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— *with international search report (Art. 21(3))*

[Continued on next page]

(54) **Title**: VIEWING TROCAR FOR USE WITH ANGLED ENDOSCOPE

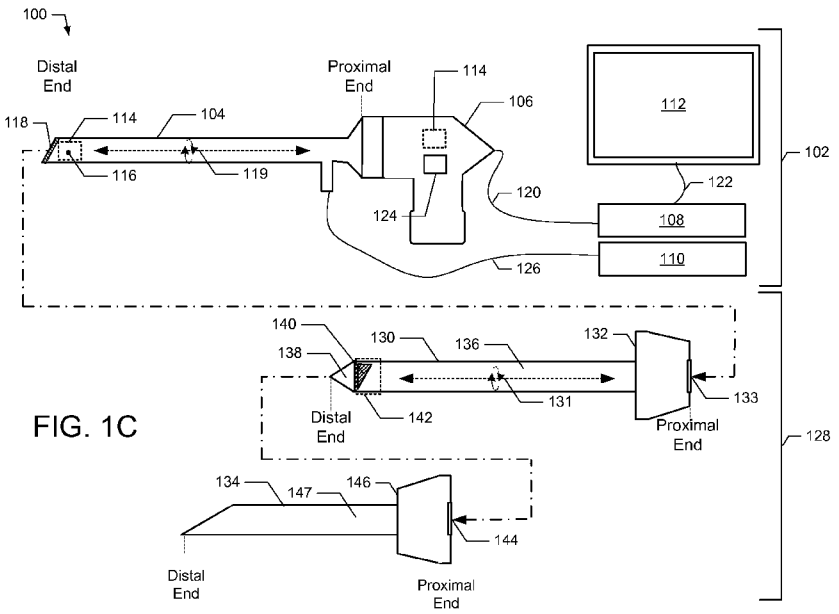


FIG. 1C

(57) **Abstract**: Endoscopic light refraction imaging techniques are described for configuring a viewing trocar and/or angled endoscope with a light refracting element, such as glass and/or plastic prism for instance. The light refracting element can be utilized in and/or with the viewing trocar to refract (i.e., bend) light passing into the trocar through the trocar's window. As a result, the angled endoscope's field of view can be substantially aligned with the field of view of the trocar's window, thus allowing the angled endoscope and viewing trocar to be used together to create ports in a patient, including initial ports of endoscopic surgical procedures.

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INTERNATIONAL SEARCH REPORT

International application No.
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A. CLASSIFICATION OF SUBJECT MATTER
IPC(8) - A61B 1/313, 17/34 (2014.01)
USPC - 600/168, 101
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 1/313, 17/34 (2014.01)
USPC: 600/168, 101

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)
MicroPatent (US-G, US-A, EP-A, EP-B, WO, JP-bib, DE-C,B, DE-A, DE-T, DE-U, GB-A, FR-A); ProQuest; Scifinder; Google/Google Scholar; KEYWORDS: endoscopic, endoscope, trocar, refracting, prism, lumen, glass, plastic, patient, surgical

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X -- Y	US 6,508,759 B1 (TAYLOR, CS et al.) 21 January 2003; claim 3; column 3, lines 1-5, 8-16 and 59-61; column 4, lines 50-51; column 8, lines 45-50; column 9, lines 45-48 and 52-58; column 10, lines 5-7; column 12, lines 33-39 and 55-60; column 13, lines 33-35; column 15, lines 43-49	1-3, 5-16,18-26 ------- 4, 17
Y	US 5,551,947 A1 (KAALI, SG) 03 September 1996; figure 4; column 5, lines 1-22; column 8, lines1-17	4, 17
A	US 5,385,572 A (NOBLES, AA et al.) 31 January 1995; entire document	1-26
A	US 5,554,097 A (GUY, TD) 10 September 1996; entire document	1-26
A	WO 2012/155142 A1 (BLANQUART, L) 15 November 2012; entire document	1-26
A	US 2011/0071349 A1 (DRONTLE, JR et al.) 24 March 2011; entire document	1-26
A	US 5,797,944 A (NOBLES, AA et al.) 25 August 1998; entire document	1-26
A	US 2011/0034795 A9 (GILAD, Z et al.) 10 February 2011; entire document	1-26
A	US 5,762,604 A (KIETURAKIS, MJ) 09 June 1998; entire document	1-26
A	US 2011/0040253 A1 (SAUER, JS et al.) 17 February 2011; entire document	1-26
A	US 2012/0307030 A1 (BLANQUART, L) 06 December 2012; entire document	1-26

☐ Further documents are listed in the continuation of Box C. ☐

* Special categories of cited documents:
"A" document defining the general state of the art which is not considered to be of particular relevance
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"&" document member of the same patent family

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