#### 502816591 05/20/2014

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
XIAOHONG ZHOU	01/18/2012
LILIAN KORNET	01/18/2012
RICHARD N.M. CORNELUSSEN	01/18/2012
PAUL D. ZIEGLER	01/18/2012
ROBERT STADLER	01/18/2012
EDUARDO WARMAN	01/18/2012
KAREN J. KLECKNER	01/18/2012
LUCY NICHOLS	01/17/2012
ALBERTO DELLA SCALA	01/19/2012

### **RECEIVING PARTY DATA**

Name:	MEDTRONIC, INC.
Street Address:	710 MEDTRONIC PARKWAY NE
City:	MINNEAPOLIS
State/Country:	MINNESOTA
Postal Code:	55432-5604

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

Property Type	Number
Application Number:	14259095

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	P0040995.USV3/13404290103
NAME OF SUBMITTER:	MARK J. GEBHARDT

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SIGNATURE:	/Mark J. Gebhardt/
DATE SIGNED:	05/20/2014
Total Attachments: 8	
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PATENT REEL: 032933 FRAME: 0101

Attorney Docket No.: P0040995.USU2

## **ASSIGNMENT OF APPLICATION**

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

	VAGAL STIMULATION
$\boxtimes$	for which an application for a United States Patent is being filed contemporaneously herewith;
	for which an application for a United States Patent identified as U.S. Patent Application No. 13/353,891; was filed on January 19, 2012;
$\boxtimes$	for which above application claims priority to U.S. Provisional Patent Application No. 61/434,265; filed on January 19, 2011;
	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

Whereas, <u>Medtronic, Inc.</u>, a corporation organized and existing under the laws of the State of Minnesota and having a principle place of business at <u>710 Medtronic Parkway N.E.</u>, <u>Minneapolis</u>, <u>Minnesota 55432-5604</u>, 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 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, 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 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.

Assignment

Page 1 of 5 Medtronic, Inc., 710 Medtronic Parkway, Minneapolis, MN 55432

Attorney Docket No.: P0040995.USU2

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]):  Xiaohong	Family Na Zhou	ame or Surname (last	name):
Inventor's Signature:	Pos ex	Date:	16.3018
Residence (City and State): Woodbury, Minnesota		Country: USA	Citizenship: US
STATE OF MINNESOTA ) ) ss. COUNTY OF RAMSEY )			
On this 8 day of 100000000000000000000000000000000000	aid person's f	, before n ree act and deed, on the	ne personally appeared the above-named, he day and year aforesaid.
(Seal) SUSAN M. NIENABER Notary Public-Minnesota My Commission Expires Jan 31, 2015	<b>§</b>	Notary Public	ieraber
Given Name (first and middle initial [if any]); Lilian	Family Na Kornet	ame or Surname (last i	name):
Inventor's Signature:		Date:	
Residence (City and State): Maastricht		Country: Netherlands	Citizenship: Netherlands
		er to the contract of the cont	The state of the s
Witness Signature		Witness Signat	ture
Witness Printed Name		Witness Printe	ad Name

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.

	Iame or Surname (last name):	
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<del>-</del> ,	Country: USA	Citizenship: US
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id person's	, before me perso free act and deed, on the day a	nally appeared the above-named, nd year aforesaid.
us som br	Notary Public	
Family N	ame or Surname (last name):	
Kornet	Date:	
	Country: Netherlands	Citizenship: Netherlands
	Zhou	Date:  Country: USA  Country: USA  Notary Public  Family Name or Surname (last name): Kornet  Date:  Country:

Given Name (first and middle initial [if any]): Richard N.M.	Family N Cornelus	ame or Surname (last r sen	ame):
Inventor's Signature:		Date:	4
Residence (City and State): Maastricht		Country: Netherlands	Citizenship: Netherlands
Witness Signature		Witness Signat	ure
Witness Printed Name		Witness Printe	d Name
Given Name (first and middle initial [if any]): Paul D.	Ziegler	ame or Surname (last r	ame):
Inventor's Signature: - Pal () Zieg L		Date:    B-JAW-   Country:	2017
City and State: Minneapolis, Minnesota		Country: USA	Citizenship: US
On this day of d	aid person's f ≘R ≩		e personally appeared the above-named, e day and year aforesaid.
Given Name (first and middle initial [if any]): Robert	Stadler	ame or Surname (last n	ame):
Inventor's Signature: Note that Willadle.		Date: /6- <b>JAN</b> -	2012
Residence (City and State): Shoreview, Minnesota		Country: USA	Citizenship: US
STATE OF MINNESOTA )  ) ss.  COUNTY OF RAMSEY )  On this \( \)  day of \( \)  and who executed the foregoing instrument, as sa	W.	, before me ree act and deed, on the	e personally appeared the above-named, eday and year aforesaid.
(Seal) Highly Public Minnesota My commission Expired Jan 31, 201	15 \$ 15 \$	Notary Public	renaber_

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Page 3 of 5 Medtronic, Inc., 710 Medtronic Parkway, Minneapolis, MN 55432

Attorney Docket No.: P0040995,USU2

Cinn N. (Cinn 1 : 111 : W. 155 2)	T =			
Given Name (first and middle initial [if any]): Richard N.M.	Cornelus	ame or Surname (last :	name):	
Inventor's Signature:		Date:		
Somulissen		18 16	in 20	12
Residence (City and State):  Maastricht		Country: V Netherlands		Citizenship: Netherlands
Regard		V	<u> </u>	
Witness Signature  C VORAL  Witness Printed Name		Witness Signal  V. A. 2  Witness Printe	ZEIJ	LEMAKER
Given Name (first and middle initial [if any]): Paul D.		ame or Surname (last r	name):	
Inventor's Signature:	Ziegler			
inventor's Signature:		Date:		
City and State:		Country:		Citizenship:
Minneapolis, Minnesota  STATE OF MINNESOTA )		USA (TE)		US
Minneapolis, Minnesota  STATE OF MINNESOTA )  SS.  COUNTY OF RAMSEY )	id person's fi	, before moree act and deed, on the	e persona e day and	ully appeared the above-named
Minneapolis, Minnesota  STATE OF MINNESOTA ) ss.  COUNTY OF RAMSEY )  On this day of and who executed the foregoing instrument, as sai	id person's fi	, before more act and deed, on the	e persona e day and	ully appeared the above-named, I year aforesaid.
Minneapolis, Minnesota  STATE OF MINNESOTA ) ss.  COUNTY OF RAMSEY )  On this day of and who executed the foregoing instrument, as sai	id person's fi	, before moree act and deed, on the	e persona e day and	ully appeared the above-named, I year aforesaid.
Minneapolis, Minnesota  STATE OF MINNESOTA ) ss.  COUNTY OF RAMSEY )  On this day of and who executed the foregoing instrument, as sai	id person's fi	, before moree act and deed, on the	e persona e day and	ully appeared the above-named, I year aforesaid.
Minneapolis, Minnesota  STATE OF MINNESOTA ) ss.  COUNTY OF RAMSEY )  On this day of and who executed the foregoing instrument, as sai	id person's fi	, before moree act and deed, on the	e persona e day and	ully appeared the above-named, I year aforesaid.
Minneapolis, Minnesota  STATE OF MINNESOTA ) ss.  COUNTY OF RAMSEY )  On this day of and who executed the foregoing instrument, as sai  (Seal)  Given Name (first and middle initial [if any]):	Family Na	, before more act and deed, on the	e persona e day and	ully appeared the above-named, I year aforesaid.
Minneapolis, Minnesota  STATE OF MINNESOTA ) ss.  COUNTY OF RAMSEY )  On this day of and who executed the foregoing instrument, as said (Seal)  Given Name (first and middle initial [if any]):  Robert	Family Na		e persona e day and	ully appeared the above-named, I year aforesaid.
Minneapolis, Minnesota  STATE OF MINNESOTA )   ss.  COUNTY OF RAMSEY )   On this day of and who executed the foregoing instrument, as said who executed the foregoing instrument, as said (Seal)  Given Name (first and middle initial [if any]):  Robert  Inventor's Signature:  Residence (City and State):  Shoreview, Minnesota  STATE OF MINNESOTA )   ss.	Family Na		e persona e day and	ully appeared the above-named, it year aforesaid.
Minneapolis, Minnesota  STATE OF MINNESOTA )   ss.  COUNTY OF RAMSEY )   On this day of and who executed the foregoing instrument, as said who executed the foregoing instrument, as said (Seal)  Given Name (first and middle initial [if any]):  Robert  Inventor's Signature:  Residence (City and State):  Shoreview, Minnesota  STATE OF MINNESOTA )   ss.  COUNTY OF RAMSEY )	Family Na Stadler		ne persona ne day and	ully appeared the above-named, il year aforesaid.  Citizenship:
Minneapolis, Minnesota  STATE OF MINNESOTA )   ss.  COUNTY OF RAMSEY )   On this day of and who executed the foregoing instrument, as said who executed the foregoing instrument, as said (Seal)  Given Name (first and middle initial [if any]):  Robert  Inventor's Signature:  Residence (City and State):  Shoreview, Minnesota  STATE OF MINNESOTA )   ss.	Family Na Stadler		e persona	ally appeared the above-named, it year aforesaid.  Citizenship: US
Minneapolis, Minnesota  STATE OF MINNESOTA ) ss.  COUNTY OF RAMSEY ) On this day of and who executed the foregoing instrument, as said (Seal)  Given Name (first and middle initial [if any]):  Robert  Inventor's Signature:  Residence (City and State):  Shoreview, Minnesota  STATE OF MINNESOTA ) ss.  COUNTY OF RAMSEY ) On this day of	Family Na Stadler		e persona	ally appeared the above-named, it year aforesaid.  Citizenship: US

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Attorney Docket No.: P0040995.USU2

Given Name (first and middle initial [if any]): Eduardo	Family Name or Surname (las Warman	t name):
Inventor's Signature: ( \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1-18	2012
Residence (City and State): Maple Grove, Minnesota	Country: USA	Citizenship: US
STATE OF MINNESOTA )  ) ss.  COUNTY OF RAMSEY )  On this day of day of day of and who executed the foregoing instrument, as said	person's free act and deed, on	me personally appeared the above-named, the day and year aforesaid.
(Seal) SUSAN M. NIENABER Notary Public-Minnesota My Commission Expless Jan 31, 2015.	Surviva Notary Public	Leeraber_
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Given Name (first and middle initial [if any]):	Family Name or Surname (las Kleckner	t name):
Given Name (first and middle initial [if any]):	Kleckner	
Given Name (first and middle initial [if any]): Karen J.	Kleckner	

Given Name (first and middle initial [if any]): Family Name or Surname (last name):  Nichols					
Inventor's Signature:	Date: Jan 1:	Date: Jan 17, 2012			
Residence (Citý and State):	Country:	Citizenship:			
Maple Grove, Minnesota	USA	US			
STATE OF MINNESOTA )					
OVERTOUR DAMORY					
COUNTY OF RAMSEY )					
On this May of January	), before me personally appeared the above-named,				
and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.					
(Seal) SUSAN M. NIENABER Notary Public-Minnesota My Commission Expired Lint 21, 1915	Junen-	heraber_			

Given Name (first and middle initial [if any]): Alberto Della	Family Name or Surname (last name): Scala		
Inventor's Signature:	Date:	Date:	
Residence (City and State): Rome	Country: Italy	Citizenship: Italy	
Managed Angeles (Angeles Angeles Angel		N	
Witness Signature	Witness Signature		
Witness Printed Name	Witness Printed Name		

Given Name (first and middle initial [if any]):	P	6 (1 (				
Lucy	Family Name or Surname (last name): Nichols					
	MICHOIS					
Inventor's Signature:		Date:				
Residence (City and State):		Country:	Citizenship:			
Maple Grove, Minnesota		USA	US			
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STATE OF MINNESOTA )						
) SS.						
COUNTY OF RAMSEY )						
On this day of,, before me personally appeared the above-named,						
and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.						
(G. 1)						
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		Notary Public	1			
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Given Name (first and middle initial [if any]):	Family Na	me or Surname (last name):				
Alberto Della#	Septe Della Scala					
Inventor's Signature:	75	Date:				
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