(54) Title: SINGLE SITE ROBOTIC DEVICE AND RELATED SYSTEMS AND METHODS

(57) Abstract: The embodiments disclosed herein relate to various medical device components, including components that can be incorporated into robotic and/or in vivo medical devices. Certain embodiments include various medical devices for in vivo medical procedures. In an exemplary embodiment of a robotic device, the device has a main body, a right arm, and a left arm. Each of the left and right arms is comprised of 2 segments: an upper arm (or first link) and a forearm (or second link), thereby resulting in each arm having a shoulder joint (or first joint) and an elbow joint (or second joint). In certain implementations, each of the left arm and right arm is capable of four degrees of freedom.
A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - A61B 19/00 (2014.01)
USPC - 606/130

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 1/00, 1/213, 17/34, 19/00 (2014.01 )
USPC - 606/53, 108, 130, 138, 139

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
CPC - A61B 19/00, -19/20, 19/201 , 19/22, 19/2203 (2014.01 )

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
</table>

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
  "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 another 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
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Date of the actual completion of the international search 03 January 2014

Date of mailing of the international search report 17 JAN 2014

Name and mailing address of the ISA/US
Mail Stop PCT, Attn: ISA/US, Commissioner for Patents
P.O. Box 1450, Alexandria, Virginia 22313-1450
Facsimile No. 571-273-3201

Authorized officer: Blaine R. Copenheaver
PCT Helpdesk: 571-272-4300
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