# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Michael O. Sweeney	03/12/2010
Todd J. Sheldon	03/30/2010

#### **RECEIVING PARTY DATA**

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

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12713499

## **CORRESPONDENCE DATA**

Fax Number: (763)505-2530

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 763-526-0938

Email: carrie.m.arcand@medtronic.com

Correspondent Name: Michael C. Soldner
Address Line 1: 710 Medtronic Parkway
Address Line 2: Mail Stop LC340

Address Line 4: Minneapolis, MINNESOTA 55432

ATTORNEY DOCKET NUMBER:	P0034835.01
NAME OF SUBMITTER:	Michael C. Soldner

Total Attachments: 4

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PATENT REEL: 024165 FRAME: 0603 12/13499

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PATENT REEL: 024165 FRAME: 0604

Attorney Docket No.: P0034835.01

### ASSIGNMENT OF APPLICATION

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

	A SYSTEM AND METHOD FOR CONDITIONAL BIVENTRICULAR PACING
	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. $12/713,499$ ; was filed on $02/26/2010$ ;
$\boxtimes$	for which above application claims priority to U.S. Provisional Patent Application No. 61/156,206; filed on 2/27/2009;
	which application is identified as PCT International Patent Application No.; filed;

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, Minnesota 55432-5640</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 the 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.

Attorney Docket No.: P0034835.01

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 Name or Surname (last name): Michael O. Sweeney Date: Inventor's Signature: City and State: Country Citizenship: USA **United States of America** Newton, Massachusetts STATE OF MASSACHUSETTS SS. COUNTY OF SUFFOLK <u>01</u> day of , before me personally appeared the above-named, On this and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid. (Seal) Notary Public Given Name (first and middle initial [if any]): Family Name or Surname (last name): Todd J. Sheldon Inventor's Signature: Date: March 2010 Citizenship: Residence (City and State): Country: **United States of America USA** North Oaks, Minnesota STATE OF MINNESOTA SS. COUNTY OF RAMSEY , before me personally appeared the above-named , On this **SOM** day of and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX CARRIE M. ARCAND (Seal) Notary Public My Commission Expires Jan 31, 2015 

Assignment

Page 2 of 2 Medtronic, Inc., 710 Medtronic Parkway, Minneapolis, MN 55432 Attorney Docket No.: P003483\$.01

P.008

Attorney Docket No.: P0034835.01

## ASSIGNMENT OF APPLICATION

inv	Whereas I/we, the below named inventor(s), with residence and citizenship as indicated below, have made an invention in		
	A SYSTEM AND METHOD FOR CONDITIONAL BIVENTRICULAR PACING		
	for which an application for a United States Patent is being filed contemporaneously herewith;		
$\boxtimes$			
$\boxtimes$	for which above application claims priority to U.S. Provisional Patent Application No. 61/156,206; filed on 2/27/2009;		
	which application is identified as PCT International Patent Application No.; filed;		
Un	Whereas, Medtronic, Inc., a corporation organized and existing under the laws of the State of Minnesota and ring a principle place of business at 710 Medtronic Parkway N.E., Minneapolis, Minnesota 55432-5640, hereinafter erred to as "Corporation," is desirous of acquiring the entire right, title and interest in and to said invention for the ited States and for all foreign countries and in and to any and all foreign and domestic Letters Patent which may be need 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 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 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 2 Medtronic, Inc., 710 Medtronic Parkway, Minneapolis, MN 55432

Attorney Docket No.: P0034835.01

PATENT REEL: 024165 FRAME: 0607 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, lnc., 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.				
name (last name):				
3-12-2010				
Citizenship: United States of America				
STATE OF MASSACHUSETTS  ) ss.  COUNTY OF SUFFOLK  Sh this				
name (last name):				
Citizenship: United States of America				
_ before me personally appeared the above-named , deed, on the day and year aforesaid.				
-I				

Assignment

Page 2 of 2 Medtronic, Inc., 710 Medtronic Parkway, Minneapolis, MN 55432

Attorney Docket No.; P0034835.01

**RECORDED: 03/31/2010**