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# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5956223

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

# **CONVEYING PARTY DATA**

Name	Execution Date
DAVID A. ANDERSON	12/15/2016
MARK T. MARSHALL	12/15/2016
VLADIMIR P. NIKOLSKI	12/12/2016
ROBERT T. SAWCHUK	12/12/2016
AMY E. THOMPSON-NAUMAN	12/12/2016
JOHN D. WAHLSTRAND	12/12/2016
GREGORY A. YOUNKER	12/12/2016

# **RECEIVING PARTY DATA**

Name:	MEDTRONIC, INC. (CVG)
Street Address:	8200 CORAL SEA STREET NE.
Internal Address:	MS: MVC22
City:	MOUNDS VIEW
State/Country:	MINNESOTA
Postal Code:	55112

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16786087

# **CORRESPONDENCE DATA**

(651)367-0471 Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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MICHAEL J. OSTROM **Correspondent Name:** 

Address Line 1: 8200 CORAL SEA STREET NE.

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Address Line 4: MOUNDS VIEW, MINNESOTA 55112

ATTORNEY DOCKET NUMBER:	C00012104US02CON	
NAME OF SUBMITTER:	MADONNA M. SCHROEDER	
SIGNATURE:	/Madonna M. Schroeder/	

**REEL: 051779 FRAME: 0803** 505909506

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Total Attachments: 4
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PATENT REEL: 051779 FRAME: 0804

Attorney Docket No.: C00012104.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

# EXTRA-CARDIOVASCULAR PACING BY AN IMPLANTABLE CARDIOVERTER DEFIBRILLATOR ☐ 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. 15/367,516; was filed on December 2, 2016; ☐ 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.62/262,499; filed on December 3, 2015; ☐ which application is identified as PCT International Patent Application No.; filed;

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

Assignment Page 1 of 4
Medtronic, Inc., 710 Medtronic Parkway, Minneapolis, MN 55432

Attorney Docket No. C00012104.USU2

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]):  David A.	Family Name or Surname (last name): ANDERSON		
Inventor's Signature:	1	Date: / 5 ~	Dec - 2016
City and State: Stanchfield, Minnesota		Country: US	Citizenship: US
STATE OF MINNESOTA  ) ss.  COUNTY OF RAMSEY  On this 151 day of 12000 2016, 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)  MOLLY CHLEBECK Notary Public  Notary Public			
Given Name (first and middle initial [if any]):	Family N	ame or Surname (las	name)
Mark T.	MARSH		· ····································
Inventor's Signature //		Date: 15 De C	2016
Residence (City and State): Forest Lake, Minnesota		Country: US	Citizenship: US
STATE OF MINNESOTA )  SS.  COUNTY OF RAMSEY )  On this 15 <sup>11</sup> day of DCUMBA , 2016, 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)  MOLLY CHLEBECK Notary Public-Minnesota Notary Public Notary Public			
(Seal) Notary Public-Minnes My Commission Expires Jan 31	2021	Notary Public	

Given Name (first and middle initial [if any]):  Vladimir P.	Family N NIKOL	ame or Surname (last name SKI	):
Inventor's Signature:		Date: 20/6-/.	2-12_
Residence (City and State): Blaine, Minnesota		Country: US	Citizenship: US
STATE OF MINNESOTA ) ) ss.			
On this Had day of Deciment and who executed the foregoing instrument, as sa	id person's	1014, before me per free act and deed, on the day	sonally appeared the above-named,
(Seal)  MADONNA M. SCHROEDE  Notary Public  State of Minnesota My Commission Expires  January 31, 2020	R	Notary Public	
Given Name (first and middle initial [if any]):	X00 <sup>0</sup>	ame or Surname (last name	);
Robert T.	SAWCI		
Inventor's Signature Sawdy		Date: DEZ - 12 - 20	76
Residence (City and State): Roseville, Minnesota		Country: US	Citizenship: US
STATE OF MINNESOTA )	***************************************	<u></u>	
On this 1 day of December and who executed the foregoing instrument, as sa	id person's	, 2016, before me per free act and deed, on the day	sonally appeared the above-named , v and year aforesaid.
(Seal)  MADONNA M. SCHROEDER Notary Public State of Minnesota My Commission Expires January 31, 2020		Notary Public	<u>4</u>
Given Name (first and middle initial [if any]):  Amy E.		ame or Surname (last name PSON-NAUMAN	);
Inventor's Signature:		Date: 12 NFC 201	,
Residence (City and State): Ham Lake, Minnesota	27	/2 DEC 20/ Country: US	Citizenship: US
STATE OF MINNESOTA )		<u> </u>	
On this day of day of and who executed the foregoing instrument, as sa	id person's	2016, before me per free act and deed, on the day	sonally appeared the above-named,
(Seal)  MADONNA M. SCHROEDER Notary Public State of Minnesota My Commission Expires January 31, 2020	-	Notary Public	Ť

Given Name (first and middle initial [if any]):  John D.	Family Name or Surname (last name): WAHLSTRAND		
Inventor's Signature:	Date:	120862016   Citizenship:	
Residence (City and State): Shoreview, Minnesota	Country: US	Citizenship: US	
STATE OF MINNESOTA )  SS.  COUNTY OF RAMSEY )  On this day of Olow Pollo, 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. SCHROEDER Notary Public  State of Minnesota My Commission Expires  Johnson Expires  Notary Public			
Given Name (first and middle initial [if any]):	Family Name or Surna	me (last name):	
Gregory A.	YOUNKER		
Inventor's Signature:  Chiany A Your	Date:	12-2016	
Residence (City and State): White Bear Township, Minnesota	Country: US	Citizenship: US	
STATE OF MINNESOTA ) ) ss.  COUNTY OF RAMSEY) On this How day of Alculus and who executed the foregoing instrument, as sai	Jolles, id person's free act and de	before me personally appeared the above-named, ed, on the day and year aforesaid.	

(Seal)

Budy

RECORDED: 02/11/2020

MADONNA M. SCHROEDER Notary Public State of Minnesota My Commission Expires January 31, 2020