

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3968195

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	THEODORE CHOW	08/04/2009
RECEIVING PARTY DATA		
Name:	MEDTRONIC, INC.	
Street Address:	710 MEDTRONIC PARKWAY, N.E.	
City:	MINNEAPOLIS	
State/Country:	MINNESOTA	
Postal Code:	55432	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	14747545	
CORRESPONDENCE DATA		
Fax Number:	(651)735-1102	
<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>		
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Correspondent Name:	SHUMAKER & SIEFFERT, P.A.	
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ATTORNEY DOCKET NUMBER:	P032931.USV3/1111-136US02	
NAME OF SUBMITTER:	KAREN SORENSEN	
SIGNATURE:	/Karen Sorensen/	
DATE SIGNED:	07/19/2016	
Total Attachments: 2		
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ASSIGNMENT

WHEREAS, I, Theodore Chow of 12771 Glen Arbor Court, Saratoga, California 95070, am the sole inventor of the invention entitled DETERMINATION OF HEMODYNAMIC INTOLERANCE OF VENTRICULAR PACING, and have executed a nonprovisional patent application based thereon, said nonprovisional application having been filed with the United States Patent and Trademark Office on June 2, 2009, and bearing application no. 12/476,713, and the above-referenced attorney docket number, as well as a provisional patent application based thereon, said provisional application having been filed with the United States Patent and Trademark Office on June 2, 2008, and bearing provisional application no. 61/130,599;

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 N.E., Minneapolis, Minnesota 55432-5640, 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 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 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 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, I am the sole lawful owner 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 I have good right and lawful authority to sell and convey the same in the manner herein set forth, and hereby grant Corporation the right to fill in the serial number and filing date in this document upon their receipt;

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 of 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 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 4 day of August, 2009.


Theodore Chow

ACKNOWLEDGMENT

STATE OF CALIFORNIA

COUNTY OF Santa Clara

On August 4, 2009 before me, Elvis-Rey Abakan, Notary Public
(Insert name and title of the officer)

personally appeared Theodore Chow, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person 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  (Seal)

