



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

(88) **Date of publication of the international search report:**
21 July 2011

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US2010/045132**Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)**

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 23-31
because they relate to subject matter not required to be searched by this Authority, namely:
The subject matter of claims 23-31 pertains to the method for the treatment of human body by surgery. Thus, the claims relate to a subject matter which this ISA is not required to search under the PCT Art. 17(2)(a)(i) and Rule 39.1(iv) of the Regulations under the PCT.
2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- ☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2010/045132**A. CLASSIFICATION OF SUBJECT MATTER****A61F 2/46(2006.01)i, A61B 17/88(2006.01)i, A61B 17/64(2006.01)i, A61B 17/16(2006.01)i**

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)

A61F 2/46; A61B 5/05; A61B 19/00; A61F 5/00; A61B 17/56

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords: trajectory, insert, pin, handle

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2005-0119561 A1 (THOMAS KIENZLE) 02 June 2005 See abstract, figures 2-3, paragraphs 0016, 0031, claim 2	1-22
A	US 2008-0183191 A1 (SCHOEPP HANS) 31 July 2008 See abstract, figures 1-2, paragraphs 0014, 0015, 0026, 0036-0038, claim 1, 5, 15	1-22
A	US 6752812 B1 (TRUWIT; CHARLES L.) 22 June 2004 See abstract, figures 2-3, columns 3, 10, 11, claim 1, 8-10	1-22
A	US 05403322A A (HERZENBERG; JOHN E. et al.) 04 April 1995 See abstract, figures 1-3, columns 1, 4, 5, claim 1, 2	1-22
A	US 05980526A A (JOHNSON; WESLEY et al.) 09 November 1999 See abstract, figures 1, columns 1, 2, 4, claim 1-3, 5	1-22



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 but 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 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

31 MAY 2011 (31.05.2011)

Date of mailing of the international search report

03 JUNE 2011 (03.06.2011)

Name and mailing address of the ISA/KR

Korean Intellectual Property Office
Government Complex-Daejeon, 189 Cheongsa-ro,
Seo-gu, Daejeon 302-701, Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

WON, Jong Hyuk

Telephone No. 82-42-481-5535



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/US2010/045132

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2005-0119561 A1	02.06.2005	US 2002-0077540 A1 US 2002-077540 A1 US 2005-119561 A1 US 2005-148855 A1 US 6917827 B2	20.06.2002 20.06.2002 02.06.2005 07.07.2005 12.07.2005
US 2008-0183191 A1	31.07.2008	US 7736371 B2 WO 2008-090463 A2	15.06.2010 31.07.2008
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US 05403322A A	04.04.1995	EP 0637434 A1 JP 07-051303 A WO 95-22296 A1	08.02.1995 28.02.1995 24.08.1995
US 05980526A A	09.11.1999	None	