

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Robert W. Stadler</td><td>11/21/2011</td></tr><tr><td>Wade M. Demmer</td><td>11/21/2011</td></tr><tr><td>Vincent E. Splett</td><td>11/21/2011</td></tr><tr><td>Todd J. Sheldon</td><td>11/21/2011</td></tr></tbody></table>	Name	Execution Date	Robert W. Stadler	11/21/2011	Wade M. Demmer	11/21/2011	Vincent E. Splett	11/21/2011	Todd J. Sheldon	11/21/2011	
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Todd J. Sheldon	11/21/2011										
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											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13301084</td></tr></tbody></table>	Property Type	Number	Application Number:	13301084							
Property Type	Number										
Application Number:	13301084										
CORRESPONDENCE DATA											
Fax Number:	(651)367-0471										
Phone:	763-526-0938										
Email:	carrie.m.arcand@medtronic.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
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:	P0040762.USU1										
NAME OF SUBMITTER:	Carrie M. Arcand										
Total Attachments: 3 source=EFS_P0040762-USU1_Assignment#page1.tif source=EFS_P0040762-USU1_Assignment#page2.tif source=EFS_P0040762-USU1_Assignment#page3.tif											

PATENT

501731067

REEL: 027264 FRAME: 0145

CH \$40.00 13301084

ASSIGNMENT OF APPLICATION

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

METHOD FOR EFFICIENT DELIVERY OF DUAL SITE PACING
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- ☒ 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 _____ ;
- ☐ for which above application claims priority to U.S. Provisional Patent Application No. _____ ; filed on _____ ;
- ☐ 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;

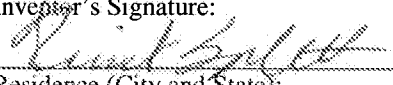
AND, for the consideration aforesaid, we materially represent to Corporation, its successors and assigns, that at the time of the execution and delivery of these presents, we are the sole lawful owners of the entire right, title and interest in and to the invention, application and Letters Patent above 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.


Given Name and middle initial [if any]: Robert W.		Family Name or Surname (last name): Stadler	
Inventor's Signature: <i>Robert W Stadler</i>		Date: Nov 21, 2011	
City and State: Shoreview, Minnesota		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY)			
On this <u>21st</u> day of <u>November</u> , <u>2011</u> , 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)		<i>Carrie M Arcand</i> _____ Notary Public	

Given Name and middle initial [if any]): Wade M.		Family Name or Surname (last name): Demmer	
Inventor's Signature: <i>[Signature]</i>		Date: 11/21/11	
Residence (City and State): Coon Rapids, Minnesota		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY)			
On this <u>21st</u> day of <u>November</u> , <u>2011</u> , 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)		<i>[Signature]</i> _____ Notary Public	

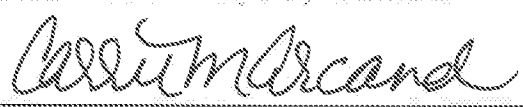
Given Name (first and middle initial [if any]): Vincent E.		Family Name or Surname (last name): Splett	
Inventor's Signature: 		Date: 21 Nov 2011	
Residence (City and State): Apple Valley, Minnesota		Country: USA	Citizenship: United States of America

STATE OF MINNESOTA)
) ss.
COUNTY OF RAMSEY)


On this 21st day of November, 2011, 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) **CARRIE M. ARCAND**
Notary Public-Minnesota
My Commission Expires Jan 31, 2015




 Notary Public

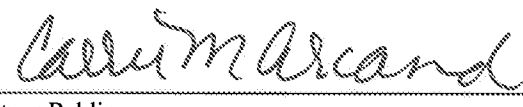
Given Name (first and middle initial [if any]): Todd J.		Family Name or Surname (last name): Sheldon	
Inventor's Signature: 		Date: 21-NOV-2011	
Residence (City and State): North Oaks, Minnesota		Country: USA	Citizenship: United States of America

STATE OF MINNESOTA)
) ss.
COUNTY OF RAMSEY)

On this 21st day of November, 2011, 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) **CARRIE M. ARCAND**
Notary Public-Minnesota
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 Notary Public