

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4855114

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CHARLES P TABOR	06/29/2009
CAROL E EBERHARDT	07/13/2009
TIMOTHY G LASKE	06/30/2009
TIMOTHY R RYAN	07/06/2009
JOSEPH C MORROW	07/09/2009
TAMMY Y TAM	07/07/2009
BRIAN A GLYNN	06/30/2009
ANNE L BRODY RUBIN	07/09/2009
J MICHAEL TUCHEK	07/30/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MEDTRONIC, INC.
<b>Street Address:</b>	710 MEDTRONIC PARKWAY
<b>City:</b>	MINNEAPOLIS
<b>State/Country:</b>	MINNESOTA
<b>Postal Code:</b>	55432
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15099125
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
<b>Phone:</b>	707 566 1375
<b>Email:</b>	kim.grigg@medtronic.com
<b>Correspondent Name:</b>	KIM S GRIGG
<b>Address Line 1:</b>	3576 UNOCAL PLACE
<b>Address Line 4:</b>	SANTA ROSA, CALIFORNIA 95403
<b>ATTORNEY DOCKET NUMBER:</b>	P0027615.USC41
<b>NAME OF SUBMITTER:</b>	WILLIAM L HAYNES

<b>SIGNATURE:</b>	/William L. Haynes Reg. No. 48151/
<b>DATE SIGNED:</b>	03/07/2018
<b>Total Attachments: 13</b> source=P02761502_Assignment#page1.tif source=P02761502_Assignment#page2.tif source=P02761502_Assignment#page3.tif source=P02761502_Assignment#page4.tif source=P02761502_Assignment#page5.tif source=P02761502_Assignment#page6.tif source=P02761502_Assignment#page7.tif source=P02761502_Assignment#page8.tif source=P02761502_Assignment#page9.tif source=P02761502_Assignment#page10.tif source=P02761502_Assignment#page11.tif source=P02761502_Assignment#page12.tif source=P02761502_Assignment#page13.tif	

ASSIGNMENT

WHEREAS, WE, Charles P. Tabor, Carol E. Eberhardt, Timothy G. Laske, Timothy R. Ryan, Joseph C. Morrow, Tammy Y. Tam, Brian A. Glynn, Anne L. Brody Rubin, and Michael J. Tucher are the inventors of STENTS 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, which application was filed on January 23, 2009 as U.S. Patent Application No. 12/321,760; 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 provisional applications U.S. Provisional Patent Application Serial No. 61/062,207, filed on January 24, 2008, and U.S. Provisional Patent Application Serial No. 61/075,902, filed on June 26, 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 29<sup>th</sup> day of JUNE, 2009.

Charles P. Tabor  
Charles P. Tabor

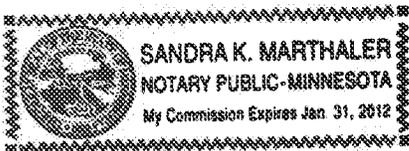
STATE OF MN

ss.

COUNTY OF Anoka

On this 29<sup>th</sup> day of June, 2009, before me personally appeared Charles P. 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

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 13 day of July, 2009.

  
\_\_\_\_\_  
Carol E. Eberhardt

~~STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_~~

ss.

See Attached

~~On this \_\_\_\_\_ day of \_\_\_\_\_, 2009, before me personally appeared Carol E. Eberhardt, 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~~

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

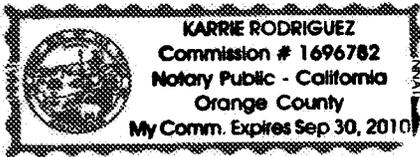
State of California

County of Orange

On July 13, 2009 before me, Karrie Rodriguez, Notary Public

personally appeared Carol Eberhardt

who proved to me on the 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(ies), and that by his/her/their signature(s) on the instrument the 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 foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Karrie Rodriguez

Place Notary Seal Above

**OPTIONAL**

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

**Description of Attached Document**

Title or Type of Document: POD27615.02

Document Date: N/A Number of Pages: N/A

Signer(s) Other Than Named Above: N/A

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: \_\_\_\_\_

- Individual
- Corporate Officer — Title(s): \_\_\_\_\_
- Partner —  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_



Signer Is Representing: \_\_\_\_\_

Signer's Name: \_\_\_\_\_

- Individual
- Corporate Officer — Title(s): \_\_\_\_\_
- Partner —  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_



Signer Is Representing: \_\_\_\_\_

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 30<sup>th</sup> day of June, 2009.

  
Timothy G. Laske

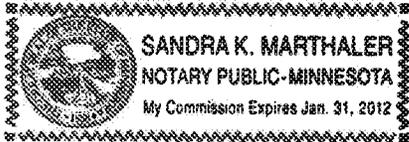
STATE OF MN

ss.

COUNTY OF Anoka

On this 30<sup>th</sup> day of June, 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 6<sup>th</sup> day of July, 2009.

  
Timothy R. Ryan

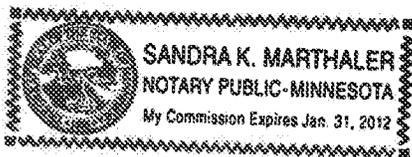
STATE OF MN

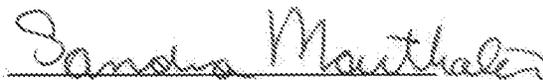
SS.

COUNTY OF Anoka

On this 6<sup>th</sup> day of July, 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 9<sup>th</sup> day of July, 2009.

  
\_\_\_\_\_  
Joseph C. Morrow

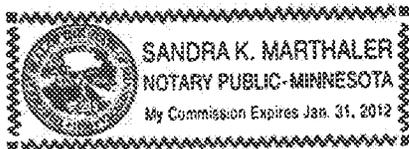
STATE OF MN

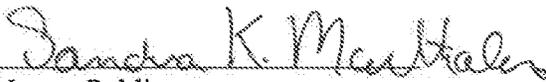
ss.

COUNTY OF Anoka

On this 9<sup>th</sup> day of July, 2009, before me personally appeared Joseph C. Morrow, 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.

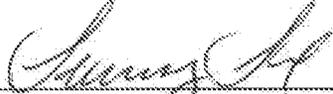
IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.



  
\_\_\_\_\_  
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 7<sup>th</sup> day of July, 2009.

  
\_\_\_\_\_  
Tammy Y. Tam

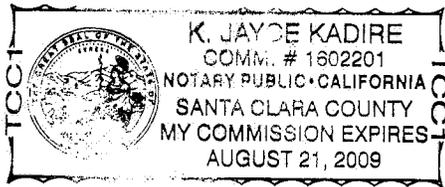
STATE OF California

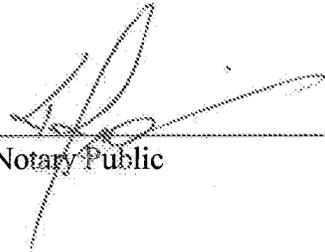
ss.

COUNTY OF SANTA CLARA

On this 7<sup>th</sup> day of July, 2009, before me personally appeared Tammy Y. Tam, 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 30<sup>th</sup> day of June, 2009.

Brian A. Glynn  
Brian A. Glynn

STATE OF \_\_\_\_\_

ss.

COUNTY OF \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2009, before me personally appeared Brian A. Glynn, 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

*Please see attached Acknowledgement as required by California Law*

**ACKNOWLEDGMENT**

State of California  
County of Sonoma

On June 30, 2009 before me, Laura M. Marra-Carrell  
(insert name and title of the officer)

personally appeared Brian A. Glynn  
who proved to me on the 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(ies), and that by his/her/their signature(s) on the instrument the 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 foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Laura M. Marra-Carrell (Seal)



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 \_\_\_\_\_ day of \_\_\_\_\_, 2009.

\_\_\_\_\_  
Anne L. Brody Rubin

STATE OF \_\_\_\_\_

ss.

COUNTY OF \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2009, before me personally appeared Anne L. Brody Rubin, 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

See attached, updated Notary form.  
I officially sign this form:

*Anne L. Brody Rubin*

Anne Rubin (full name: Anne Laster Brody Rubin)

July 9, 2009

**ACKNOWLEDGMENT**

State of California  
County of Santa Clara

On July 9, 2009 before me, Dawn Chang, Notary Public  
(insert name and title of the officer)

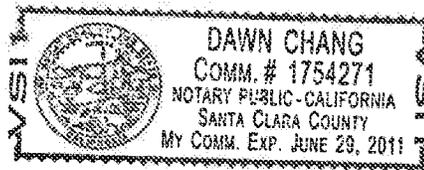
personally appeared Anne Lasker Brody Rubin  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are  
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in  
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the  
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 foregoing  
paragraph is true and correct.

WITNESS my hand and official seal.

Signature Dawn Chang

(Seal)



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 30 day of July, 2009.

[Signature]  
**Michael J. Tuchek**  
J. Michael

STATE OF Illinois  
COUNTY OF Will

ss.

On this 30<sup>th</sup> day of July, 2009, before me personally appeared Michael J. Tuchek, 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.

J.G. Shenouda  
Notary Public

