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[Continued on next page]

(54) Title: TARGETING OPERATION SITES

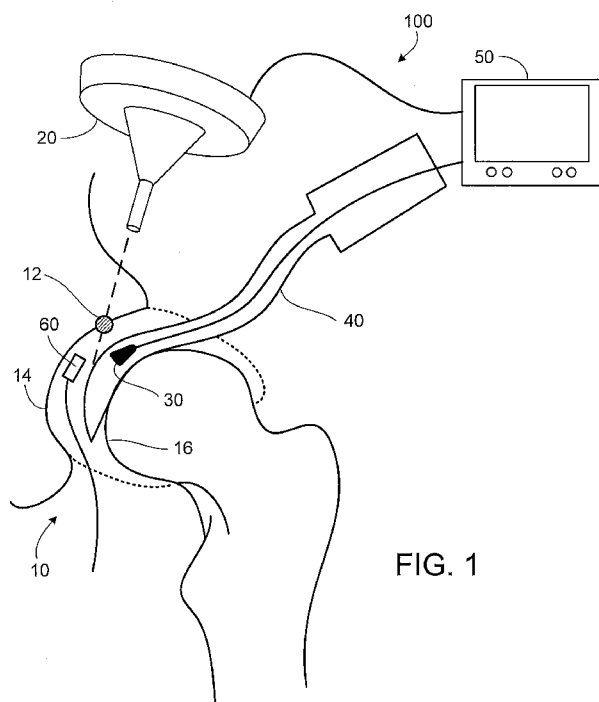


FIG. 1

(57) Abstract: A system for targeting an operation site includes an identifier having an electromagnetic field generator or configured to produce electromagnetic fields. The system includes an implement that includes a handle, a blade portion, and an electromagnetic field sensor coupled to the blade portion. The electromagnetic field sensor is configured to produce a signal responsive to electromagnetic fields produced by the electromagnetic field generator. The system includes a control unit configured to access information indicating a position of the electromagnetic field sensor relative to the operation site, receive a signal from the electromagnetic field sensor that is indicative of a position of a tool relative to the electromagnetic field sensor, and determine a position of the tool relative to an operation site based on the received signal and the position of the electromagnetic field sensor relative to the operation site.

**Declarations under Rule 4.17:**

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*
- *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))*

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2012/022481**A. CLASSIFICATION OF SUBJECT MATTER*****A61B 17/56(2006.01)i, A61F 2/46(2006.01)i, A61B 17/90(2006.01)i, A61B 19/00(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)

A61B 17/56; A61B 17/17; A61B 17/58; A61B 18/18

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: targeting, electromagnetic, sensor, blade, handle, channel, landmark

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2010-129308 A2 (SMITH & NEPHEW, INC.) 11 November 2010 See figs. 1, 2; paragraphs 92, 94, 104, 106, 111; claim 11.	1-31
A	US 2005-0080427 A1 (GOVARI, ASSAF et al.) 14 April 2005 See fig. 1; paragraphs 14, 86, 90; claims 1, 5.	1-31
A	US 2008-0086145 A1 (SHERMAN, JASON T. et al.) 10 April 2008 See abstract; fig. 1; paragraph 19; claims 1, 13, 16.	1-31
A	US 2005-0070916 A1 (HOLLSTIEN, DAVID S. et al.) 31 March 2005 See figs. 1, 7, 8; paragraphs 1, 30, 42, 46; claims 1, 6.	1-31

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

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