503778700 04/12/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3825346

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WILLIAM C. BRUNNETT	01/13/2009
DAVID C. HACKER	01/08/2009
JOHN A. MEYER	01/26/2009
KEVIN LEE MCFARLIN	01/28/2009
JOHN MURDOCK MURPHY	01/27/2009
DWAYNE S. YAMASAKI	01/13/2009
JOHN N. GARDI	01/28/2009

RECEIVING PARTY DATA

Name:	MEDTRONIC XOMED, INC.		
Street Address:	6743 SOUTHPOINT DRIVE, NORTH		
City:	JACKSONVILLE		
State/Country:	FLORIDA		
Postal Code:	32216		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14803623

CORRESPONDENCE DATA

Fax Number: (612)573-2005

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 612-573-2000

Email: USPTO.PATENTS@dbclaw.com
Correspondent Name: DICKE, BILLIG, & CZAJA, PLLC

Address Line 1: 100 SOUTH FIFTH ST.

Address Line 2: SUITE 2250

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	M190.337.102
NAME OF SUBMITTER:	PAUL S. GRUNZWEIG
SIGNATURE:	/Paul S. Grunzweig/
DATE SIGNED:	04/12/2016

503778700 PATENT REEL: 038251 FRAME: 0007

Total Attachments: 9 source=2016-04-12ParentAssignment#page1.tif source=2016-04-12ParentAssignment#page2.tif source=2016-04-12ParentAssignment#page3.tif source=2016-04-12ParentAssignment#page4.tif source=2016-04-12ParentAssignment#page5.tif source=2016-04-12ParentAssignment#page6.tif source=2016-04-12ParentAssignment#page7.tif source=2016-04-12ParentAssignment#page8.tif source=2016-04-12ParentAssignment#page9.tif

PATENT REEL: 038251 FRAME: 0008

M190.337.101 /	
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ASSIGNMENT

WHEREAS, WE,

- (1) William C. Brunnett, residing at 11349 Tacito Creek Drive, Jacksonville, FL 32223;
- (2) David C. Hacker, residing at 818 Old Grove Manor, Jacksonville, FL 32207; and
- (3) John A. Meyer, residing at 45 Deer Run Lane, Hilton Head Island, SC 29928
- (4) Kevin Lee McFarlin, residing at: 171 Lige Branch Lane, Jacksonville, FL 32259
- (5) **John Murdock Murphy**, residing at: 4609 West Catbrier Court, St. Johns, FL 32259
- (6) Dwayne S. Yamasaki, residing at: 701 Corrigan Drive, St. Augustine, FL 32092
- (7) John N. Gardi, residing at: 199 Knockash Hill, San Francisco, CA 94127

have invented certain improvements in "METHOD AND SYSTEM FOR MONITORING A NERVE" for which We have executed an application for Letters Patent of United States of America,

\boxtimes	is attached hereto. was filed on <u>December 8</u> , filed; and	, <u>2008</u> as United	States App	olication No.	<u>12/329,813</u>	and Provisiona
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WHEREAS We hereby authorize and request the Assignee, Medtronic, Inc., to insert the filing date and application number of said application when known; and

WHEREAS, <u>MEDTRONIC XOMED, INC.</u> a corporation organized and existing under the laws of the <u>State of Delaware</u> and having a principal place of business at <u>6743 Southpoint Drive, North, Jacksonville, Florida 32216</u> 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 (including, without limitation, every patent application identified above) and any foreign countries which may be granted therefor including my 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;

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 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 my 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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We 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
William C. Brunnett
William C. Brunnett

STATE OF FLORIDA

COUNTY OF Dova

On this 13th day of January, 2001, before me personally appeared William C. Brunnett, to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his 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.

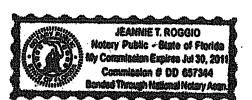
[SEAL]



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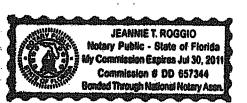
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IN WITNESS WHEREOF. We have hereunto set my hand on this 8714 day of January 7, 200 7. David C. Hacker
STATE OF FLORIDA COUNTY OF DUVAL Ss. On this S day of Danuary, 2009, before me personally appeared David C. Hacker, to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his 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.



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IN WITNESS WHEREOF, We have hereunto set my hand on this 26th day of JANUARY , 200 q. John A. Meyer
STATE OF FLORIDA) ss. COUNTY OF
IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written. August Company



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IN WITNESS WHEREOF, We have hereunto set my hand on this
Kevin Lee McFarlin
STATE OF FLORIDA COUNTY OF DUVA Ss. On this 28 day of 0, 2009, before me personally appeared Kevin Lee McFarlin, to me known to be the person described in and who executed the foregoing instrument and
IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written. Notary Public
Notary Public
[SEAL] JEANNIE T. ROGGIO Notary Public - State of Florida

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with the seal of my office, the
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IN WITNESS WHEREOF, We have hereunto set my hand on this
STATE OF FLORIDA) ss. COUNTY OF Oval On this 13th day of January, 2001, before me personally appeared Dwayne S. Yamasaki, to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his 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.



IN WITNESS WHEREOF, We have hereunto set my hand on this day of
John N. Gardi 🗸
STATE OF FLORIDA) ss. COUNTY OF, 200, before me personally appeared John N. Gardi, to me known to be the person described in and who executed the foregoing instrument and
acknowledged that he executed the same as his 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
Please See Attached California All Purpose Acknowledgment [SEAL]

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This is the final page of this Assignment.

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M190.337.101 /

ALL-PURPOSE ACKNOWLEDGMENT

County of	t X e X e X
personally appeared , who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/asses subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and the	t X e X e X
basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(jes), and the	t X e X e X
and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(jes), and the	e X it X e (
person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoin paragraph is true and correct. Notary Public - California Score County To Contra Costa County To Contra	e (
My Comm. Expires Feb 10, 2010 WITNESS my hand and official seal.	<u>}</u>
NOTARY'S SIGNATURE	- }
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