# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

### **CONVEYING PARTY DATA**

Name	Execution Date
XINGFU CHEN	10/10/2013
BERNARD Q. LI	10/10/2013
RICHARD T. STONE	10/10/2013
DALE F. SEELEY	10/23/2013
ALAN SHI	10/10/2013

### RECEIVING PARTY DATA

Name:	me: 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:	14209799	

### **CORRESPONDENCE DATA**

Fax Number: (651)735-1102

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.

Phone: 651-735-1100

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ATTORNEY DOCKET NUMBER:	1123-094US01/P041397.USU2
NAME OF SUBMITTER:	JENNIFER DALLMAN
SIGNATURE:	/Jennifer Dallman/
DATE SIGNED:	12/20/2018

**Total Attachments: 3** 

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**PATENT REEL: 047828 FRAME: 0508** 

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PATENT REEL: 047828 FRAME: 0509 Attorney Docket No.: 1123-094USP1/P0041397,USP1

### ASSIGNMENT OF APPLICATION(S)

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

****						
	MEDICAL LEADS AND TECHNIQUES FOR MANUFACTURING THE SAME					
	for which an application for a United States Patent or a U.S. Provisional Application is being filed contemporaneously herewith;					
$\boxtimes$	for which an application for a United States Patent identified as U.S. Patent Application No. <b>61/798,365</b> ; was filed on March <b>15</b> , 2013;					
	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;					
ref Un	Whereas, Medironic, Inc., a corporation organized and existing under the laws of the State of Minnesota and ving a principle place of business at 710 Medironic Parkway N.E., Minneapolis, Minnesota 55432-5604, hereinafter erred to as "Corporation," is desirous of acquiring the entire right, title and interest in and to said invention for the lited States and for all foreign countries and in and to any and all foreign and domestic Letters Patent which may be unted 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 application(s) identified above and in and to any application claiming benefit thereto 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

Assignment

Page 1 of 3 Attorney Docket No.: 1123-094USP1/P0041397.USP1 Medironic, Inc., 710 Medironic Parkway, Minneapolis, MN 55432

PATENT REEL: 047828 FRAME: 0510 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/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 Medtronic, Inc., 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]): Xingfu	Family Name or Surname (last name): Chen			
Inventor's Signature:		Date: 10 - 10 - 2013		
City and State: Lino Lakes, MN		Country: USA	Citizenship: US	
STATE OF MINNESOTA )  SS.  COUNTY OF ANOKA )  On this 10th day of 10th 10th 20th 3 said person's free act and deed, on the day and year aforesaid.				
(Seal) THERESA C. TO S JALLSO C. JV  Notary Public Minnesota Notary Public  My Commission Expires Jain 31, 8018 S				
Given Name (first and middle initial [if any]):	Comits X	ame or Surname (las		
Bernard Q.	Li	ame or owname (185	ensue).	
Inventor's Signature:   Date:   10 - 10 - 2013			0-2013	
Residence (City and State): Plymouth		Country: USA	Citizenship: US	
STATE OF MINNESOTA )  SS.  COUNTY OF ANOKA )  On this / O day of O COUNTY OF ANOKA )  On this / O day of O COUNTY OF ANOKA )  and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal)  Notary Public Minnesota Notary Public Notary Public Notary Public Notary Public Notary Public				

Given Name (first and middle initial [if any]): Richard T.	Family N Stone	ame or Surname (last name):		
Inventor's Signature:	5	Date: October	(0,20/3 Citizenship:	
Residence (City and State): Minneapolis, MN	oo.	Country: USA	Citizenship: US	
STATE OF MINNESOTA )  ss.  COUNTY OF ANOKA )  On this ( day of				
(Seal) THERESA C. TO Solve Public-Minnesota Solve Solv		Mulba C. DC Notary Public		
Given Name (first and middle initial [if any]): Dale F.	Family N Seeley	ame or Surname (last name):		
Inventor's Signature: Flelry		Date: Ct Tober 3	23, 2013	
Residence (City and State): Spring Park, MN		Country: USA	Citizenship: US	
STATE OF MINNESOTA )    SS.     COUNTY OF ANOKA     On this 23rd day of 00000				
Given Name (first and middle initial [if any]): Alan	Family N	(ame or Surname (last name):		
Inventor's Signature:	.la	Date: /0/10/	Z013	
Residence (City and State): Plymouth, MN	*****************	Country: USA	Citizenship: US	
STATE OF MINNESOTA )  ss.  COUNTY OF ANOKA )  On this 10 to day of 0 ctobus  and who executed the foregoing instrument, as sai	id person's	, 20/3, before me persor free act and deed, on the day ar	nally appeared the above-named , id year aforesaid.	
(Sea THERESA C. TO Sea Notary Public Minnesotis My Commission Expires Jen 3), 2015		1 husa C - 20 Notary Public	-	

Assignment

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