

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4092875

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MARTIN T. GERBER	09/13/2016
CHRISTOPHER M. HOBOT	09/13/2016
DAVID B. LURA	09/13/2016
KANJIMPUREDATHIL MURALIKRISHNA MENON	09/19/2016
KAUSTUBH R. PATIL	09/19/2016
MAHESH PARAMESWARAN	09/19/2016
ROHIT KUMAR NARULA	09/19/2016
RAMKUMAR JEYACHANDRAN	09/19/2016
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:	15143458
CORRESPONDENCE DATA	
Fax Number:	(203)821-2183
<i>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.</i>	
Phone:	203-492-5000
Email:	SurgicalUS@covidien.com, medtronic_mitg-rcs_docketing@cardinal-ip.com
Correspondent Name:	MEDTRONIC, INC.
Address Line 1:	555 LONG WHARF DRIVE
Address Line 2:	MAILSTOP 8 N-1, LEGAL DEPARTMENT
Address Line 4:	NEW HAVEN, CONNECTICUT 06511
ATTORNEY DOCKET NUMBER:	C00010951USI1_29099CIPCIP
NAME OF SUBMITTER:	KENNETH J. COLLIER

SIGNATURE:	/Kenneth J. COLLIER, Reg. #34982/
DATE SIGNED:	10/12/2016
Total Attachments: 9 source=C00010951Assignment#page1.tif source=C00010951Assignment#page2.tif source=C00010951Assignment#page3.tif source=C00010951Assignment#page4.tif source=C00010951Assignment#page5.tif source=C00010951Assignment#page6.tif source=C00010951Assignment#page7.tif source=C00010951Assignment#page8.tif source=C00010951Assignment#page9.tif	

ASSIGNMENT

WHEREAS, Martin T. Gerber, Christopher M. Hobot and David B. Lura, Kanjimpuredathil Muralikrishna Menon, Kaustubh R. Patil, Mahesh Parameswaran, Rohit Kumar Narula and Ramkumar Jeyachandran are the inventors of RECHARGER FOR RECHARGING ZIRCONIUM PHOSPAHTE AND ZIRCONIUM OXIDE MODULES for which they have executed a Continuation application for filing in the United States Patent and Trademark Office preparatory to obtaining Letters Patent of the United States. The invention was disclosed in the following patent applications:

U.S. 15/143,458
PCT/US2016/030304

Filed April 29, 2016
Filed April 29, 2016

WHEREAS, MEDTRONIC, INC. a corporation organized and existing under the laws of the State of Minnesota and having a principal place of business at 710 Medtronic Parkway N.E., Minneapolis, Minnesota 55432 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 therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I 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 therefor including my 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 behalf and use and behalf 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;


AND, for the consideration aforesaid, I materially represent to Corporation, its successors and assigns, that at the time of the execution and delivery of these presents, I am 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 I have good right and lawful authority to sell and convey the same in the manner herein set forth;

AND, for the consideration aforesaid, I 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, I, or my 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.

ATTORNEY DOCKET: C00010951US1(MED-29099/CIP/CIP)
U.S. Application Serial No.: 15/143,458

I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Corporation in accordance with this instrument.

IN WITNESS WHEREOF, I have hereunto set my hand on this 13th day of Sept, 2016.


Martin T. Gerber

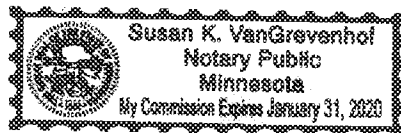
STATE OF Minnesota
COUNTY OF Anoka

SS.

On this 13th day of September, 2016, before me, Susan K. VanGrevenhof, Notary Public, personally appeared Martin T. Gerber, personally known to me (or provided to me on the basis of satisfactory evidence) to be the person(s) whose name is subscribed to within the instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity, and that by his/her/their signature on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.

SEAL:




Signature of Notary Public
My Commission Expires: January 31, 2020

ATTORNEY DOCKET: C00010951USH(MED-29099/CIP/CIP)
U.S. Application Serial No.: 15/143,458

I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Corporation in accordance with this instrument.

IN WITNESS WHEREOF, I have hereunto set my hand on this 13th day of September, 2016.

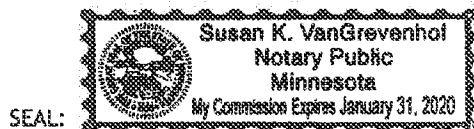

Christopher M. Hobot

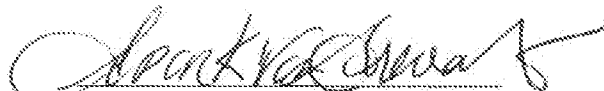
STATE OF Minnesota
COUNTY OF Anoka

SS.

On this 13th day of September, 2016, before me, Susan K. VanGrevanhol, Notary Public, personally appeared Christopher M. Hobot, personally known to me (or provided to me on the basis of satisfactory evidence) to be the person(s) whose name is subscribed to within the instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity, and that by his/her/their signature on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.

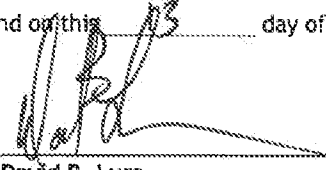



Signature of Notary Public
My Commission Expires: January 31, 2020

ATTORNEY DOCKET: C00010951US11(MED-29099/CIP/CIP)
U.S. Application Serial No.: 15/143,458

I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Corporation in accordance with this instrument.

IN WITNESS WHEREOF, I have hereunto set my hand on this 13 day of Sept, 2016.


David B. Lura

STATE OF

Minnesota

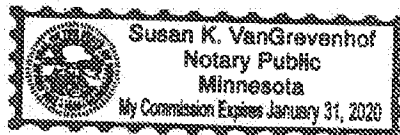
SS.

COUNTY OF

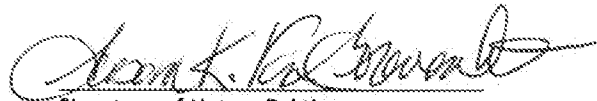
Anoka

On this 13th day of September, 2016, before me, Susan K. VanGrevenhof, Notary Public, personally appeared David B. Lura, personally known to me (or provided to me on the basis of satisfactory evidence) to be the person(s) whose name is subscribed to within the instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity, and that by his/her/their signature on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.



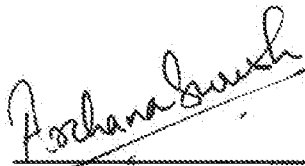
SEAL:


Signature of Notary Public
My Commission Expires: January 31, 2020

ATTORNEY DOCKET: C00010951US11(MED-29099/CIP/CIP)
U.S. Application Serial No.: 15/143,458

I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Corporation in accordance with this instrument.

IN WITNESS WHEREOF, I have hereunto set my hand on this 19th day of SEPTEMBER, 2016.



Witness Signature

19/9/2016
Date



Kanjimpuredathil Muralikrishna Menon

ARCHANA SURESH

Witness Print Name



Witness Signature

19/09/2016
Date

NANDINI RAVI

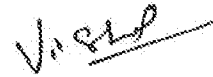

Witness Print Name

ATTORNEY DOCKET: C00010951US11(MED-29099/CIP/CIP)
U.S. Application Serial No.: 15/143,458

I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Corporation in accordance with this instrument.

IN WITNESS WHEREOF, I have hereunto set my hand on this 19th day of September, 2016.


Kaustubh R. Patil


 Witness Signature	<u>19th Sept '16</u> Date	<u>VISHAL CHANDRA HARUPIKA</u> Witness Print Name
 Witness Signature	<u>19 Sep 2016</u> Date	<u>PRADIP KUMAR</u> Witness Print Name

ATTORNEY DOCKET: C00010951USI1(MED-29099/CIP/CIP)
U.S. Application Serial No.: 15/143,458


I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Corporation in accordance with this instrument.

IN WITNESS WHEREOF, I have hereunto set my hand on this 19th day of September, 2016.


Mahesh Parameswaran

 19/sept/16
Witness Signature Date

VISHAL CHANDRA HARUPKA
Witness Print Name

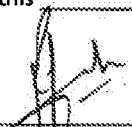
 19/sept/16
Witness Signature Date

PIYUSH BHAGERIYA
Witness Print Name

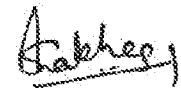
ATTORNEY DOCKET: C00010951US1(MED-29099/CIP/CIP)
U.S. Application Serial No.: 15/143,458

I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Corporation in accordance with this instrument.


IN WITNESS WHEREOF, I have hereunto set my hand on this _____ day of _____, 2016.



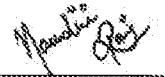
Rohit Kumar Narula

 19 Sept. 2016

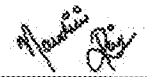
Witness Signature Date

 Shweta Lakhe

Witness Print Name

 19 Sept. 2016

Witness Signature Date

 NANDINI RAVI

Witness Print Name

ATTORNEY DOCKET: C00010951US11(MED-29099/CIP/CIP)
U.S. Application Serial No.: 15/143,458

I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Corporation in accordance with this instrument.

IN WITNESS WHEREOF, I have hereunto set my hand on this 19th day of September, 2016.

[Signature] 19-SEP-16
Witness Signature Date

[Signature] 19-SEP-2016
Witness Signature Date

[Signature]
Ramkumar Jeyachandran

RATHNAKARAN
Witness Print Name

ROHITH M.P
Witness Print Name