

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Timothy R. Ryan</td><td>01/26/2009</td></tr><tr><td>Charles Tabor</td><td>01/26/2009</td></tr></tbody></table>	Name	Execution Date	Timothy R. Ryan	01/26/2009	Charles Tabor	01/26/2009	
Name	Execution Date						
Timothy R. Ryan	01/26/2009						
Charles Tabor	01/26/2009						
RECEIVING PARTY DATA							
Name:	Medtronic, Inc.						
Street Address:	710 Medtronic Parkway						
City:	Minneapolis						
State/Country:	MINNESOTA						
Postal Code:	55432						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12358765</td></tr></tbody></table>	Property Type	Number	Application Number:	12358765			
Property Type	Number						
Application Number:	12358765						
CORRESPONDENCE DATA							
Fax Number:	(763)505-2530						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	7635058426						
Email:	jeff.j.hohenshell@medtronic.com						
Correspondent Name:	Jeffrey J. Hohenshell						
Address Line 1:	710 Medtronic Parkway						
Address Line 4:	Minneapolis, MINNESOTA 55432						
ATTORNEY DOCKET NUMBER:	P0027615.05						
NAME OF SUBMITTER:	Jeffrey J. Hohenshell						
Total Attachments: 3 source=EFS_P002761505_Assignment#page1.tif source=EFS_P002761505_Assignment#page2.tif source=EFS_P002761505_Assignment#page3.tif							

CH 12358765 \$40.00

PATENT

500800321

REEL: 022360 FRAME: 0123

ASSIGNMENT

WHEREAS, WE, Timothy R. Ryan and Charles Tabor, are the inventors of MARKERS FOR PROSTHETIC HEART VALVES for which we have executed a patent application which was or is to be filed in the United States Patent and Trademark Office preparatory to obtaining Letters Patent of the United States, on January 23, 2009 with Attorney Docket No. P0027615.05, 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, and in and to any of my interest in parent applications U.S. Provisional Patent Application Serial No. 61/062,207, filed on January 24, 2008; 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 26 day of January, 2009.


Timothy R. Ryan

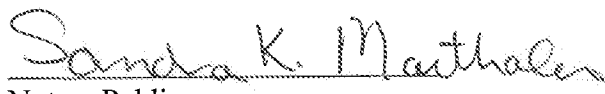
STATE OF MN

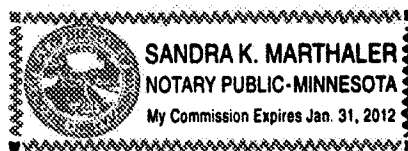
SS.

COUNTY OF Anoka

On this 26th day of January, 2009, before me personally appeared Timothy R. Ryan, 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 26 day of JANUARY, 2009.

Charles Tabor
Charles Tabor

STATE OF MN

ss.

COUNTY OF Anoka

On this 26th day of January, 2009, before me personally appeared Charles Tabor, 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

