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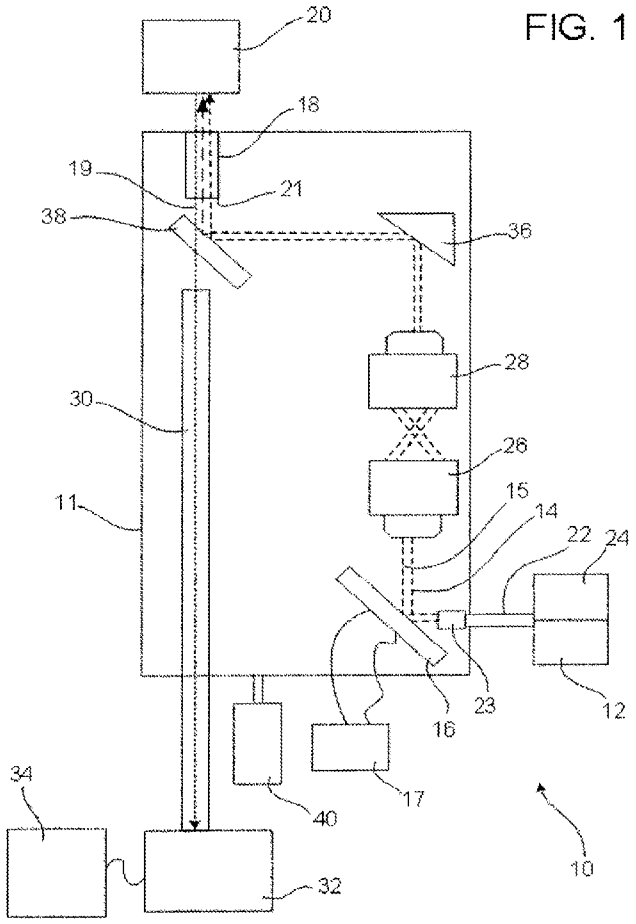
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[Continued on next page]

(54) Title: SYSTEMS, DEVICES AND METHODS FOR IMAGING AND SURGERY

FIG. 1



(57) Abstract: Provided herein are devices, systems and methods for imaging of biological tissue. Also provided are devices, systems and methods for surgical manipulation of biological tissue. Further provided are devices, systems and methods for combined imaging and surgical manipulation of biological tissue.

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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, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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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))*

— *of inventorship (Rule 4.17(iv))*

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A. CLASSIFICATION OF SUBJECT MATTER

A61B 18/20(2006.01)i, A61B 19/00(2006.01)i, G01B 9/04(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)
IPC 8: A61B

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 since 1975
Japanese Utility models and applications for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
eKOMPASS(KIPO Internal) "surgical", "pulsed", "laser", "manipulation", 'lens", "light", "scanning", "piezoelectric", "femtosecond"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	US 2005-0154380 A1 (LEONARD C. DEBENEDICTIS et al.) 14 July 2005 See claims 1-11, paragraphs [0042], [0048] - [0050], figures 1, 2, 14a and 14b	1-15 16-74
Y A	US 2006-0142746 A1 (BETH FRIEDMAN et al.) 29 June 2006 See claims 49-58, paragraphs [0034], [0037] - [0040], figures 1-2	1-15 16-74
A	US 2007-0213618 A1 (XINGDE LI et al.) 13 September 2007 See claims 1-2, abstract, figures 2B and 2C	1-74
A	US 2006-0195076 A1 (MARK S. BLUMENKRANZ et al.) 31 August 2006 See claims 29, 34 and 46, abstract, figures 1 and 8	1-74

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

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Date of the actual completion of the international search	Date of mailing of the international search report
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