

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
20 March 2008 (20.03.2008)

PCT

(10) International Publication Number
WO 2008/033179 A3

(51) International Patent Classification:
A61B 1/00 (2006.01)

(74) Agent: HANLEY, John, V.; Steptoe & Johnson LLP, 2121 Avenue of the Stars, Suite 2800, Los Angeles, CA 90067 (US).

(21) International Application Number:
PCT/US2007/016214

(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.

(22) International Filing Date: 17 July 2007 (17.07.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
11/522,497 15 September 2006 (15.09.2006) US
60/844,874 15 September 2006 (15.09.2006) US

(71) Applicant (for all designated States except US): AC-CLARENT, INC. [US/US]; 1525-B O'Brien Drive, Menlo Park, CA 94025 (US).

(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).

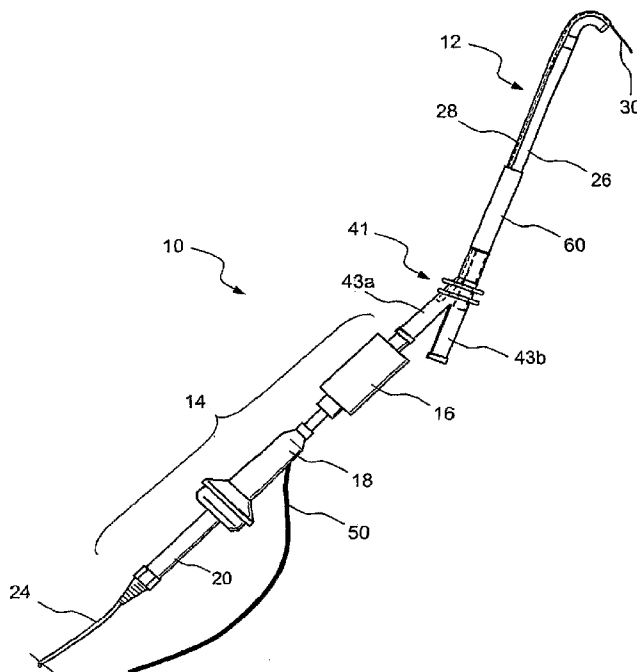
(72) Inventors; and

(75) Inventors/Applicants (for US only): GOLDFARB, Eric [US/US]; 1506 Harbor Blvd., Belmont, CA 94002 (US). MORRISS, John [US/US]; 725A Wisconsin St., San Francisco, CA 94107 (US). CHANG, John, Y. [US/US]; 13080 Lorene Court, Mountain View, CA 94040 (US).

Published:
— with international search report

[Continued on next page]

(54) Title: ENDOSCOPIC METHODS AND DEVICES FOR TRANSNASAL PROCEDURES



(57) Abstract: Medical devices, systems and methods that are useable to facilitate transnasal insertion and positioning of guidewires and various other devices and instruments at desired locations within the ear, nose, throat, paranasal sinuses or cranium.



WO 2008/033179 A3



(88) Date of publication of the international search report:
27 November 2008

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US07/16214

A. CLASSIFICATION OF SUBJECT MATTER

IPC: **A61B 1/00**(2006.01)

USPC: 600/114

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. : 600/101, 104, 114-115

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 20060063973 A1 (Makower et al.) 23 MArch 2006 (23.03.2006) entire doc	1-65
Y	US 20060004286 A1 (Chang et al.) 05 January 2006 (05.01.2006) entire doc	2, 4-10, 14-21
Y	EP 0355996 (Goldenberg et al.) 28 Feb 1990 (28.02.1990) entire doc	43-51, 56, 61

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"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)

"O" document referring to an oral disclosure, use, exhibition or other means

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

"T"

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

"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 being obvious to a person skilled in the art

"&"

document member of the same patent family

Date of the actual completion of the international search

22 August 2008 (22.08.2008)

Date of mailing of the international search report

12 SEP 2008

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Facsimile No. (571) 273-3201

Authorized officer

Linda C.M. Dvorak

Telephone No. 703-308-2193