# PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3716604

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MATTHEW R. YODER	01/27/2016
BO ZHANG	01/27/2016
GARY P. KIVI	01/27/2016
RICHARD A. SANDEN	01/27/2016

#### **RECEIVING PARTY DATA**

Name:	MEDTRONIC, INC.	
Street Address:	710 MEDTRONIC PARKWAY, N.E.	
City:	MINNEAPOLIS	
State/Country:	MINNESOTA	
Postal Code:	55432-5604	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15009505

## **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: 763-505-5000

Email: medtronic\_crdm\_docketing@cardinal-ip.com

MEDTRONIC, INC. (CRDM) **Correspondent Name:** 710 MEDTRONIC PARKWAY NE Address Line 1: Address Line 2: MS: LC340 LEGAL PATENTS

Address Line 4: MINNEAPOLIS, MINNESOTA 55432-9924

ATTORNEY DOCKET NUMBER:	C00011290_USU1
NAME OF SUBMITTER:	DEIDRA D. RITCHERSON
SIGNATURE:	/Deidra D. Ritcherson/
DATE SIGNED:	01/28/2016

**Total Attachments: 4** 

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> **PATENT REEL: 037613 FRAME: 0989** 503669969

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PATENT REEL: 037613 FRAME: 0990

Attorney Docket No.: C00011290.USU1

### ASSIGNMENT OF APPLICATION(S)

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

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	TELEMETRY OVERUSE REDUCTION IN AN IMPLANTABLE DEV	ICE	
	for which an application for a United States Patent or a U.S. Provisional Application is becontemporaneously herewith;	eing filed	
	for which an application for a United States Patent identified as U.S. Patent Application 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. which application is identified as PCT International Patent Application No.; filed;	No.; was filed on ; ; filed on	ç
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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.

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Assignment

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): Yoder Matthew R. Inventor's Signature: Date: Citizenship: City and State Country Crystal, MN US US STATE OF MINNESOTA COUNTY OF RAMSEY before me personally appeared the above-named. On this day of and who executed the foregoing instrument, as Aid person's free act and deed, on the day and year aforesaid. MADONNA M. SCHROEDER Notary Public (Seal) State of Minnesota Notary Public My Commission Expires January 31, 2020 Given Name (first and middle initial [if any]): Family Name or Surname (last name): Zhang Inventor's Signature: Date: 2016 City and State: Country: Citizenship: US Blaine, MN US STATE OF MINNESOTA ) COUNTY OF RAMSEY , 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. MADONNA M. SCHROEDER Notary Public State of Minnesota (Seal) My Commission Expires Notary Public January 31, 2020

Inventor's Signature:  A A A A A A A A A A A A A A A A A A A		Family Name or Surname (last name): Kivi			
Residence (City and State): Maple Grove, MN  STATE OF MINNESOTA ) Ss. COUNTY OF RAMSEY On this day of day of day of day of and who executed the foregoing instrument, as faid person's free act and deed, on the day and year aforesaid.  MADONNA M. SCHROEDER Notary Public  Citizenship: US  Citizenship: US  STATE OF MINNESOTA  On this day of	tor's Signature: Any 1 Km	Date: 27-5 an - 2016			
On this day of Jaway , Jolle, before me personally appeared the above and who executed the foregoing instrument, as faid person's free act and deed, on the day and year aforesaid.  MADONNA M. SCHROEDER Notary Public	ence (City and State):				
State of Minnesota My Commission Expires Notary Public January 31, 2020					

Given Name (first and middle initial [if any]): Richard A.	Family Ni Sanden	Family Name or Surname (last name): Sanden	
Inventor's Signature:		Date:	
Residence (City and State): Woodbury, MN		Country: US	Citizenship: US
STATE OF MINNESOTA )  ) ss.  COUNTY OF ANOKA )  On this day of,, 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)		Notary Public	

Given Name (first and middle initial [if any]): Gary P.	Family Name or Surname (last nam Kivi	ne):
Inventor's Signature:	Date: 27 - 5 a	in - 2016
Residence (City and State): Maple Grove, MN	Country: US	Citizenship: US
STATE OF MINNESOTA )  S5.  COUNTY OF RAMSEY )  On this	iid person's free act and deed, on the d	personally appeared the above-named , day and year aforesaid.

Given Name (first and middle initial [if any]):	Family Name or Surname (last name):			
Richard A.	Sanden			
	l			
Inyantor's Signature:		Date:	3	
and William	Serv.	27-16	v -90/6	
Residence (City and State):	***************************************	Country:	Citizenship:	
Woodbury, MN		US	US .	
* .				
STATE OF MINNESOTA )				
) ss.				
COUNTY OF ANOKA )				
On this 27 day of JANUARY 2016, before me personally appeared the above-named,				
and who executed the foraction instrument us said person's free act and deed, on the day and year aforesaid.				
MARY E NETZLOFF				
Notary Public				
Minnesota	(			
(Scal) \ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\				
Jan 31, 2020	ľ	Notary Rublic ///	2/L (/ 0 1	
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