

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>Execution Date</th> </tr> </thead> <tbody> <tr><td>Sarah Ahlberg</td><td>12/04/2009</td></tr> <tr><td>Sara Simma</td><td>12/08/2009</td></tr> <tr><td>Paul T. Rothstein</td><td>12/01/2009</td></tr> <tr><td>Martin Clements</td><td>12/09/2009</td></tr> <tr><td>Damian Jelich</td><td>12/03/2009</td></tr> <tr><td>Timothy G. Laske</td><td>12/04/2009</td></tr> <tr><td>Cynthia Clague</td><td>12/04/2009</td></tr> <tr><td>Michael Green</td><td>12/01/2009</td></tr> <tr><td>Paul Iaizzo</td><td>12/16/2009</td></tr> </tbody> </table>		Name	Execution Date	Sarah Ahlberg	12/04/2009	Sara Simma	12/08/2009	Paul T. Rothstein	12/01/2009	Martin Clements	12/09/2009	Damian Jelich	12/03/2009	Timothy G. Laske	12/04/2009	Cynthia Clague	12/04/2009	Michael Green	12/01/2009	Paul Iaizzo	12/16/2009
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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</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	City:	Minneapolis	State/Country:	MINNESOTA	Postal Code:	55432										
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PROPERTY NUMBERS Total: 1																					
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CORRESPONDENCE DATA																					
Fax Number: (763)505-2530 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 7635058418 Email: katrina.witschen@medtronic.com Correspondent Name: Katrina A. Witschen Address Line 1: 710 Medtronic Parkway Address Line 4: Minneapolis, MINNESOTA 55432																					

CH \$40.00 12427395

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PATENT
REEL: 023661 FRAME: 0160

ATTORNEY DOCKET NUMBER:	P0028869.00
NAME OF SUBMITTER:	Katrina A. Witschen
Total Attachments: 10 source=EFS_P002886900_Assignment0001#page1.tif source=EFS_P002886900_Assignment0001#page2.tif source=EFS_P002886900_Assignment0001#page3.tif source=EFS_P002886900_Assignment0001#page4.tif source=EFS_P002886900_Assignment0001#page5.tif source=EFS_P002886900_Assignment0001#page6.tif source=EFS_P002886900_Assignment0001#page7.tif source=EFS_P002886900_Assignment0001#page8.tif source=EFS_P002886900_Assignment0001#page9.tif source=EFS_P002886900_Assignment0001#page10.tif	

ASSIGNMENT

WHEREAS, WE, Sarah Ahlberg, Sara Simma, Paul T. Rothstein, Martin Clements, Damian Jelich, Timothy G. Laske, Cynthia Clague, Michael Green and Paul Iaizzo are the inventors of SYSTEM AND METHOD FOR CLOSURE OF AN INTERNAL OPENING IN TISSUE, SUCH AS A TRANS-APICAL ACCESS OPENING for which we have executed a utility patent application which was filed in the United States Patent and Trademark Office preparatory to obtaining Letters Patent of the United States on April 21, 2009 as U.S. Patent Application Serial No. 12/427,395, and

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, Minneapolis, Minnesota 55432, 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;

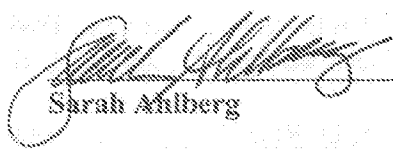
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I have assigned, transferred and set over and by these presents do assign, transfer and set over unto Corporation, its successors and assigns, the entire right, title and interest in and 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 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, reissues and reexaminations 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, for the consideration aforesaid, I 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 inventors of the entire right, title and interest in and to the invention;

AND, for the consideration aforesaid, I 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, reexamination or extension of said Letters Patent is lawful and desirable, I, 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, reexamination 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.

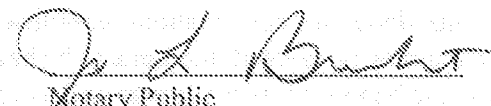
IN WITNESS WHEREOF, I have hereunto set my hand on this 4th day of December, 2009.

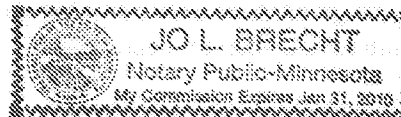

Sarah Ahlberg

STATE OF Minnesota
ss.
COUNTY OF Hennepin

On this 4th day of December, 2009, before me personally appeared Sarah Ahlberg, 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



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

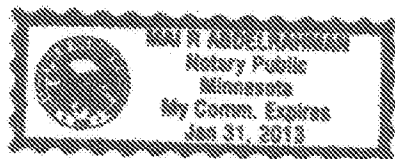
IN WITNESS WHEREOF, I have hereunto set my hand on this 8th day of December, 2009.

S. Simma
Sara Simma

STATE OF Minnesota
COUNTY OF Anoka ^{SS.}

On this 8 day of December, 2009, before me personally appeared Sara Simma, 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.

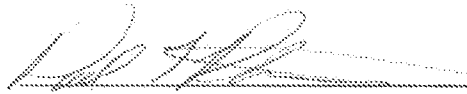
IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.



[Signature]
Notary Public

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

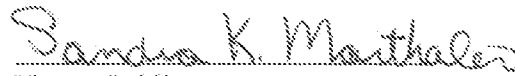
IN WITNESS WHEREOF, I have hereunto set my hand on this 1st day of December, 2009.

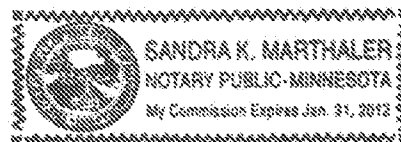

Paul T. Rothstein

STATE OF MN
ss.
COUNTY OF Anoka

On this 1st day of December, 2009, before me personally appeared Paul T. Rothstein, 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.

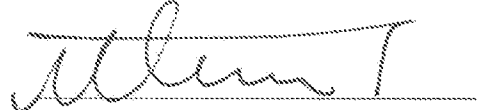
IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.


Notary Public



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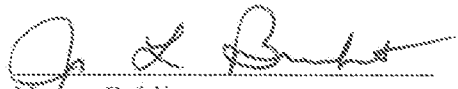
IN WITNESS WHEREOF, I have hereunto set my hand on this 9th day of December, 2009.

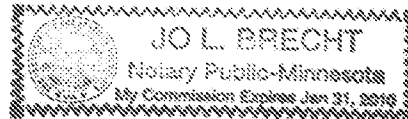

Martin Clements

STATE OF Minnesota
ss.
COUNTY OF Hennepin

On this 9th day of December, 2009, before me personally appeared Martin Clements, 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.

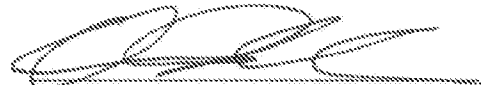
IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.


Notary Public



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

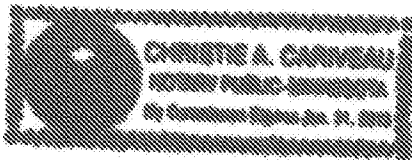
IN WITNESS WHEREOF, I have hereunto set my hand on this 3rd day
of December, 2009.

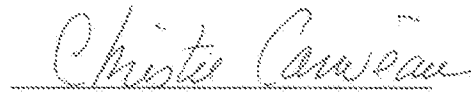

Damian Jelich

STATE OF Minnesota
COUNTY OF Ramsey ss.

On this 03 day of December, 2009, before me personally appeared Damian Jelich, 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.

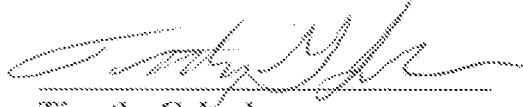
IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.




Notary Public

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

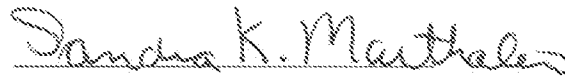
IN WITNESS WHEREOF, I have hereunto set my hand on this 4TH day of DECEMBER, 2009.

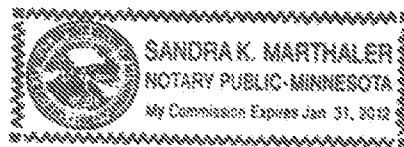

Timothy G. Laske

STATE OF MN
COUNTY OF Anoka ss.

On this 4th day of December, 2009, before me personally appeared Timothy G. Laske, 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



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 4th day of December, 2009.

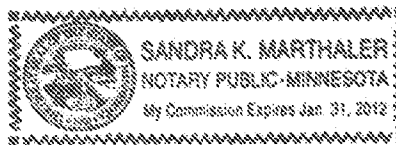
Cynthia Clague
Cynthia Clague

STATE OF MN
COUNTY OF Anoka ss.

On this 4th day of December, 2009, before me personally appeared Cynthia Clague, 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.

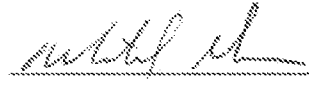
IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.

Sandra K. Marthaler
Notary Public



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

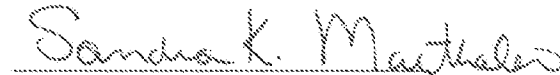
IN WITNESS WHEREOF, I have hereunto set my hand on this 1st day
of December, 2009.

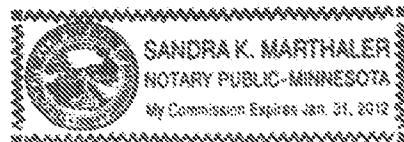

Michael Green

STATE OF MN
COUNTY OF Anoka ss.

On this 1st day of December, 2009, before me personally appeared Michael Green, 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.

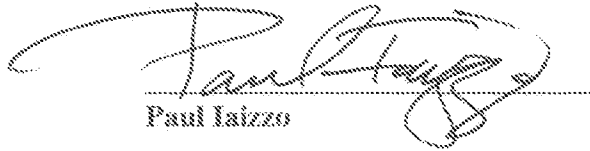
IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.


Notary Public



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

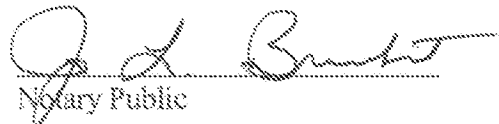
IN WITNESS WHEREOF, I have hereunto set my hand on this 16th day of December, 2009.


Paul Iaizzo

STATE OF Minnesota
ss.
COUNTY OF Hennepin

On this 16th day of December, 2009, before me personally appeared Paul Iaizzo, 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

