## 506197904 08/11/2020

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date
MARK T. MARSHALL	04/30/2015
AMY E. THOMPSON-NAUMAN	04/30/2015
MELISSA G.T. CHRISTIE	04/30/2015
GONZALO MARTINEZ	05/05/2015
KEVIN R. SEIFERT	05/11/2015

#### **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:	16990321

### **CORRESPONDENCE DATA**

Fax Number:

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:** 763-526-3539

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Correspondent Name: MEDTRONIC, INC. (CVG)
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ATTORNEY DOCKET NUMBER:	C00007272US01CON/1111-571	
NAME OF SUBMITTER:	CAITLIN E. FITZPATRICK	
SIGNATURE:	/Caitlin E. FitzPatrick/	
DATE SIGNED:	08/11/2020	

**Total Attachments: 3** 

PATENT REEL: 053457 FRAME: 0720 source=C00007272US01CON\_Assignment#page1.tif source=C00007272US01CON\_Assignment#page2.tif source=C00007272US01CON\_Assignment#page3.tif

> PATENT REEL: 053457 FRAME: 0721

Attorney Docket No.: C00007272.USU2

#### ASSIGNMENT OF APPLICATION(S)

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

EXTRAVASCULAR LEAD DESIGNS FOR OPTIMIZED PACING AND SENSING HAVING

	SEGMENTED, PARTIALLY ELECTRICALLY INSULATED DEFIBRILLATION COILS
	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.; 14/695,167 was filed on April 24, 2015;
	for which an application for a U.S. Provisional Application No. ; was filed on ;
$\boxtimes$	for which above application claims priority to U.S. Provisional Patent Application No. 62/075,376; filed on November 5, 2014;
$\boxtimes$	for which above application claims priority to U.S. Provisional Patent Application No. 62/089,603; filed on December 9, 2014;
	which application is identified as PCT International Patent Application No.; filed;

Whereas, Medtronic, Inc., a corporation organized and existing under the laws of the State of Minnesota and having a principle place of business at 710 Medtronic Parkway N.E., Minneapolis, Minnesota 55432-5604, 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 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

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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/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]): Family Name or Surname (last name):				
Mark T. MARSHA				
Inventor's Signature:		Date: 30 APR 2015		
City and State: /		Country:	Citizenship:	
Forest Lake, Minnesota		US	US	
STATE OF MINNESOTA )  State OF MINNESOTA )				
(Scal)  Notary Public State of Minnesota My Commission Expires January 31, 2020  Notary Public				
January 31, 2020	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	***************************************		
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Given Name (first and middle initial [if any]):	Family N	lame or Surname (last name)	;;	
Given Name (first and middle initial [if any]): Amy E.	Family N	lame or Surname (last name)	;	
Given Name (first and middle initial [if any]):	Family N	lame or Surname (last name) SON-NAUMAN Date:	a) C	
Given Name (first and middle initial [if any]): Amy E. Inventor's Signature:	Family N	lame or Surname (last name)		
Given Name (first and middle initial [if any]): Amy E.	Family N	lame or Surname (last name) SON-NAUMAN Date:	a) C	
Given Name (first and middle initial [if any]):  Amy E.  Inventor's Signature:  Kesidency (City and State):	Family N THOMP	Date:  Country: US  Date:  April 20  Country: US	O/S Citizenship: US sonally appeared the above-named,	

		O Company (1 and a company)	000000000000000000000000000000000000000
Given Name (first and middle initial [if any]): Melissa G.T.	CHRISTI	me or Surname (last name):  E	Q
Inventor's Signature:	L	Date:	
Milissa DD Chartle	***************************************	4/30/15	3000
		Country:	Citizenship:
Residence (City and State): Andover, Minnesota		US	US
STATE OF MINNESOTA )			800
COUNTY OF RAMSEY ) ss.			
On this 30th day of 7012		1015 before me person	ally appeared the above-named,
and who executed the foregoing instrument, as sai	d person's fr	ee act and deed, on the day an	id year aforesaid.
\$0000000000000000000000000000000000000	•	1 1	ě
MADONNA M. SCHROEDER	*3	NSWI	A
(Seal) State of Misses			
1 Washing ministing Evolution		Notary Public	
January 31 2020	***************************************	······································	
Given Name (first and middle initial [if any]):	Family Na	me or Surname (last name):	
Gonzalo	MARTIN	EZ	
Inventer's Signature:	·i	Date:	
Inventor's Signature:		5 May 2015	
Residence (City and State):		Country:	Citizenship:
Mendota Heights, Minnesota		US	US
STATE OF MINNESOTA )			
) ss.			
COUNTY OF BAMSEY )		Ac.	
On this 75th day of 10th		, before me persor	nally appeared the above-named,
and who executed the foregoing instrument, as sai	id person's fi -	ree act and deed, on the day as	nd year aforesaid.
MADONNA M. SCHROEDEI	₹	16.1	
(Seal) Notary Public State of Minnesota	8	MXMMM	
My Commission Expires January 31, 2020		Notary Public	
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Given Name (first and middle initial [if any]):  Kevin R.	Family No	ame or Surname (last name):	
	CARRE EDIA		
Inventor Mignature:		Date: //MAYZC	15
14(21)			
Residence (City and State): Forest Lake, Minnesota		Country: US	Citizenship: US
1 Olost Lake, Willingora		~~~	
STATE OF MINNESOTA )			
) ss. COUNTY OF RAMSEY)			
On this day of		AND halora ma raven	nally appeared the above-named,
and who executed the foregoing instrument, as sa	id person's f	ree act and deed, on the day a	nd year aforesaid.
	5885ng	<i>k</i> .	n
MADONNA M. SCHROEDER Notary Public	X	1 107.1.	1
(Seal) State of Minnesota My Commission Expires	188 <sub>20</sub> 100		<u> </u>
January 31, 2020		Notary Public	<b>0</b>
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Page 3 of 3 Medtronic, Inc., 710 Medtronic Parkway, Minneapolis, MN 55432 Attorney Docket No.: C00007272.USU2