501875146 04/02/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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
Internal Address:	Mail Stop LC340
City:	Minneapolis
State/Country:	MINNESOTA
Postal Code:	55432

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13353891

CORRESPONDENCE DATA

Fax Number: (763)505-2530 **Phone**: (763) 526-0932

Email: susan.m.nienaber@medtronic.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Carol F. Barry

PATENT

REEL: 027974 FRAME: 0532

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Address Line 1: 710 Medtronic Parkway Address Line 2: Mail Stop LC340 Address Line 4: Minneapolis, MINNESOTA 55432 ATTORNEY DOCKET NUMBER: P0040995.USU2 NAME OF SUBMITTER: Susan M. Nienaber Total Attachments: 8 source=EFS_executed_assign#page1.tif source=EFS_executed_assign#page2.tif source=EFS_executed_assign#page3.tif source=EFS_executed_assign#page4.tif source=EFS_executed_assign#page5.tif source=EFS_executed_assign#page6.tif source=EFS_executed_assign#page7.tif source=EFS_executed_assign#page8.tif

> PATENT REEL: 027974 FRAME: 0533

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;
\boxtimes	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 having a principle 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 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.

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]):	Family N	ame or Surname (last name):			
Xiaohong	Zhou	Zhou			
Inventor's Signature:	·	Date:			
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Residence (City and State): Woodbury, Minnesota	Service Constitution of the Constitution of th	Country: USA	Citizenship: US		
STATE OF MINNESOTA)					
) ss. COUNTY OF RAMSEY)					
On this 18th day of This Com		and before me person	nally appeared the above-named,		
and who executed the foregoing instrument, as sai	d person's f	free act and deed, on the day ar	nd year aforesaid.		
(Seal) SUSAN M MENABER Hotery Public-Minnesota My Commission Expires Jan 31, 2015		Notary Public	abe/		
Given Name (first and middle initial [if any]): Lilian	Family N Kornet	ame or Surname (last name):			
Inventor's Signature:	4	Date:			
Residence (City and State): Maastricht		Country: Netherlands	Citizenship: Netherlands		
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YI'll O'		W. C.	*************************************		
Witness Signature		Witness Signature			

Witness Printed Name		Witness Printed Name	;		

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]):	Family N	ame or Surname (last	name).	00n0ccnncccncdddaadanadaaa00000000000000
Xiaohong	Zhou	mus or rainance (rose	. 11anic).	
Inventor's Signature:		Date:	***************************************	
Residence (City and State):	**************************************	Country:		Citizenship:
Woodbury, Minnesota		USA		US
STATE OF MINNESOTA)) ·ss. COUNTY OF RAMSEY)			helden en e	
On this day of		, before n	ne persoi	nally appeared the above-named,
and who executed the foregoing instrument, as sai	id person's f	ree act and deed, on t	he day ar	nd year aforesaid.
(Seal)		Atatam, Dalalin		
·		Notary Public		
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Given Name (first and middle initial [if any]): Lilian	Family Na Kornet	ame or Surname (last	name):	
Inventor's Signature:		Date: 181	an 7	2012
Residence (City and State).		Country:		Citizenship:
Maastricht		Netherlands		Netherlands
		Roe	andu	SEUS
Witness Signature		Witness Signa	ture	gerrand Discourse and Commission of the Commissi
V.A. ZEIJLEMAKER		Witness Signature R. Cornelussen		
Witness Printed Name		Witness Printe	ed Name	

Given Name (first and middle initial [if any]): Richard N.M.	Family Name or Surname (Is	ist name).	
TTTANDON ON TACKAN	Family Name or Surname (last name): Cornelussen		
Inventor's Signature:	Date:		
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Given Name (first and middle initial [if any]):	Family Name or Surname (la	ast name):	***************************************
Paul D.	Ziegler		
Inventor's Signature;	Date:		
-tal O Vien	18-JA	N-2012	
City and State:	Country:	Citizenship:	***************************************
Minneapolis, Minnesota	USA	US	
STATE OF MINNESOTA)			
) ss. COUNTY OF RAMSEY)			
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(Seal) Given Name (first and middle initial [if any]): Robert	Notary Public Family Name or Surname (la		
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Given Name (first and middle initial [if any]): Robert Inventor's Signature:	Notary Public Family Name or Surname (la Stadler Date:	ast name): / ~ 2012	
Given Name (first and middle initial [if any]): Robert Inventor's Signature: Residence (City and State): Shoreview, Minnesota	Notary Public Family Name or Surname (la Stadler Date: /// JAA Country:	ast name): / - 2012 Citizenship:	
(Seal) Given Name (first and middle initial [if any]): Robert Inventor's Signature: Authority Residence (City and State):	Notary Public Family Name or Surname (la Stadler Date: /// JAA Country:	ast name): / - 2012 Citizenship:	
Given Name (first and middle initial [if any]): Robert Inventor's Signature: Residence (City and State): Shoreview, Minnesota STATE OF MINNESOTA)	Notary Public Family Name or Surname (la Stadler Date: /// JAA Country:	ast name): / - 2012 Citizenship:	
Given Name (first and middle initial [if any]): Robert Inventor's Signature: Residence (City and State): Shoreview, Minnesota STATE OF MINNESOTA) SS.	Notary Public Family Name or Surname (la Stadler Date: /// JAA Country: USA	ast name): / - 2012 Citizenship:	amed ,
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 the company of the compan	Notary Public Family Name or Surname (la Stadler Date: /// JAA Country: USA deforid person's free act and deed, o	citizenship: US e me personally appeared the above-n	amed,
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	Notary Public Family Name or Surname (la Stadler Date: /// JAA Country: USA deforid person's free act and deed, o	citizenship: US e me personally appeared the above-n	amed,
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 and who executed the foregoing instrument, as said	Notary Public Family Name or Surname (la Stadler Date: /// JAA Country: USA deed, o	citizenship: US e me personally appeared the above-n	amed,
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 the company of the compan	Notary Public Family Name or Surname (la Stadler Date: /// JAA Country: USA deforid person's free act and deed, o	citizenship: US e me personally appeared the above-n	amed,

Assignment

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

Attorney Docket No.: P0040995,USU2

Given Name (first and middle initial [if any]): Richard N.M.	Family N Cornelus	ame or Surname (last name):	
Inventor's Signature:		Date: 18 Jan 20	210
Residence (City and State): Maastricht		Country: V Netherlands	Citizenship: Netherlands
R/QQD		V	
Witness Signature		Witness Signature	LEMAKER
Witness Printed Name		Witness Printed Name	LUITALK
Seccessors	anteritaban eranan e		
Given Name (first and middle initial [if any]): Paul D.	Family No.	ame or Surname (last name):	
Inventor's Signature:		Date:	
City and State: Minneapolis, Minnesota		Country: USA	Citizenship: US
and who executed the foregoing instrument, as sai	id person's f	,, before me person ree act and deed, on the day an	nally appeared the above-named, ad year aforesaid.
(Seal)		Notary Public	
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Given Name (first and middle initial [if any]): Robert	Family Na Stadler	ume or Surname (last name):	
Inventor's Signature:		Date:	,
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 sai	d person's fi	,, before me person ree act and deed, on the day an	ally appeared the above-named, dyear aforesaid.
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Given Name (first and middle initial [if any]):		ame or Surname (last name):					
Eduardo	Warman						
Inventor's Signature:	ΛΛ	Date:					
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Residence (City and State):		Country:	Citizenship:				
Maple Grove, Minnesota		USA	US				
STATE OF MINNESOTA)	***************************************	*************************************					
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Given Name (first and middle initial [if any]):	, -	ame or Surname (last name):					
Karen J.	Kleckner						
Karen J.	Kleckner	Date:					
Inventor's Signature:	Kleckner	Date: (Blanzorz					
Karen J.	Kleckner	Date:	Citizenship: US				
Residence (City and State): New Brighton, Minnesota	Kleckner	Date: (B.Janzorz Country:	Citizenship:				
Inventor's Signature: Residence (City and State):	Kleckner	Date: (B.Janzorz Country:	Citizenship:				
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Inventor's Signature: Residence (City and State): New Brighton, Minnesota STATE OF MINNESOTA)	Kleckner	Date: (B.Janzorz Country:	Citizenship:				
Inventor's Signature: Residence (City and State): New Brighton, Minnesota STATE OF MINNESOTA)	Kleckner	Date: (B.Janzorz Country:	Citizenship:				
Residence (City and State): New Brighton, Minnesota STATE OF MINNESOTA) , ss.	Kleckner	Date: (B.Janzorz Country:	Citizenship:				
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Residence (City and State): New Brighton, Minnesota STATE OF MINNESOTA) On this day of day of and who executed the foregoing instrument, as sai	d person's f	Date: (8 Jan Zo12 Country: USA	Citizenship: US nally appeared the above-named,				
Residence (City and State): New Brighton, Minnesota STATE OF MINNESOTA) On this day of day of and who executed the foregoing instrument, as sai	d person's f	Date: (8 Jan Zo12 Country: USA	Citizenship: US nally appeared the above-named,				
Residence (City and State): New Brighton, Minnesota STATE OF MINNESOTA) SS. COUNTY OF RAMSEY) On this City day of County and who executed the foregoing instrument, as sai	d person's f	Date: (8 Jan Zo12 Country: USA	Citizenship: US nally appeared the above-named,				
Residence (City and State): New Brighton, Minnesota STATE OF MINNESOTA) On this day of day of and who executed the foregoing instrument, as sail	d person's f	Date: (8 Jan Zo12 Country: USA	Citizenship: US nally appeared the above-named,				

Given Name (first and middle initial [if any]):	Family Name or Surname (last name):
Lucy	Nichols
Inventor's Signature:	Date: Jan 17, 2012
Residence (City and State):	Country: Citizenship:
Maple Grove, Minnesota	USA US
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY)	
On this 17th day of 20 relain	before me personally appeared the above-named,
and who executed the foregoing instrument, as said	id person's free act and deed, on the day and year aforesaid.
(Seal) SUSAN M. NIENABER Notary Public Minnesota My Commission Series and N. 2012	

Given Name (first and middle initial [if any]): Alberto Della	Family Name or Surname (last na Scala	me):	***************************************
Inventor's Signature:	Date:		
Residence (City and State):	Country:	Citizenship:	***************************************
Rome	Italy	Italy	
Witness Signature	Witness Signatu		
Witness Printed Name	Witness Printed	Name	:

Attorney Docket No.: P0040995.USU2

Given Name (first and middle initial [if any]): Lucy	Family Name or Surn Nichols	ame (last name):		
Inventor's Signature:	Date:			
Residence (City and State):	Country:	(Citizenship:	
Maple Grove, Minnesota	USA	ž.	us .	
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.				
(Seal)	Notary Public			

	Name or Surname (last name): DELLA SCALA	
Inventor's Signature:	Date: 13 50 2012	
Residence (City and State):	Country:	Citizenship:
Rome	Italy	Italy
Witness Signature SILVANA JAKENTINI Witness Printed Name	Witness Signature 7/RIANA Witness Printed Nam	The transfer of the transfer o

RECORDED: 04/02/2012

Attorney Docket No.: P0040995.USU2

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