

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
2 November 2006 (02.11.2006)

PCT

(10) International Publication Number
WO 2006/115893 A3

(51) International Patent Classification:
A61B 1/005 (2006.01) A61M 39/00 (2006.01)
A61B 1/24 (2006.01)

(21) International Application Number:
PCT/US2006/014492

(22) International Filing Date: 17 April 2006 (17.04.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/674,040 22 April 2005 (22.04.2005) US
11/388,651 24 March 2006 (24.03.2006) US

(71) Applicant (for all designated States except US): **WILK PATENT, LLC** [US/US]; 475 E. 72nd St., Ste. 1L, New York, NY 10021 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **WILK, Peter, J.** [US/US]; 475 E. 72nd St., Ste. 1L, New York, NY 10021 (US).

(74) Agent: **SUDOL, Neil, R.**; Coleman Sudol Sapone, P.C., 714 Colorado Avenue, Bridgeport, CT 06605-1601 (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, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, 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, IS, IT, LT, LU, LV, 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 July 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.



WO 2006/115893 A3

(54) Title: MEDICAL PORT DEVICE, KIT AND ASSOCIATED METHOD

(57) Abstract: A surgical port device particularly for use in a trans-organ or flexible endoscopic procedure includes an annular frame member made of substantially rigid material and at least one cushion element connected to the frame member and disposed along an outer surface thereof on at least two opposing sides of the frame member. During use, the port device is disposed in a patient's mouth between upper and lower teeth thereof so that at least some of the teeth are temporarily embedded in the cushion element and so that a hole in the frame member enables access to the patient's esophagus. Subsequent to deployment of the port device, an elongate flexible shaft of a surgical instrument is inserted into the patient's esophagus and stomach through the hole on the frame member.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US06/14492

A. CLASSIFICATION OF SUBJECT MATTER
 IPC: A61B 1/005(2006.01),1/24(2006.01);A61M 39/00(2006.01)

 USPC: 600/207,213,238:606/192
 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. : 600/207.213.238: 606/192

 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 5,688,223A (Rosendahl) 18 November 1997 (18.11.1997) entire document and figure 1.	1-2,5-7,9,13-14,16-18

Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:		Symbol	Description
"A"	document defining the general state of the art which is not considered to be of particular relevance	"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
"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 being obvious to a person skilled in the art
"O"	document referring to an oral disclosure, use, exhibition or other means	"&"	document member of the same patent family
"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: 02 April 2007 (02.04.2007) Date of mailing of the international search report: **25 MAY 2007**

Name and mailing address of the ISA/US: Mail Stop PCT, Attn: ISA/US, Commissioner of Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450
 Facsimile No. (571) 273-3201
 Authorized officer: John J Wilson *Sharon N. Greene for*
 Telephone No. 571-272-4722