

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Joyce K. Yamamoto	12/18/2008
Gregory J. Haubrich	01/20/2009
Gerald J. Hill	01/20/2009
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: 2	
Property Type	Number
Application Number:	61110532
Application Number:	12347694
CORRESPONDENCE DATA	
Fax Number:	(763)505-2530
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	763-514-4000
Email:	blancheb@gtlaw.com
Correspondent Name:	MEDTRONIC, INC.
Address Line 1:	710 Medtronic Parkway N.E.
Address Line 4:	Minneapolis, MINNESOTA 55432-5640
ATTORNEY DOCKET NUMBER:	P0032745 (062032.014300)
NAME OF SUBMITTER:	Angela Williams
<p>Total Attachments: 5</p> <p>source=MEDTRONICP0032745AssignmentInventorsToMedtronic#page1.tif</p>	

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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,
Gerard J. Hill.

2. Name and address of receiving party(ies)

Name: MEDTRONIC, INC.

Internal Address: _____

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) Dec.18, 2008, Jan.20, 2009, & Jan.20, 2009

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

Street Address: 710 Medtronic Parkway N.E.

City: Minneapolis

State: Minnesota

Country: US Zip: 55432-5640

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

61/110,532
12/347,694

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

Mail Stop LC340

City: Minneapolis

State: MN Zip: 55432

Phone Number: 763-514-4000

Fax Number: 763-505-2530

Email Address: blancheb@gtlaw.com

6. Total number of applications and patents involved: two

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 80.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

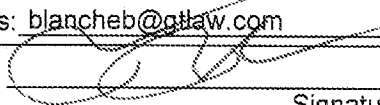
a. Credit Card Last 4 Numbers _____

Expiration Date _____

b. Deposit Account Number 50-2638

Authorized User Name Greenberg Traurig, LLP

9. Signature:



Signature

January 22, 2009

Date

Bradley D. Blanche

Name of Person Signing

Total number of pages including cover sheet, attachments, and document:

5

P0032745 (062032-014300)

ASSIGNMENT

WHEREAS, We, Joyce K. Yamamoto, a citizen of The United States of America, residing at 6283 Niagara Lane N., Maple Grove, Minnesota 55311, Gregory J. Haubrich, a citizen of the United States of America, residing at 11190 Hillsboro Avenue, N., Champlin, Minnesota 55316, and Gerard J. Hill, a citizen of the United States of America, residing at 410 Creekwood Circle N, Champlin, MN 55316, are the inventors with residence and citizenship as indicated above, have made an invention entitled **CO-FIRED SPIRAL ANTENNA FOR IMPLANTABLE MEDICAL DEVICES AND METHOD FOR FORMING THE SAME** that is the subject of United States Provisional Application Serial Number 61/110,532, filed October 31, 2008, and entitled **CO-FIRED MULTI-LAYER ANTENNA FOR IMPLANTABLE MEDICAL DEVICES AND METHOD FOR FORMING THE SAME** that is the subject of United States Utility Application Serial Number (12/347,694), filed (December 31, 2008), [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

ASSIGNMENT

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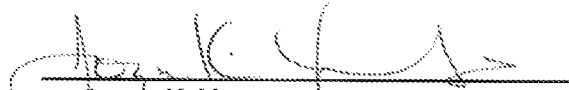
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PATENT**REEL: 022150 FRAME: 0126**

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 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 18th day of December, 2008.

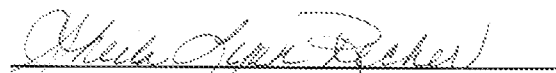

Joyce K. Yamamoto

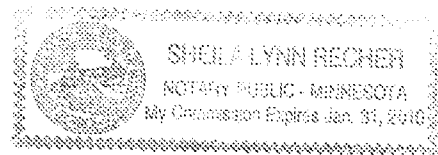
STATE OF MINNESOTA

COUNTY OF Anoka

On this 18 day of December, 2008, 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 20TH day of JANUARY, 2008 9 898.

Gregory J. Haubrich
Gregory J. Haubrich

STATE OF MINNESOTA

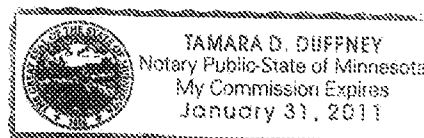
COUNTY OF Ramsey

On this 20 day of January, 2008, 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.

Tamara D. Duffney
Notary Public

Notary Public



IN WITNESS WHEREOF, I have hereunto set my hand on this 20th day of January, 2008.⁹

Gerard J. Hill
Gerard J. Hill

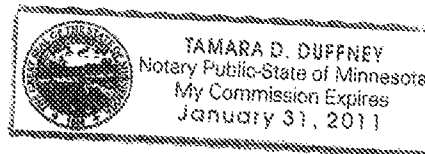
STATE OF MINNESOTA

COUNTY OF Ramsey

On this 20 day of January, 2008,¹⁰ before me personally appeared Gerard J. Hill, 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.

Tamara D. Duffney
Notary Public



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RECORDED: 01/23/2009

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