## 503277872 04/23/2015

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date
THOMAS A ANDERSON	04/13/2015
TODD J SHELDON	04/13/2015
MATTHEW D BONNER	04/13/2015
NOELLE C NEAFUS	04/14/2015

#### **RECEIVING PARTY DATA**

Name:	Medtronic, Inc.
Street Address:	710 Medtronic Parkway
Internal Address:	Mail Stop LC340
City:	Minneapolis
State/Country:	MINNESOTA
Postal Code:	55432

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14694910

### **CORRESPONDENCE DATA**

**Fax Number:** (763)505-2530

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.

**Phone:** (763) 526-0925

**Email:** susan.m.nienaber@medtronic.com

Correspondent Name: EVANS M. MBURU

Address Line 1: 710 MEDTRONIC PARKWAY

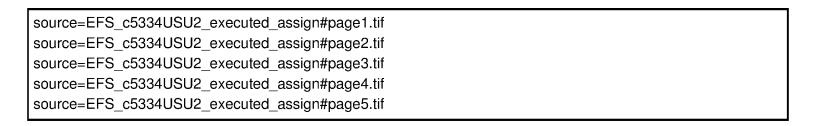
Address Line 2: MAIL STOP LC340

Address Line 4: MINNEAPOLIS, MINNESOTA 55432

ATTORNEY DOCKET NUMBER:	C00005334.USU2
NAME OF SUBMITTER:	SUSAN M. NIENABER
SIGNATURE:	/Susan M. Nienaber/
DATE SIGNED:	04/23/2015
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**Total Attachments: 5** 

PATENT REEL: 035484 FRAME: 0873



PATENT REEL: 035484 FRAME: 0874 Attorney Docket No.: C00005334.USU2/1111-452US01

### ASSIGNMENT OF APPLICATION(S)

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

	LEADLESS PACING SYSTEM INCLUDING SENSING EXTENSION
-	For which an application for a United States Patent or a U.S. Provisional Application is being filed contemporaneously herewith;
☐ f	for which an application for a United States Patent identified as U.S. Patent Application No. ; was filed on ;
	For which an application for a U.S. Provisional Application No. ; was filed on ;
*****	for which above application claims priority to U.S. Provisional Patent Application No. 62/025,690; filed on July 17, 2014;
\	which application is identified as PCT International Patent Application No.; filed;
refer Unit	Whereas, Medtronic, Inc., a corporation organized and existing under the laws of the State of Minnesota and ng a principle place of business at 710 Medtronic Parkway N.E., Minneapolis, Minnesota 55432-5604, hereinaftered to as "Corporation," is desirous of acquiring the entire right, title and interest in and to said invention for the ed States and for all foreign countries and in and to any and all foreign and domestic Letters Patent which may be ted 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 filling date of said applications(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 of extension of said Letters Patent is lawful and desirable, we, or our

Page 1 of 5 Attorney Docket No.: C00005334.USU2/1111-452US01

Medtronic, Inc., 710 Medtronic Parkway, Minneapolis, MN 55432

Assignment

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]): Thomas A.	Family Name or Surname (last name): Anderson		
Inventor's Signature:	Date: 4-/3	5-/5	
Residence (City and State):	Country:	Citizenship:	
New Hope, Minnesota	USA	USA	
STATE OF MINNESOTA ) ) ss. COUNTY OF RAMSEY )			
On this 5th day of 10x i and who executed the foregoing instrument, as sa	id person's free act and deed, on th	e personally appeared the above-named, e day and year aforesaid.	
(Seal) SUSAN M. NIENABER Notary Public-Minnesota My Commission Expline Jan 31, 2020	Notary Public	Lieraber	

odd J. Sheldon		
Inventor's Signature:	Date: 13-A	r-2015
City and State	Country:	Citizenship:
North Oaks, Minnesota	USA	USA
STATE OF MINNESOTA )  SS.  COUNTY OF RAMSEY )  On this day of  and who executed the foregoing instrument, as so  SUSAN M. NIENABER  Notary Public-Minnesota  My Commission Expires Jan 31, 202	aid person's free act and deed, on the	ne personally appeared the above-named, he day and year aforesaid.

Matthew D.  Family Name or Surname (last name):  Bonner				
Inventor's Signature:	Date:	<b>[</b>		
harte Don-	(3 Apr 5	1015		
Residence (City and State):	Country:	Citizenship:		
Plymouth, Minnesota	USA	USA		
STATE OF MINNESOTA ) ) 55.  COUNTY OF RAMSEY ) On this day of		me personally appeared the above-named, the day and year aforesaid.		
(Seal) SUSAN M. NIENABER SUSAN M. NIENABER SUSAN M. NIENABER Susan M. Notary Public-Minnesota Susan 31, 2020 Susan M. Notary Public-Minnesota Susan 31, 2020 Susan M. Nienaber Susan M.	Notary Public	- heraber		

Noelle C.	die initial [if any]): Family Name or Surname (last name):  Neafus		
Inventor's Signature: Dall & C. Deales		Date: 14 April	P-015
Residence (City and State): Lino Lakes, Minnesota		Country: USA	Citizenship: USA
STATE OF MINNESOTA )  SS.  COUNTY OF RAMSEY )  On this day of Susan M. NIENABER  Notary Public-Minnesota My Commission Expires Jan 31, 2020  Notary Public  Notary Public  Notary Public			

RECORDED: 04/23/2015