

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
9 December 2004 (09.12.2004)

PCT

(10) International Publication Number
WO 2004/105468 A3

(51) International Patent Classification⁷: **A01D 15/00**

(21) International Application Number:
PCT/US2004/015634

(22) International Filing Date: 19 May 2004 (19.05.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/473,307 27 May 2003 (27.05.2003) US
10/770,926 3 February 2004 (03.02.2004) US
60/528,893 15 April 2004 (15.04.2004) US

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(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.

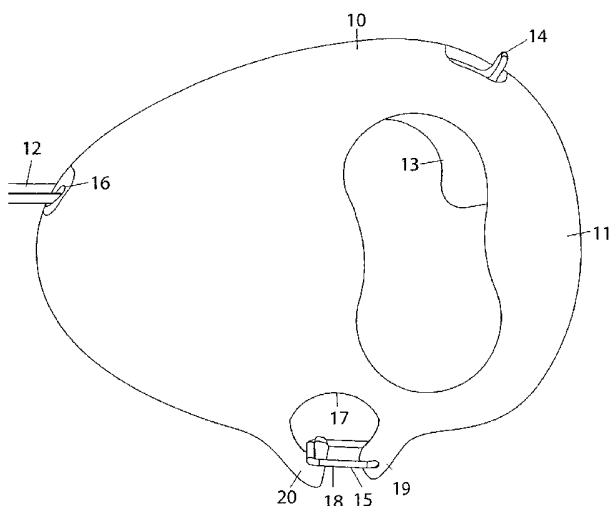
(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU,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

[Continued on next page]

(54) Title: RETRACTABLE LEASH DEVICE



(57) Abstract: A retractable leash device is comprised of a housing (10) with a handle (11), and a leash (12) wound around an internal reel (21). The reel is biased by a spring (22) to automatically retract leash. A momentary unidirectional lock (13) in the housing is arranged to be normally disengaged from unidirectional teeth (29) on the reel. When the momentary unidirectional lock is actuated, the reel is engaged by a ratchet (26) to prevent rotation in the release direction but permit rotation in the retract direction. A toggle lock (14) in the housing is movable between an unlocked position away from the reel, and a locked position between cogs on the reel. A geared rotation damper (34) is engaged with a concentric gear (35) on the reel to limit retraction speed. A clip (39) attached to the housing may be clipped around the leash when the leash is wrapped around a fixed object.



(88) Date of publication of the international search report:
26 May 2005

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.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/15634

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A01D 15/00

US CL : 119/700

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. : 119/700, 794, 796; 242/381, 384.2, 384.7

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 appropriate, of the relevant passages	Relevant to claim No.
X	US 6,148,773 A (BOGDAHN) 21 November 2000, see entire document.	1,2,4
Y		6,7-9
Y,P	US 6,619,313 B2 (BOUGHTON ET AL) 16 September 2003, see entire document.	6,12,14,15
X,P	US 2003/0145804 A1 (VACCARI) 07 August 2003, see entire document.	10,11,13
Y,P		7-9,12
A	US 6,213,421 B1 (FRANKLIN) 10 April 2001	



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"P" document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search

12 March 2005 (12.03.2005)

Date of mailing of the international search report

24 MAR 2005

Name and mailing address of the ISA/US

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