

PCT REQUESTOriginal (for **SUBMISSION**)

0	For receiving Office use only	
0-1	International Application No.	PCT/US18/49440
0-2	International Filing Date	05 September 2018 (05.09.2018)
0-3	Name of receiving Office and "PCT International Application"	RO/US
0-4	Form PCT/RO/101 PCT Request	
0-4-1	Prepared Using	PCT-SAFE [EFS-Web mode] Version 3.51.081.257 MT/FOP 20180401/0.20.5.24
0-5	Petition	
	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	United States Patent and Trademark Office (USPTO) (RO/US)
0-7	Applicant's or agent's file reference	C00014975W00
I	Title of Invention	BOUNDARY SCALING OF SURGICAL ROBOTS
II	Applicant	
II-1	This person is	Applicant only
II-2	Applicant for	All designated States
II-4	Name	Covidien LP
II-5	Address	15 Hampshire Street Mansfield, Massachusetts 02048 United States of America
II-6	State of nationality	US
II-7	State of residence	US
II-8	Telephone No.	203-492-5000
II-9	Facsimile No.	203-492-5785
II-10	e-mail	rs.patents.four@medtronic.com
II-10(a)	E-mail authorization The receiving Office, the International Searching Authority, the International Bureau and the International Preliminary Examining Authority are authorized to use this e-mail address, if the Office or Authority so wishes, to send notifications issued in respect of this international application:	exclusively in electronic form (no paper notifications will be sent)

PCT REQUESTOriginal (for **SUBMISSION**)

III-1	Applicant and/or inventor	
III-1-1	This person is	Inventor only
III-1-3	Inventor for	All designated States
III-1-4	Name (LAST, First)	PEINE, William
III-1-5	Address	24 Holly Lane Ashland, Massachusetts 01721 United States of America
III-2	Applicant and/or inventor	
III-2-1	This person is	Inventor only
III-2-3	Inventor for	All designated States
III-2-4	Name (LAST, First)	LIVIANU, Mathew
III-2-5	Address	72 Hawthorne Street Malden, Massachusetts 02148 United States of America
III-3	Applicant and/or inventor	
III-3-1	This person is	Inventor only
III-3-3	Inventor for	All designated States
III-3-4	Name (LAST, First)	YILMAZ, Burak
III-3-5	Address	58 East St Upton, Massachusetts 01568 United States of America
IV-1	Agent or common representative; or address for correspondence	
	The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	Agent
IV-1-1	Name (LAST, First)	HUGHES, Thomas
IV-1-2	Address	Medtronic 60 Middletown Avenue c/o Legal Mailstop MS 54 North Haven, Connecticut 06473 United States of America
IV-1-3	Telephone No.	203-492-5000
IV-1-4	Facsimile No.	203-492-5785
IV-1-5	e-mail	rs.patents.four@medtronic.com
IV-1-5(a))	E-mail authorization The receiving Office, the International Searching Authority, the International Bureau and the International Preliminary Examining Authority are authorized to use this e-mail address, if the Office or Authority so wishes, to send notifications issued in respect of this international application:	exclusively in electronic form (no paper notifications will be sent)
IV-1-6	Agent's registration No.	42674

PCT REQUEST

Original (for SUBMISSION)

IV-2	Additional agent(s)	additional agent(s) with same address as first named agent
IV-2-1	Name(s)	AKYUZ, Ishak(61125); BENDER-Zanoni, Joseph(51454); FERGUSON, Kevin(51043); PERRY, Kimberly V.(43612)
IV-3	Additional agent(s)	Agent
IV-3-1	Name (LAST, First)	CARTER, David
IV-3-2	Address	CARTER, DELUCA, FARRELL & SCHMIDT, LLP 445 Broadhollow Road - Suite 420 Melville, New York 11747 United States of America
IV-3-3	Telephone No.	(631) 501-5700
IV-3-4	Facsimile No.	(631) 501-3526
IV-3-5	e-mail	
IV-3-6	Agent's registration No.	30949
IV-4	Additional agent(s)	Agent
IV-4-1	Name (LAST, First)	DELUCA, Peter
IV-4-2	Address	CARTER, DELUCA, FARRELL & SCHMIDT, LLP 445 Broadhollow Road - Suite 420 Melville, New York 11747 United States of America
IV-4-3	Telephone No.	(631) 501-5700
IV-4-4	Facsimile No.	(631) 501-3526
IV-4-5	e-mail	
IV-4-6	Agent's registration No.	32978
V	DESIGNATIONS	
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.	
VI-1	Priority claim of earlier national application	
VI-1-1	Filing date	06 September 2017 (06.09.2017)
VI-1-2	Number	62/554,615
VI-1-3	Country or Member of WTO	US
VI-2	Priority document request	
	The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1

PCT REQUEST

Original (for SUBMISSION)

VI-3	Incorporation by reference : where an element of the international application referred to in Article 11(1)(iii)(d) or (e) or a part of the description, claims or drawings referred to in Rule 20.5(a) is not otherwise contained in this international application but is completely contained in an earlier application whose priority is claimed on the date on which one or more elements referred to in Article 11(1)(iii) were first received by the receiving Office, that element or part is, subject to confirmation under Rule 20.6, incorporated by reference in this international application for the purposes of Rule 20.6.		
VII-1	International Searching Authority Chosen	Korean Intellectual Property Office (ISA/KR)	
VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	—	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	—	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	—	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	—	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	—	
IX	Check list	Number of sheets	Electronic file(s) attached
IX-1	Request (including declaration sheets)	5	✓
IX-2	Description	11	—
IX-3	Claims	2	—
IX-4	Abstract	1	✓
IX-5	Drawings	4	—
IX-7	TOTAL	23	
	Accompanying Items	Paper document(s) attached	Electronic file(s) attached
IX-8	Fee calculation sheet	✓	—
IX-20	Figure of the drawings which should accompany the abstract		
IX-21	Language of filing of the international application	English	
X-1	Signature of applicant, agent or common representative	/thomas hughes, reg. no. 42674/	
X-1-1	Name (LAST, First)	HUGHES, Thomas	
X-1-3	Capacity (if such capacity is not obvious from reading the request)		

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10-1	Date of actual receipt of the purported international application	05 September 2018 (05.09.2018)
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/KR
10-6	Transmittal of search copy delayed until search fee is paid	

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11-1	Date of receipt of the record copy by the International Bureau	
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