# PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Bruce D. Gunderson	09/30/2011
Karen J. Kleckner	09/30/2011
Kevin T. Ousdigian	09/30/2011
Amisha S. Patel	09/30/2011
Julian Sanchez	09/30/2011

# **RECEIVING PARTY DATA**

Name:	Medtronic, Inc.
Street Address:	710 Medtronic Parkway N.E.
City:	Minneapolis
State/Country:	MINNESOTA
Postal Code:	55432-5640

# PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13250515

# **CORRESPONDENCE DATA**

(651)735-1102 Fax Number: 6512868364 Phone:

Email: pairdocketing@ssiplaw.com

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

via US Mail.

Correspondent Name: Shumaker & Sieffert, P.A. Address Line 1: 1625 Radio Drive, Suite 300 Address Line 4: Woodbury, MINNESOTA 55125

ATTORNEY DOCKET NUMBER:	P0041879.USU1/1111-344
NAME OF SUBMITTER:	Patricia Cygan

**PATENT** 

REEL: 027001 FRAME: 0924

# Total Attachments: 8 source=P0041879\_USU1\_Assignment#page1.tif source=P0041879\_USU1\_Assignment#page2.tif source=P0041879\_USU1\_Assignment#page3.tif source=P0041879\_USU1\_Assignment#page4.tif source=P0041879\_USU1\_Assignment#page5.tif source=P0041879\_USU1\_Assignment#page6.tif source=P0041879\_USU1\_Assignment#page7.tif source=P0041879\_USU1\_Assignment#page8.tif

Attorney Docket No.: P0041879.USU1/III1-344US01

### ASSIGNMENT OF APPLICATION

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

ELECTROGRAM SUMMARY	
☑ 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.;	; was filed on
which application is identified as PCT International Patent Application No.; filed;	
Whereas, <u>Medtronic</u> , <u>Inc.</u> , a corporation organized and existing under the laws of the State having a principle place of business at <u>710 Medtronic Parkway N.E.</u> , <u>Minneapolis</u> , <u>Minnesota 554</u> referred to as "Corporation," is desirous of acquiring the entire right, title and interest in and to said United States and for all foreign countries and in and to any and all foreign and domestic Letters Paranted therefore:	32-5640, hereinafter d invention for the

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, including any provisional application disclosing 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 suc 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 filling 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.

Assignment

Page 1 of 4 Attorney Docket No.: P0041879.USU1/1111-344US01 Medtronic, Inc., 710 Medtronic Parkway, Minneapolis, MN 55432

III WILLCOS WILCOST, WHO HAVE SERIOU MY FOR HALLO	s) on the day and year set	forth below.	
Given Name (first and middle initial [if any]):	Family Name or Surname (last name):		
Bruce D.	Gunderson		
Inventor's Signature:	Date: 9/3 5/1	/	
City and State:	Country:	Citizenship:	
Plymouth, MN	USA	US	
STATE OF MINNESOTA )			
On this some day of	nd who executed the fore	pefore me personally egoing instrument, as said	
	Family Name or Surname	lest name):	
Given Name (first and middle initial [if any]):  Karen J.	Kleckner	iast name).	
ivateu a			
Inventor's Signature:	Date: 305cp>01	1	
Inventor's Signature:	Country:	Citizenship:	
Inventor's Signature:	30 20 20 0	Citizenship:	

Assignment

Page 2 of 4 Attorney Docket No.: P0041879.USU1/1111-344US01 Medtronic, Inc., 710 Medtronic Parkway, Minneapolis, MN 55432

PATENT

REEL: 027001 FRAME: 0927

		****
Given Name (first and middle initial [if any]): Family Name or Surname (last name):		ist name):
Kevin T.	Ousdigian	
Inventor's Signature:	Date:	
Kerin T. Orradigian	9-30-2011	
Residence (City and State):	Country:	Citizenship:
Shoreview, MN	USA	US
STATE OF MINNESOTA )		
On this day of blender appeared the above-named Kevin T. Ousdigian, and person's free act and deed, on the day and year afor  MACONNA M. SCHROEDER  Notary Public-Minnesota  My Commission Expires Jan 31, 2015	who executed the forego	efore me personally bing instrument, as said
Given Name (first and middle initial [if any]):	Family Name or Surname (I	ast name):
Amisha S.	Patel	
Inventor's Signature:	Date: 9-30-11	
Residence (City and State):	Country:	Citizenship:
Maple Grove	USA	MN
On this day of ss.  On this day of speaker and we person's free act and deed, on the day and year aform MADONNA M. SCHROEDER  Notary Public-Minnesota  (Seal)	ho executed the foregoin	efore me personally g instrument, as said

		Family Name or Surname (last name): Sanchez	
		Date:	e:
Residence (City and State): Shoreview, MN		Country: USA	Citizenship: US
COUNTY OF	SS.		
On this day of appeared the above-named Julian Sar free act and deed, on the day and yea		executed the for	, before me personally regoing instrument, as said person's
(Scal)		Notary Public	

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Attorney Docket No.: P0041879.USU1/1111-344US01

### ASSIGNMENT OF APPLICATION

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

	ELECTROGRAM SUMMARY	
$\boxtimes$	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. ; was filed	i on
	which application is identified as PCT International Patent Application No.: filed;	
har	Whereas, Medtronic, Inc., a corporation organized and existing under the laws of the State of Minnesota	

Whereas, Medironic, Inc., a corporation organized and existing under the laws of the State of Minnesota and having a principle place of business at 710 Medironic Parkway N.E., Minnesota 55432-5640, 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, including any provisional application disclosing 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 suc 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 filling 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 tequired 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.

Assignment

Page 1 of 4 Attorney Docket No.: P0041879.USU1/1111-344US01 Medtronic, Inc., 710 Medtronic Parkway, Minneapolls, MN 55432

In witness whereof, I/we have signed my/our name	le(s) on the day and ye	ar set forth below.	
Given Name (first and middle initial [if any]):	Family Name or Surname (last name):		
Bruce D.	Gunderson		
Inventor's Signature:	Date:		
City and State:	Country:	Citizenship:	
Plymouth, MN	USA.	US	
. 5	0072	and the second s	
STATE OF MINNESOTA			
COUNTY OF			
COUNTY OF		hafam ma naganathe	
On this day of appeared the above-named Bruce D. Gunderson,	and the second s	, before the personalry	
person's free act and deed, on the day and year at	and who executed th breezid	ie foregoing manniem, as said	
person's free act and deed, off the day and year at	O(Garici.		
er and			
(Scal)	Notary Public		
	Notary Public		
Given Name (first and middle initial [if any]):	Family Name or Sur	name (last name):	
Given Name (first and middle initial [if any]): Karen J.	Family Name or Sur Kleckner	name (last name):	
Karen J.		name (last name):	
	Kleckner		
Karen J. Inventor's Signature:	Country:	Citizenship:	
Karen J.	Kleckner Date:		
Karen J. Inventor's Signature: Residence (City and State):	Country:	Citizenship:	
Karen J. Inventor's Signature:  Residence (City and State): New Brighton, MN  STATE OF MINNESOTA ) ss.	Country:	Citizenship:	
Karen J. Inventor's Signature:  Residence (City and State): New Brighton, MN  STATE OF MINNESOTA ) ss.	Country:	Citizenship:	
Karen J. Inventor's Signature:  Residence (City and State): New Brighton, MN  STATE OF MINNESOTA  ) ss.  COUNTY OF	Country: USA	Citizenship: US	
Karen J. Inventor's Signature:  Residence (City and State): New Brighton, MN  STATE OF MINNESOTA  ) ss.  COUNTY OF	Country: USA	Citizenship: US	
Karen J. Inventor's Signature:  Residence (City and State): New Brighton, MN  STATE OF MINNESOTA ) ss.	Country: USA	Citizenship: US	
Karen J. Inventor's Signature:  Residence (City and State): New Brighton, MN  STATE OF MINNESOTA  ) ss.  COUNTY OF	Country: USA	Citizenship: US	
Karen J. Inventor's Signature:  Residence (City and State): New Brighton, MN  STATE OF MINNESOTA  ) ss.  COUNTY OF	Country: USA	Citizenship: US	
Karen J. Inventor's Signature:  Residence (City and State): New Brighton, MN  STATE OF MINNESOTA  ) ss.  COUNTY OF	Country: USA	Citizenship: US	

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ven Name (first and middle initial [if any]): Family Name or Surname (last name):		me (last name):
Kevin T.	Ousdigian	
Inventor's Signature:	Date:	
Residence (City and State): Shoreview, MN	Country: USA	Citizenship: US
STATE OF MINNESOTA ) ) ss.  COUNTY OF )  day of		, before me personally
On this day of appeared the above-named Kevin T.Ousdigian, and person's free act and deed, on the day and year afo (Seal)	resaid.	oregoing instrument, as said
	Notary Public	
Given Name (first and middle initial [if any]): Amisha S.	Family Name or Surna Patel	ime (last name):
Inventor's Signature:	Date:	
Residence (City and State): Maple Grove	Country: USA	Citizenship:
STATE OF MINNESOTA ) ) ss.  COUNTY OF ) On this day of appeared the above-named Amisha S. Patel, and v person's free act and deed, on the day and year afc	vho executed the fore	, before me personally going instrument, as said
(Seal)	Notary Public	

Given Name (first and middle initial [if any]): Julian	Family Name or Surname (last name): Sanchez	
Inventor's Signature:	Date: 9/30/2011	
Residence (City and State)	Country:	Citizenship:
Shoreview, MN	USA	US
On this 30 day of September appeared the above-named Julian Sanchez, and we free act and deed, on the day and year aforesaid.	who executed the to:	of f., before me personally regoing instrument, as said person's
(Seal)  OFFICIAL SEAL SHIRLEY L WADSAGER MOTARY PLIELS - STATE OF ELIMOR MY COMMERCION EXPRESO/201/12		y G. Wadsager

Assignment

**RECORDED: 09/30/2011** 

Page 4 of 4 Attorney Docket No.: P0041879.USU1/1111-344US03 Medironic, Inc., 710 Medironic Parkway, Minneapolia, MN 55432