

PATENT ASSIGNMENT

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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>Andrew Thom</td><td>07/12/2011</td></tr><tr><td>Markus Reiterer</td><td>07/01/2011</td></tr><tr><td>Gordon Munns</td><td>07/12/2011</td></tr><tr><td>Thomas Miltich</td><td>07/12/2011</td></tr><tr><td>Joyce Yamamoto</td><td>07/01/2011</td></tr></tbody></table>	Name	Execution Date	Andrew Thom	07/12/2011	Markus Reiterer	07/01/2011	Gordon Munns	07/12/2011	Thomas Miltich	07/12/2011	Joyce Yamamoto	07/01/2011	
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Joyce Yamamoto	07/01/2011												
RECEIVING PARTY DATA													
Name:	Medtronic, Inc.												
Street Address:	710 Medtronic Parkway NE												
City:	Minneapolis												
State/Country:	MINNESOTA												
Postal Code:	55432-5604												
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>13196695</td></tr></tbody></table>	Property Type	Number	Application Number:	13196695									
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Application Number:	13196695												
CORRESPONDENCE DATA													
Fax Number: (414)297-4900 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 414-271-2400													
Email: PTOMailMilwaukee@foley.com													
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Address Line 2: FOLEY & LARDNER LLP													
Address Line 4: MILWAUKEE, WISCONSIN 53202-5306													
ATTORNEY DOCKET NUMBER:	038469-0312												
NAME OF SUBMITTER:	Russell S. Magaziner												
Total Attachments: 3 source=Assignment to Medtronic#page1.tif source=Assignment to Medtronic#page2.tif source=Assignment to Medtronic#page3.tif													

OP \$40.00 13196695

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PATENT
REEL: 026703 FRAME: 0509

ASSIGNMENT OF APPLICATION

Whereas we, the below named inventors, with residence and citizenship as indicated below, have made an invention in

INSULATOR FOR A FEEDTHROUGH

- ☒ 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 from the assignors their 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, our entire right, title and interest in and to said invention and our 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 assignors 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;

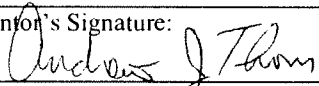


AND, for the consideration aforesaid, we materially represent to Corporation, its successors and assigns, that at the time of the execution and delivery of these presents, we are the sole lawful owners of our entire right, title and interest in and to the invention, application and Letters Patent above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


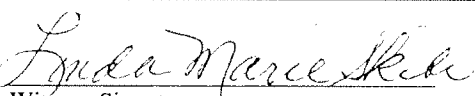
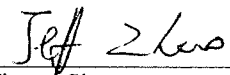
AND, for the consideration aforesaid, we hereby individually covenant and agree to and with Corporation, its successors and assigns, that whenever its counsel or the counsel of its successors or assigns, learned in the law, shall advise that an amendment or division of, or continuation or any continuation-in-part 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.

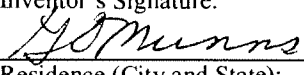
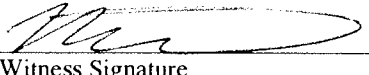
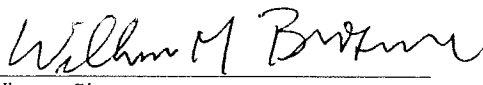
We do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to said Medtronic, Inc., as the assignee of our entire right, title, and interest therein.


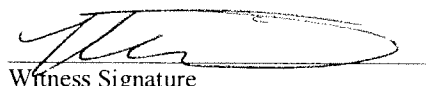
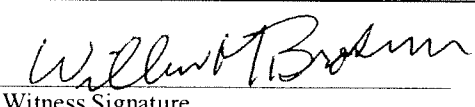
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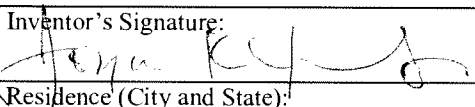
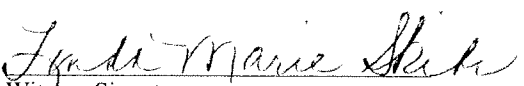
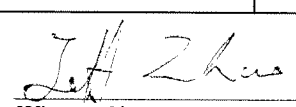
In witness whereof, we have signed our names on the day and year set forth below.

Given Name (first and middle initial [if any]): ANDREW		Family Name or Surname (last name): THOM	
Inventor's Signature: 		Date: 12 July 2011	
Residence (City and State): Maple Grove, Minnesota		Country: U.S.A.	Citizenship: United States of America
Witness Signature  Witness Printed Name Brad C. Tischendorf		Witness Signature  Witness Printed Name William M. Brosnan	

Given Name (first and middle initial [if any]): MARKUS		Family Name or Surname (last name): REITERER	
Inventor's Signature: 		Date: 1 July 2011	
Residence (City and State): Plymouth, Minnesota		Country: U.S.A.	Citizenship: Austria
Witness Signature  Witness Printed Name LINDA MARIE SKIBA		Witness Signature  Witness Printed Name Jeff Zhao	

Given Name (first and middle initial [if any]): GORDON		Family Name or Surname (last name): MUNNS	
Inventor's Signature: 		Date: 12 - July - 2011	
Residence (City and State): Stacy, Minnesota		Country: U.S.A.	Citizenship: United States of America
Witness Signature  Witness Printed Name Brad C. Tischendorf		Witness Signature  Witness Printed Name William M. Brosnan	

Given Name (first and middle initial [if any]): THOMAS		Family Name or Surname (last name): MILTICH	
Inventor's Signature: 		Date: 12 July 2011	
Residence (City and State): Otsego, Minnesota		Country: U.S.A.	Citizenship: United States of America
Witness Signature  Witness Printed Name Brad C. Tischendorf		Witness Signature  Witness Printed Name William M. Brosnan	

Given Name (first and middle initial [if any]): JOYCE		Family Name or Surname (last name): YAMAMOTO	
Inventor's Signature: 		Date: 1 July 2011	
Residence (City and State): Maple Grove, Minnesota		Country: U.S.A.	Citizenship: United States of America
Witness Signature  Witness Printed Name Linda Marie Skiba		Witness Signature  Witness Printed Name Jeff Zhao	