

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT4861969

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SEOK JOO CHANG	02/27/2018
HOON CHO	02/27/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MEDTRONIC KOREA LTD.
<b>Street Address:</b>	17TH FLOOR, GLASS TOWER, DAECHE-DONG
<b>Internal Address:</b>	#534, TEHERAN-RO, GANGNAM-GU
<b>City:</b>	SEOUL
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	06181
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15892551
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(203)492-5785
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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<b>Email:</b>	SurgicalUS@covidien.com, medtronic_mitg-si_docketing@cardinal-ip.com
<b>Correspondent Name:</b>	COVIDIEN LP
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<b>Address Line 2:</b>	MAILSTOP 54, LEGAL DEPT.
<b>Address Line 4:</b>	NORTH HAVEN, CONNECTICUT 06473
<b>ATTORNEY DOCKET NUMBER:</b>	C00014586.USU2(203-11635)
<b>NAME OF SUBMITTER:</b>	KEVIN P. FERGUSON
<b>SIGNATURE:</b>	/Kevin P. FERGUSON, Reg. #51043/
<b>DATE SIGNED:</b>	03/12/2018
<b>Total Attachments: 1</b>	
source=C00014586AssignmentKR#page1.tif	

**ASSIGNMENT OF INVENTION**

ASSIGNORS: Seok Joo Chang  
Hoon Cho

hereby assigns and transfers to

ASSIGNEE:

Medtronic Korea Ltd.  
17th Floor, Glass Tower, Daechi-dong  
#534, Teheran-ro, Gangnam-gu  
Seoul, South Korea 06181

and the successors, assigns and legal representatives of the ASSIGNEE, the entire right, title and interest, in the Republic of Korea and in all foreign countries, including all rights to claim priority, the right to sue for present, past and future infringement, in the Republic of Korea, its territorial possessions, and in all foreign countries, including all treaty and convention rights, in and to the invention and any and all improvements entitled:

**SURGICAL IMPLANTS INCLUDING SENSING FIBERS**

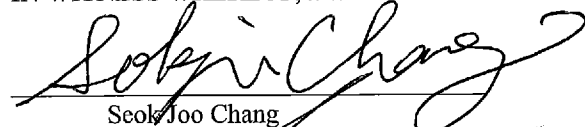
(the "Invention") and which is found in

- (a) ☒ U.S. application Serial No. 15/892,551 filed on February 9, 2018.
- (b) ☒ U.S. provisional application No. 62/599,232 filed on December 15, 2017 and
- ☒ U.S. provisional application No. 62/477,458 filed on March 28, 2017.
- (c) ☐ Korean patent application No. \_\_\_\_\_ filed on \_\_\_\_\_.
- (d) ☐ PCT application No. \_\_\_\_\_ filed on \_\_\_\_\_.
- (e) ☒ and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said Invention by the above application or any continuation, continuation-in-part, divisional, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNORS who are employees of ASSIGNEE acknowledge their execution of the Confidentiality and Intellectual Property Rights Agreement of ASSIGNEE and confirm and accept all the terms and conditions therein.

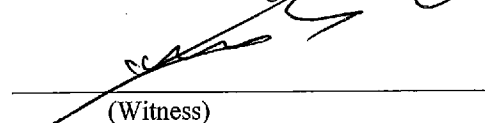
ASSIGNORS hereby grant ASSIGNEE and Assignee's attorneys the power to insert the Serial No. and/or filing date of the above-described application(s) after such information becomes known to them.

IN WITNESS WHEREOF, I/We have executed this assignment below.

  
Seok Joo Chang

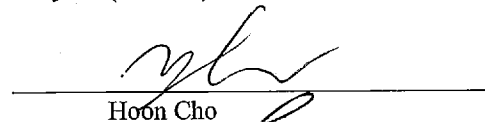
(Date)

2/27/08

  
(Witness)

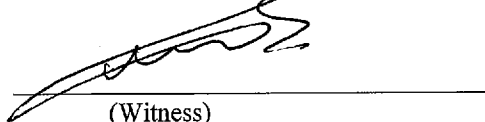
(Date)

2/27/08

  
Hoon Cho

(Date)

2/27/08

  
(Witness)

(Date)

2/27/08