505287783 01/21/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEVEN T. DEININGER	08/07/2013
MICHAEL J. BAADE	08/07/2013
RAJESH V. IYER	08/07/2013

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:	16247950

CORRESPONDENCE DATA

Fax Number: (770)643-8913

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: 7706438912

Email: jeramie@witherskeys.com

Correspondent Name: MEDTRONIC-WK **Address Line 1:** P.O. BOX 71355

Address Line 4: MARIETTA, GEORGIA 30007-1355

ATTORNEY DOCKET NUMBER:	P0039128.USC15
NAME OF SUBMITTER:	JERAMIE J. KEYS
SIGNATURE:	/Jeramie J. Keys/
DATE SIGNED:	01/21/2019

Total Attachments: 4

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PATENT 505287783 REEL: 048068 FRAME: 0963

Attorney Docket No.: P0039128.USN2

ASSIGNMENT OF APPLICATION

WHEREAS, WE,

- (1) <u>Steven T. Deininger</u>, residing at Blaine, Minnesota;
- (2) Michael J. Baade, residing at Zimmerman, Minnesota, and
- (3) Rajesh V. Iyer, residing at Eden Prairie, Minnesota;

have made an invention relating to <u>Implantable Medical Devices and Related Connector Enclosure Assemblies Utilizing Conductors Electrically Coupled to Feedthrough Pins</u>, for which we have executed an application for Letters Patent of United States of America,

	for which an application for a United States Patent is being filed contemporaneously herewith;
\boxtimes	for which an application for a United States Patent identified as U.S. Patent Application No. 13/981,264, was filed on July 23, 2013;
\boxtimes	for which above application claims priority to U.S. Provisional Patent Application No. 61/436,600, filed on January 26, 2011;
\boxtimes	which application is identified as PCT International Patent Application No. PCT/US2012/022071, filed January 20, 2012;

Whereas, <u>Medtronic</u>, <u>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>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 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.

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]): Steven T.	Family Name or Surname (las Deininger	st name):
Inventor's Signature:	Date:	7-2013
City and State:	Country:	Citizenship:
Blaine, MN	USA	US
STATE OF MINNESOTA)) ss. COUNTY OF ANOKA On this And day of Manager 1, 20 and who executed the foregoing instrument, as sa THERESA C Notary Public Minnesoto Bassins da My Commission Bassins da	id person's tree act and deed, on TO	the day and year aforesaid.

REEL: 048068 FRAME: 0965

Given Name (first and middle initial [if any]): Michael J.	Family Name or Surname (1 Baade	ast name):
Inventor's Signature:	Date: 8-7	-2013
City and State:	Country:	Citizenship:
Zimmerman, MN	USA	US
STATE OF MINNESOTA)) ss. COUNTY OF ANOKA) On this 7 day of 2 201 who executed the foregoing instrument, as said pe THERESA C. TO (Seal) Notary Public-Minnesota My Commission Expires Jan 31, 201	erson's free act and deed, on th	e day and year aforesaid.

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Given Name (first and middle initial [if any]): Rajesh V.	Family Name or Surname (last Iyer	name):
Inventor's Signature:	Date: 07	Aug 2013
City and State: Eden Prairie	Country: USA	Citizenship: US
STATE OF MINNESOTA) ss. COUNTY OF ANOKA) On this Head and another day of ano	person's free act and deed, on the d	ay and year aforesaid.

RECORDED: 01/21/2019

REEL: 048068 FRAME: 0967