

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Joyce K. Yamamoto	07/17/2009
Gregory J. Haubrich	07/20/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MEDTRONIC, INC.
<b>Street Address:</b>	710 Medtronic Parkway N.E.
<b>Internal Address:</b>	Mail Stop LC340
<b>City:</b>	Minneapolis
<b>State/Country:</b>	MINNESOTA
<b>Postal Code:</b>	55432-5640
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12533994
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(763)505-2530
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	763-514-4000
<b>Email:</b>	blancheb@gtlaw.com
<b>Correspondent Name:</b>	Medtronic, Inc.
<b>Address Line 1:</b>	710 Medtronic Parkway N.E.
<b>Address Line 2:</b>	Mail Stop LC340
<b>Address Line 4:</b>	Minneapolis, MINNESOTA 55432-5640
<b>ATTORNEY DOCKET NUMBER:</b>	P0027101.00 (014400)
<b>NAME OF SUBMITTER:</b>	Angela Williams

CH \$40.00 12533994

Total Attachments: 4  
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**PATENT**  
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### RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**  
Joyce K. Yamamoto, Gregory J. Haubrich

Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**  
Name: MEDTRONIC, INC.  
Internal Address: \_\_\_\_\_  
Street Address: \_\_\_\_\_  
710 Medtronic Parkway N.E., Mail Stop LC340  
City: Mineapolis  
State: Minnesota  
Country: US Zip: 55432-5640  
Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**  
Execution Date(s) 07/17/2009, 07/20/2009

Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent number(s):**  This document is being filed together with a new application.  
A. Patent Application No.(s)  
12/533,994  
B. Patent No.(s)  
Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**  
Name: MEDTRONIC, INC.  
Internal Address: \_\_\_\_\_  
Street Address: \_\_\_\_\_  
710 Medtronic Parkway N.E., Mail Stop LC340  
City: Mineapolis  
State: Minnesota Zip: 55432-5640  
Phone Number: 763-514-4000  
Fax Number: 763-505-2530  
Email Address: blancheb@gtlaw.com

**6. Total number of applications and patents involved:** one

**7. Total fee (37 CFR 1.21(h) & 3.41)** \$ 40.00

Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**  
Deposit Account Number 502638  
Authorized User Name Greenberg Traurig LLP

**9. Signature:**  \_\_\_\_\_  
Signature Date December 22, 2009

Bradley D. Blanche  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

## ASSIGNMENT

WHEREAS, We, Joyce K. Yamamoto, a citizen of The United States of America, residing at 6283 Niagara Lane N., Maple Grove, Minnesota 55311, and Gregory J. Haubrich, a citizen of the United States of America, residing at 11190 Hillsboro Avenue, N., Champlin, Minnesota 55316, are the inventors with residence and citizenship as indicated above, have made an invention entitled **CO-FIRED ELECTRICAL FEEDTHROUGHS FOR FOR IMPLANTABLE MEDICAL DEVICES HAVING SHIELDED RF CONDUCTIVE PATH AND IMPEDANCE MATCHING** that is the subject of United States Utility Application Serial Number ( 12/533,994 ), filed ( July 31, 2009 ), [We hereby authorize the Corporation's representatives to insert the application serial number and filing date of said utility application above in the parentheses when known];

WHEREAS, MEDTRONIC, INC., a corporation organized and existing under the laws of the State of Minnesota and having a principal 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 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 therefor;

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 therefor 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 behoof and use and behoof 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, and also hereby authorize Corporation and its employees to fill in the serial number and filing date above after this document has been executed;

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 hereby grant Corporation the right to fill in the serial number and filing date in this document upon their receipt;

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

ASSIGNMENT

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PATENT

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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 hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Corporation in accordance with this instrument.

IN WITNESS WHEREOF, I have hereunto set my hand on this 17<sup>th</sup> day of July, 2009.

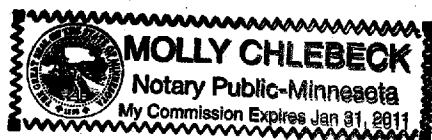
  
Joyce K. Yamamoto

STATE OF MINNESOTA

COUNTY OF Ramsey

On this 17<sup>th</sup> day of July, 2009, before me personally appeared Joyce K. Yamamoto, to me known to be the person described in and who executed the foregoing instrument and acknowledged that s/he executed the same as his/her free act and deed.

IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.



  
Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand on this 20<sup>TH</sup> day of JULY, 2009.

Gregory J. Haubrich  
Gregory J. Haubrich

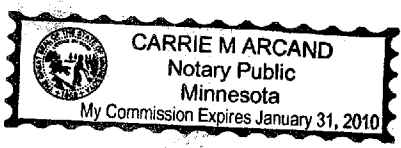
STATE OF MINNESOTA  
COUNTY OF Ramsey

On this 20<sup>th</sup> day of July, 2009, before me personally appeared Gregory J. Haubrich, to me known to be the person described in and who executed the foregoing instrument and acknowledged that s/he executed the same as his/her free act and deed.

IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.

Carrie M Arcand  
Notary Public

Notary Public



ASSIGNMENT  
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RECORDED: 12/22/2009

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