

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Timothy G Laske</td> <td>07/30/2009</td> </tr> <tr> <td>Gonzalo Martinez</td> <td>08/03/2009</td> </tr> <tr> <td>Mark T Marshall</td> <td>08/03/2009</td> </tr> </tbody> </table>		Name	Execution Date	Timothy G Laske	07/30/2009	Gonzalo Martinez	08/03/2009	Mark T Marshall	08/03/2009		
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Medtronic, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>710 Medtronic Parkway NE</td> </tr> <tr> <td>City:</td> <td>Minneapolis</td> </tr> <tr> <td>State/Country:</td> <td>MINNESOTA</td> </tr> <tr> <td>Postal Code:</td> <td>55432</td> </tr> </table>		Name:	Medtronic, Inc.	Street Address:	710 Medtronic Parkway NE	City:	Minneapolis	State/Country:	MINNESOTA	Postal Code:	55432
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: (248)641-0270</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 248-641-1600</p> <p>Email: shall@hdp.com</p> <p>Correspondent Name: Harness, Dickey & Pierce</p> <p>Address Line 1: P.O. Box 828</p> <p>Address Line 2: Stephen J. Foss, Esq.</p> <p>Address Line 4: Bloomfield Hills, MICHIGAN 48303</p>											
ATTORNEY DOCKET NUMBER:	5074D-000034										
NAME OF SUBMITTER:	William A. Ziehler										
<p>Total Attachments: 4</p> <p>source=Assignment#page 1.tif</p>											

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PATENT
REEL: 023307 FRAME: 0881

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ASSIGNMENT

Attorney Docket No. P0011218.00

The undersigned, hereinafter referred to collectively as Assignor, has an interest in the invention entitled:

LEADS FOR SELECTIVE SENSING AND VIRTUAL ELECTRODES

- (a) ☐ executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration and Power of Attorney);
- (b) ☐ executed on _____, _____, _____;
- (c) ☒ filed on, May 29, 2009 and assigned Serial No. 12/474,645 or PCT International Application No. _____;
- (d) ☐ U.S. Patent No. _____, issued _____, and ☐ presently assigned as evidenced at Reel _____, Frame _____; or
- (e) ☐ entitled above and naming the undersigned inventors in this provisional patent application; and

WHEREAS, Medtronic, Inc., a Corporation organized under and pursuant to the laws of Minnesota having a place of business at 710 Medtronic Parkway NE, Minneapolis, Minnesota 55432, hereinafter referred to as Assignee, is desirous of acquiring Assignor's interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to recover for past infringements of, or liabilities for, any of the rights relating to any of said applications or patents resulting therefrom;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

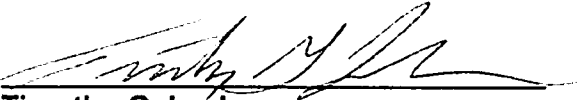
Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue said Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

Assignor hereby authorizes an attorney authorized to prosecute this patent application to insert here in parentheses (Application No. _____, filed ____) the filing date and application number of said application when known.

ASSIGNMENT

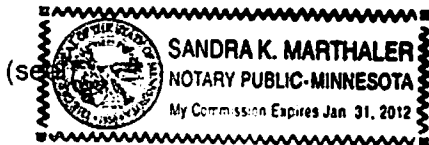
Attorney Docket No. P0011218.00

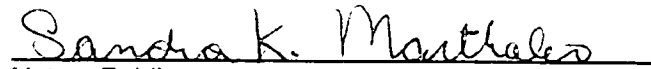

Timothy G. Laske

Date: 30 Jul 09

State of MN)
County of Anoka) ss.

On this 30th day of July, 2009, before me personally appeared the foregoing individuals, who executed the foregoing instrument and who acknowledged to me that they executed the same of their own free will for the purpose therein set forth.




Notary Public,

Anoka County, State of Minnesota

My Commission Expires: Jan 31, 2012

ASSIGNMENT

Attorney Docket No. P0011218.00

Gonzalo Martinez
Gonzalo Martinez

Date: 3 August 2009

State of Minnesota)
County of Anoka) ss.

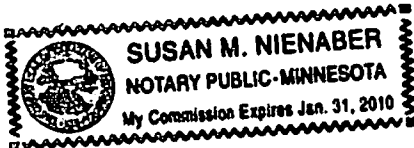
On this 3rd day of August, 2009, before me personally appeared the foregoing individuals, who executed the foregoing instrument and who acknowledged to me that they executed the same of their own free will for the purpose therein set forth.

Susan Nienaber
Notary Public,

(seal)

Anoka County, State of Minnesota

My Commission Expires: Jan 31, 2010



ASSIGNMENT

Attorney Docket No. P0011218.00

Mark T. Marshall
Mark T. Marshall

Date: 03 Aug 2009

State of Minnesota)
County of Ramsey) ss.

On this 3rd day of August, 2009, before me personally appeared the foregoing individuals, who executed the foregoing instrument and who acknowledged to me that they executed the same of their own free will for the purpose therein set forth.

Susan M. Nienaber
Notary Public,

(seal)

Anoka County, State of Minnesota

My Commission Expires: Jan 31, 2010

