PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Christopher C. Stancer	05/04/2011
James J. St. Martin	05/04/2011
Tara L. Bratten	05/04/2011
Michael Hudziak	05/04/2011

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:	13101721

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: P0036130.00/1111-296US01

NAME OF SUBMITTER: Patricia M. Cygan

Total Attachments: 3

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> **PATENT** REEL: 026232 FRAME: 0483

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Attorney Docket No.: P0036130.00/1111-296US01

ASSIGNMENT OF APPLICATION

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

SELECTIVELY ENABLING A PASSIVE RECHARGE CYCLE FOR AN IMPLANTABLE

CARDIAC STIMULATION DEVICE	
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. ; w	as 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 Mini	nesota and
having a principle place of business at 710 Medtronic Parkway N.E., Minneapolis, Minnesota 55432-5640	, hereinafter
referred to as "Corporation," is desirous of acquiring the entire right, title and interest in and to said invent	ion for the
United States and for all foreign countries and in and to any and all the state of the Letters Patent where granted therefore;	ich may be

NOW, Therefore, for good and valuable consideration, the receipt and sufficiency of which are kereby 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 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.

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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	······	***************************************			
Given Name (first and middle initial [if any]):	Family Name or Surname (last name):				
Christopher C.	Stancer				
Inventor's Signature:	Date:				
Chin Otton	0/7/				
City and State:	Country:	Citizenship:			
Prescott, WI	USA	USA			
STATE OF MINNESOTA)		tugi mimiya a daga si il			
) ss.					
COUNTY OF RAMSEY)					
On this 475 day of May	. 2011. befo	re me personally appeared			
the above-named Christopher C. Stancer, and who					
free act and deed, on the day and year aforesaid.					
		winti Mattawagai Diftoras impopo			
RITAL ANDERSON	N - 7 - 1 N - 2 - 2				
(Seal) Notary Public Minnesota					
\$ WY Commission Express Jap 31, (5)18 \$ \\/	Notary Public				
	WV i				
Given Name (first and middle initial [if any]):	Family Name or Surname ((last name):			
James J.	St. Martin				
Inventor's Signature	Date:				
Janu 2011/10/2	104-May-2011				
Residence (City and State):	Country: Citizenship:				
Zumbrota, MN	USA	USA			
STATE OF MINNESOTA)					
) ss.					
COUNTY OF RAMSEY) , .					
On this day of \(\lambda \(\lambda \) \(\					
the above-named James J. St. Martin, and who executed the foregoing instrument, as said person's free					
act and deed, on the day and year aforesaid.					
2 ************************************					
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(Seal) Notary Public Managers 21, 2015	4 // //////////////////////////////////	7411			
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Page 2 of 3 Attorney Docket No.: P0036130.00/1111-296US01 Medtronic, Inc., 710 Medtronic Parkway, Minneapolis, MN 55432

Given Name (first and middle initial [if any]):	Family Name or Surname (last name):			
Tara L.	Bratten			
Inventor's Signature;	Date:			
<u> </u>	5/4/11	:		
Residence (City and State):	Country: Citizenship:			
Champlin, MN	USA	USA		
STATE OF MINNESOTA)		***************************************		
) ss.				
COUNTY OF RAMSEY				
On this day of	2011 before	me personally appeared		
the above-named Tara L. Bratten, and who execute				
and deed, on the day and year aforesaid.		ii, as said person's free act		
and dood, on the day and year arefoliate.				
**************************************	s			
(C-1) ANDERSON	X.46.#7/46	- Adda		
(Seal) Notary Public Mitmesota		441		
Service Servic	Notary Public			
	ainamananimisemmisemmilimin.			
C. M.	E- :L NI - C ()			
Given Name (first and middle initial [if any]): Family Name or Surname (last name):		st name):		
Michael /	Hudziak			
Inventor's Signature!	Date:			
	5/04/1			
Residence (City and State):	Country:	Citizenship:		
Stillwater, MN	USA	USA		
STATE OF MINNESOTA)				
) ss.				
COUNTY OF RAMSEY)				
On this day of	2011 before	me personally appeared		
On this, 2011, before me personally appeared the above-named Michael Hudziak, and who executed the foregoing instrument, as said person's free				
act and deed, on the day and year aforesaid.				
		<u>.</u>		
(C1) Salan Bira & All All All All All All All All All A				
(Seal) AITA L ANDERSON Notary Public Minnesota	N. C.	<u></u>		
S William My Commission Expires Jun 21, 2015 \$	Notary Public	<i>514</i> (a		
	minimum dan manananananananananananananananananan			
A CONTRACTOR				

RECORDED: 05/05/2011