PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AMY E. THOMPSON-NAUMAN	04/09/2014
JAMES K. CARNEY	04/08/2014
MELISSA G.T. CHRISTIE	04/08/2014
KENNETH C. GARDESKI	04/08/2014

RECEIVING PARTY DATA

Name:	MEDTRONIC, INC.
Street Address:	710 MEDTRONIC PARKWAY, NE
City:	MINNEAPOLIS
State/Country:	MINNESOTA
Postal Code:	55432

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14293309

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	21819D-393U-C6641.USU1
NAME OF SUBMITTER:	JOHN CHRISTOPHER
SIGNATURE:	/John Christopher/
DATE SIGNED:	06/02/2014

Total Attachments: 5

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PATENT 502833382 REEL: 033008 FRAME: 0518

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> PATENT REEL: 033008 FRAME: 0519

Attorney Docket No.: C00006641.USU1-21819D-393U

ASSIGNMENT OF APPLICATION

Whereas I/we, the below named inventor(s), with residence and citizenship as indicated below, have made an invention in

	OVER-THE-WIRE DELIVERY OF A SUBSTERNAL LEAD
\boxtimes	for which an application for a United States Patent or a U.S. Provisional Application is being filed contemporaneously herewith;
	for which an application for a United States Patent identified as U.S. Patent Application No. ; was filed on ;
	for which an application for a U.S. Provisional Application No. ; was filed on ;
	for which above application claims priority to U.S. Provisional Patent Application No. ; filed on ;
	which application is identified as PCT International Patent Application No.; filed;
	Whereas Medicanic Inc. a corporation organized and existing under the laws of State of Minnesota i

Whereas, Medtronic, Inc., a corporation organized and existing under the laws of State of Minnesota and having a principal place of business at 710 Medtronic Parkway, NE. Minneapolis, MN 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 therefore:

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 and any foreign countries which may be granted therefore including our 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, including the right to enforce such Letters Patent as fully and entirely as the same would have been held and enjoyed by the assignors if this assignment had not been made; together with all claims by assignors for damages by reason of past infringement or for provisional rights and including the right to sue for, and collect the same for its own use and benefit, and for the use and benefit of its successors, assigns, and other legal representatives;

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 sole 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 our 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.

> Attorney Docket No.: C00006641.USU1-21819D-393U Page 1 of 5 Medironic Inc., 710 Medironic Parkway, NE, Minneapolis, MN 55432

I/We do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to said <u>Medtronic</u>, <u>Inc.</u>, as the assignee of the entire right, title, and interest therein.

In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

Given Name (first and middle initial [if any]): Amy E.	Family Name or Surname (last name): THOMPSON-NAUMAN	
Inventor's Signature: Thompson Houman	Date: 9 April 2014	
Residence (City and State): 2154 141" Lane NE	Country: Citizenship:	
Ham Lake, MN 55304	US US	
STATE OF MINNESOTA) ss. COUNTY OF RAMSEY On this day of fine day of fine day of fine above-name and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.		
(Seal) (S	Notary Public	

Given Name (first and middle initial [if any]): James K.	Family Name or Surname (last name): CARNEY		
Inventor's Signature:	Date: April 8,2014		
Residence (City and State): 2515 Snelling Curv	Country:	Citizenship:	
Roseville, MN 55113	US	US	
STATE OF MINNESOTA)			
) SS.			
COUNTY OF RAMSEY) On this Standard day of April 1994, before me personally appeared the above-named,			
On this day of , defore me personally appeared the above-named, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
and who executed the folegoing instrument, as said persons free act and deed, on the day and year aforesaid.			
MADONNIA IO, SCHROEDER Notary Public-Minnesota My Commission Explires Jun 31, 2013	Notary Public Notary Public		

Given Name (first and middle initial [if any]): Melissa G.T.	Family Name or Surname (last name): CHRISTIE		
Inventor's Signature:	Date:		
missa DD Phistic	4814		
Residence (City and State): 13318 Martin St NW	Country:	Citizenship:	
Andover, MN 55304	US	US	
STATE OF MINNESOTA)) ss.			
On this day of			
(Seal) MADONNA M. SOHROFDER S	Notary Public No		

Given Name (first and middle initial [if any]): Kenneth C.	Family Name or Surname (last name): GARDESKI		
Inventor's Signature:	Date: 84/08/2014		
Residence (City and State): 10405 45th Ave N, Apt 213	Country:	Citizenship:	
Plymouth, MN 55442-3401	US	US	
STATE OF MINNESOTA) ss. COUNTY OF RAMSEY) On this day of Aud , 2014, before me personally appeared the above-named ,			
and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal) MADONNA M, SCHROEGER & Notarry Public-Minnesota & St. Commission Bankers Inn S1, 8015	Notary Public	Uly	

RECORDED: 06/02/2014