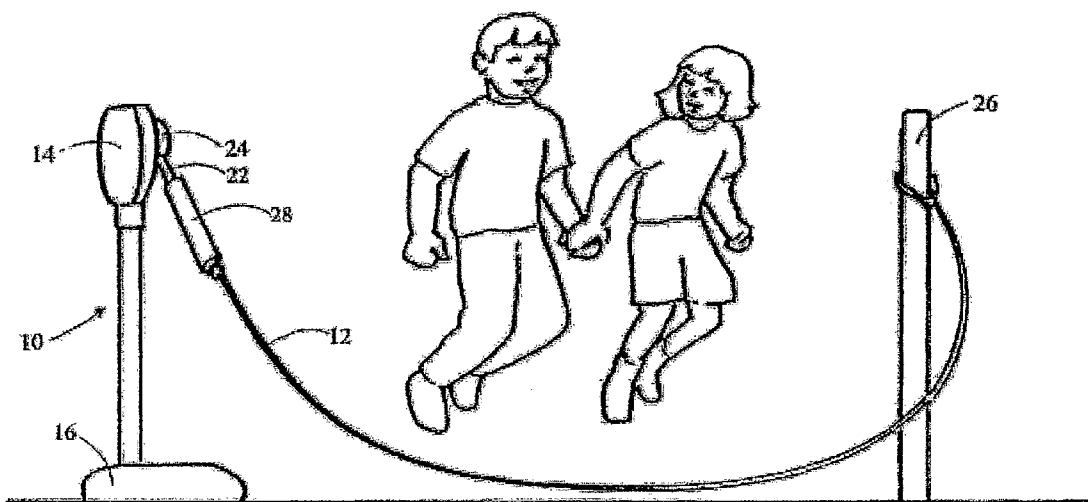
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, 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:  
12 April 2007

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: POWER UNIT FOR JUMPING ROPE



(57) Abstract: An apparatus that moves a jumping element. The apparatus includes a motorized hub that is attached to a housing. The hub can rotate a jumping element, such as a jump rope, about a horizontal axis and/or a vertical axis. The hub is connected to a motor. The jump rope is coupled to the hub by a crank arm. The crank arm automatically releases from the arm in response to a threshold force. The apparatus includes a deactivation element that deactivates the motor when the jumping element is released from the hub. The jump rope can be coupled to the hub by a strap that limits the movement of the rope when decoupled from the hub. Deactivating the motor terminates rotation of the hub to prevent further movement of the crank arm and rope.

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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/23691

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| <b>A. CLASSIFICATION OF SUBJECT MATTER</b><br>IPC(7) : A63B 5/22<br>US CL : 482/82,81,126,<br>According to International Patent Classification (IPC) or to both national classification and IPC  |  |                       |
| <b>B. FIELDS SEARCHED</b><br>Minimum documentation searched (classification system followed by classification symbols)<br>U.S. : 482/82,81,126,<br>Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched<br>Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) |  |                       |
| <b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>  |  |                       |
| Category *   | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
| A  | US 4,529,195 A (Stevens) 16 July 1985 See entire document  | 1-31                  |
| A  | US 5,060,936 A (Ekonen et al.) 29 October 1991 See entire document   | 1-31                  |
| <input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.  |  |                       |
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| Date of the actual completion of the international search<br>23 September 2004 (23.09.2004)  | Date of mailing of the international search report<br><b>26 FEB 2007</b>   |                       |
| Name and mailing address of the ISA/US<br>Mail Stop PCT, Attn: ISA/US<br>Commissioner for Patents<br>P.O. Box 1450<br>Alexandria, Virginia 22313-1450<br>Facsimile No. (703) 305-3230  | Authorized officer<br><b>JEROME DONNELLY</b><br>Telephone No. 703-308-0858   |                       |