(19) World Intellectual Property **Organization**

International Bureau





(43) International Publication Date 21 October 2004 (21.10,2004)

PCT

(10) International Publication Number WO 2004/089435 A3

A61F 2/06 (51) International Patent Classification⁷:

(21) International Application Number:

PCT/US2004/010362

(22) International Filing Date: 5 April 2004 (05.04.2004)

(25) Filing Language: English

English (26) Publication Language:

(30) Priority Data:

60/460,198 4 April 2003 (04.04.2003)

(71) Applicant and

(72) Inventor: MILLER, Arnold [US/US]; 27 Intervale Road, Chestnut Hill, MA 02467 (US).

(74) Agent: PANDISCIO, Mark, J.; Pandiscio & Pandiscio, 470 Totten Pond Road, Waltham, MA 02451-1914 (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.

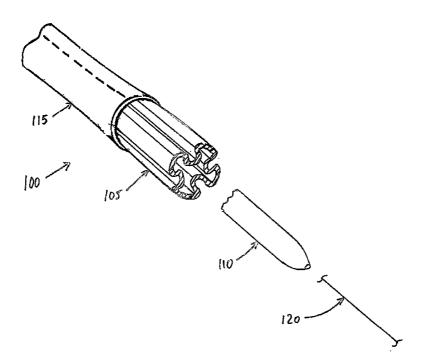
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL,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



(57) Abstract: A method for advancing a working instrument through the vascular system of a patient, comprising the steps of advancing a facilitating catheter assembly (100) within the vascular system of a patient wherein the facilitating catheter assembly is formed out of an implantable graft material; and advancing the working instrument through the facilitating catheter assembly.

WO 2004/089435 A3



(88) Date of publication of the international search report: 24 March 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/US04/10362

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : A61F 2/06	
US CL : 606/198; 623/1.23	
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.: 606/198; 623/1.23	
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 a	
X US 4,787,899 A (LAZARUS) 29 NOVEMBER 1986	
Further documents are listed in the continuation of Box C.	See patent family annex.
* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the
"A" document defining the general state of the art which is not considered to be of particular relevance	principle or theory underlying the invention
"E" earlier application or patent published on or after the international filing date	"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
"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)	"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 19 JAN 2005
23 November 2004 (23.11.2004) Name and mailing address of the ISA/US	Authorized officen
Mail Stop PCT, Attn: ISA/US	le Coli
Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450	Michael Thaler Telephone No. (703) 308-0858
Facsimile No. (703) 305-3230	