

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4976063

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ERIK R. SCOTT	05/17/2018
JOHN E. KAST	05/16/2018
XUAN K. WEI	05/16/2018
TODD V. SMITH	05/18/2018
JOEL A. ANDERSON	05/10/2018
FORREST C.M. PAPE	05/10/2018
DUANE L. BOURGET	05/10/2018
TIMOTHY J. DENISON	05/23/2018
DAVID A. DINSMOOR	05/14/2018
RANDY S. ROLES	05/10/2018
STEPHEN J. RODDY	05/10/2018

RECEIVING PARTY DATA

Name:	MEDTRONIC, INC.
Street Address:	710 MEDTRONIC PARKWAY N.E.
City:	MINNEAPOLIS
State/Country:	MINNESOTA
Postal Code:	55432

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	14098672
Application Number:	15793636

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PATENT

ATTORNEY DOCKET NUMBER:	C00003998/1123-166
NAME OF SUBMITTER:	CAITLIN E. MYHRE
SIGNATURE:	/Caitlin E. Myhre/
DATE SIGNED:	05/24/2018

Total Attachments: 12

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ASSIGNMENT OF APPLICATION(S)

Whereas I/we, the below named inventor(s), with residence and citizenship as indicated below, have made an invention in

MINIMALLY INVASIVE IMPLANTABLE NEUROSTIMULATION SYSTEM

- for which an application for a United States Patent or a U.S. Provisional Application is being filed contemporaneously herewith;
- for which an application for a United States Patent identified as U.S. Patent Application No. 14/098,672, was filed on December 13, 2013 and U.S. Patent Application No. 15/793,636, was filed on October 25, 2017;
- for which an application for a U.S. Provisional Application No. _____; was filed on _____;
- for which the above applications claim priority to U.S. Provisional Patent Application No. 61/734,429, filed on December 7, 2012, U.S. Provisional Patent Application No. 61/734,436, filed on December 7, 2012, U.S. Provisional Patent Application No. 61/734,446, filed on December 7, 2012, U.S. Provisional Patent Application No. 61/734,425, filed on December 7, 2012, U.S. Provisional Patent Application No. 61/777,804, filed on March 12, 2013, U.S. Provisional Patent Application No. 61/777,824, filed on March 12, 2013, U.S. Provisional Patent Application No. 61/777,838, filed on March 12, 2013, U.S. Provisional Patent Application No. 61/777,949, filed on March 12, 2013, and U.S. Provisional Patent Application No. 61/777,787, filed on March 12, 2013;
- which application is identified as PCT International Patent Application No. _____; filed _____;

Whereas, Medtronic, Inc., a corporation organized and existing under the laws of the State of Minnesota and having a principal place of business at 710 Medtronic Parkway N.E., Minneapolis, Minnesota 55432-5604, hereinafter referred to as "Corporation," is desirous of acquiring the entire right, title and interest in and to said invention for the United States and for all foreign countries and in and to any and all foreign and domestic Letters Patent which may be granted therefore;

NOW, Therefore, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we have sold, assigned, transferred and set over and by these presents do sell, assign, transfer and set over unto Corporation, its successors and assigns, the entire right, title and interest in and to said invention and the application(s) identified above and in and to any application claiming benefit thereto and the entire right, title and interest in and to any and all Letters Patent of the United States and any foreign countries which may be granted therefore including our rights under the International Convention for the Protection of Industrial Property, which include the right to claim priority based on the filing date of said application(s), and in and to any and all extensions, divisions, continuations, continuations-in-part or reissues of said Letters Patent that may be granted, the same to be held and enjoyed by Corporation for its own use and benefit and use and benefit of its successors and assigns to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made, including the right to enforce such Letters Patent as fully and entirely as the same would have been held and enjoyed by the assignors if this assignment had not been made; together with all claims by assignors for damages by reason of past infringement or for provisional rights and including the right to sue for, and collect the same for its own use and benefit, and for the use and benefit of its successors, assigns, and other legal representatives;

AND, for the consideration aforesaid, we materially represent to Corporation, its successors and assigns, that at the time of the execution and delivery of these presents, we are the sole lawful owners of the entire right, title and interest in and to the invention, application and Letters Patent above mentioned, and that the same are


unencumbered, and that we have good right and lawful authority to sell and convey the same in the manner herein set forth;

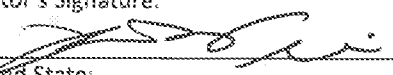
AND, for the consideration aforesaid, we hereby individually covenant and agree to and with Corporation, its successors and assigns, that whenever its counsel or the counsel of its successors or assigns, learned in the law, shall advise that an amendment or division of, or continuation or any continuation-in-part thereof, or any other proceeding in connection with the filing or prosecution of said domestic or foreign patent applications, including interference proceedings, is lawful and desirable, or that a reissue or extension of said Letters Patent is lawful and desirable, we, or our executors, administrators or assigns will sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for the procurement of valid Letters Patent for said invention, or for the reissue or extension of the same, without charge to Corporation, its successors or assigns, but at Corporation's expense.

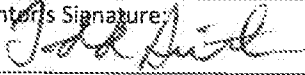
I/We do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to said Medtronic, Inc., as the assignee of the entire right, title, and interest therein.

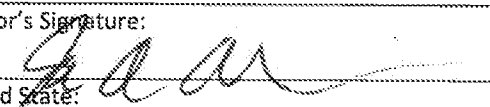
In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

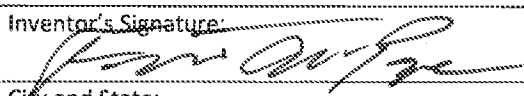
Given Name (first and middle initial [if any]): Erik R.	Family Name or Surname (last name): Scott	
Inventor's Signature: <i>Erik R Scott</i>	Date: <i>17 May 2018</i>	
City and State: Maple Grove, MN	Country: USA	Citizenship: USA

Given Name (first and middle initial [if any]): John E	Family Name or Surname (last name): Kast	
Inventor's Signature: 	Date: May 16, 2018	
City and State: Hugo, MN	Country: USA	Citizenship: USA

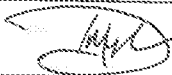
Given Name (first and middle initial [if any]): Xuan K.	Family Name or Surname (last name): Wei	
Inventor's Signature: 	Date: 5/16/2018	
City and State: Minnetonka, MN	Country: USA	Citizenship: USA

Given Name (first and middle initial [if any]): Todd V.	Family Name or Surname (last name): Smith	
Inventor's Signature: 	Date: 18 - May - 2018	
City and State: Shoreview, MN	Country: USA	Citizenship: USA

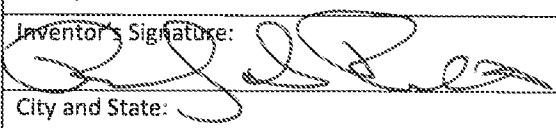
Given Name (first and middle initial (if any)): Joel A.	Family Name or Surname (last name): Anderson	
Inventor's Signature: 	Date: 5-10-18	
City and State: Brooklyn Park, MN	Country: USA	Citizenship: USA

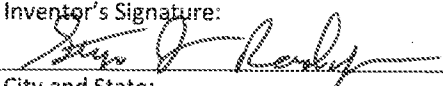
Given Name (first and middle initial [if any]): Forrest C. M.	Family Name or Surname (last name): Pape	
Inventor's Signature: 	Date: May 10, 2018	
City and State: New Brighton, MN	Country: USA	Citizenship: USA

Given Name (first and middle initial [if any]): Duane L.	Family Name or Surname (last name): Bourget	
Inventor's Signature: <i>Duane Bourget</i>	Date: 10-MAY-2018	
City and State: Andover, MN	Country: USA	Citizenship: USA

Given Name (first and middle initial [if any]): Timothy J.	Family Name or Surname (last name): Denison	
Inventor's Signature: 	Date: 23 MAY 2018	
City and State: Minneapolis, MN	Country: USA	Citizenship: USA

Given Name (first and middle initial [if any]): David A.	Family Name or Surname (last name): Dinsmoor	
Investor's Signature: <i>David A. Dinsmoor</i>	Date: <i>14 May 18</i>	
City and State: North Oaks, MN	Country: USA	Citizenship: USA

Given Name (first and middle initial [if any]): Randy S.	Family Name or Surname (last name): Roles	
Inventor's Signature: 	Date: 5-10-18	
City and State: Elk River, MN	Country: USA	Citizenship: USA

Given Name (first and middle initial [if any]): Stephen J.	Family Name or Surname (last name): Roddy	
Inventor's Signature: 	Date: 5/10/2018	
City and State: Maple Grove, MN	Country: USA	Citizenship: USA