

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3178215

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MARTIN GERBER	12/17/2014
JOHN BYRNES	12/17/2014
SUPING LYU	12/16/2014
VENKATESH MANDA	01/08/2015
BRYANT PUDIL	12/17/2014
RECEIVING PARTY DATA	
Name:	MEDTRONIC, INC.
Street Address:	710 MEDTRONIC PARKWAY
Internal Address:	LC340
City:	MINNEAPOLIS
State/Country:	MINNESOTA
Postal Code:	55432
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14554338
CORRESPONDENCE DATA	
Fax Number:	(763)505-2530
<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:	763-505-2523
Email:	juanita.traufler@medtronic.com
Correspondent Name:	MEDTRONIC, INC.
Address Line 1:	710 MEDTRONIC PARKWAY
Address Line 2:	LC340
Address Line 4:	MINNEAPOLIS, MINNESOTA 55432
ATTORNEY DOCKET NUMBER:	P0041417USV8/MED29054DIV2
NAME OF SUBMITTER:	KENNETH J. COLLIER
SIGNATURE:	/Kenneth J. Collier/
DATE SIGNED:	01/12/2015

Total Attachments: 11

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**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Martin GERBER

Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) December 17, 2014

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Medtronic, Inc.

Internal Address: LC340

Street Address: 710 Medtronic Parkway

City: Minneapolis

State: MN

Country: US Zip: 55432

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No. (s)

B. Patent No. (s)

14/554,338

Additional numbers attached? ☐ Yes ☐ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Kenneth J. Collier

Internal Address: LC340

Street Address: 710 Medtronic Parkway

City: Minneapolis

State: MN Zip: 55432

Phone Number: 763-505-2521

Docket Number: P0041417.USV8/MED-29054/DIV2

Email Address: ken.collier@medtronic.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ _____

- ☐ Authorized to be charged to deposit account
☐ Enclosed
☒ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number _____

Authorized User Name _____

9. Signature: /Kenneth J. Collier/

January 12, 2015

Signature

Date

Kenneth J. Collier

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

12

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office. Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

John BURNES

Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) December 17, 2014

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1. Name of conveying party(ies)

SuPing LYU

Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) December 16, 2014

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

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1. Name of conveying party(ies)

VenKatesh MANDA

Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) January 8, 2015

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
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☐ Executive Order 9424, Confirmatory License
☐ Other _____

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Bryant PUDIL

Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

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Execution Date(s) December 17, 2014

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ASSIGNMENT

WHEREAS, Martin Gerber, John Burnes, SuPing Lyu, VenKatesh Manda and Bryant Pudil, are the inventors of Monitoring Fluid Volume for Patients with Renal Disease for which they have executed an 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. 14/554,338	Filed November 26, 2014
U.S. 14/554,272	Filed November 26, 2014
PCT/US2012/034329	Filed April 19, 2012
U.S. 13/424,467	Filed March 20, 2012
U.S. 61/480,530	Filed April 29, 2011

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;

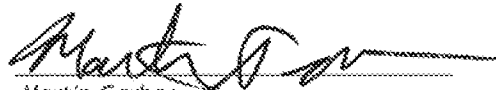
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I have sold, assigned, transferred and set over and by these presents do sell, assign, transfer and set over unto Corporation, its successors and assigns, the entire right, title and interest 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 or 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.

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 17 day of
December, 2014.


Martin Gerber

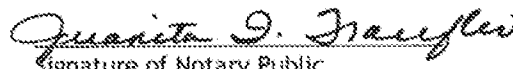
STATE OF Minnesota

ss.

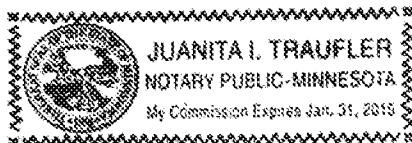
COUNTY OF Anoka

On this 17th day of December, 2014, before me, Juanita I. Trautler
Notary Public, personally appeared Martin 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.


Signature of Notary Public
My Commission Expires: Jan. 31, 2015

SEAL:



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 17th day of December, 2014.

John Burnes
John Burnes

STATE OF Minnesota

ss.

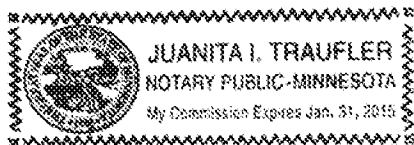
COUNTY OF Anoka

On this 17th day of December, 2014, before me, Juanita I. Trautler, Notary Public, personally appeared John Burnes, 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.

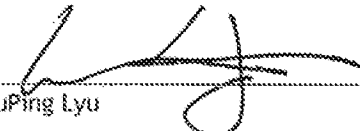
Juanita I. Trautler
Signature of Notary Public
My Commission Expires: Jan. 31, 2015

SEAL:



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 16 day of December, 2014.


SuPing Lyu

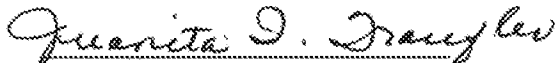
STATE OF Minnesota

SS.

COUNTY OF Anoka

On this 16th day of December, 2014, before me, Juanita I. Trautler, Notary Public, personally appeared SuPing Lyu, 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: Jan. 31, 2015

SEAL:



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 8th day of December January, 2015.



VenKatesh Manda

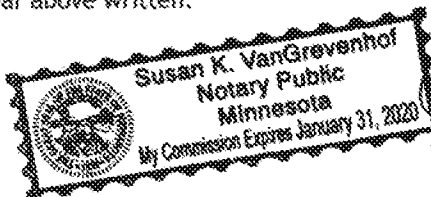
STATE OF Minnesota

ss.

COUNTY OF Linn

On this 8th day of January, 2015, before me, Susan K. VanGrevenhof, Notary Public, personally appeared VenKatesh Manda, 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.




Susan K. VanGrevenhof
Signature of Notary Public
My Commission Expires: January 31, 2020

SEAL:

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 17th day of December, 2014.


Bryant Pudil

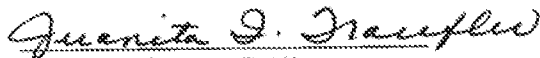
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SS.

COUNTY OF Anoka

On this 17th day of December, 2014, before me, Juanita I. Trautler, Notary Public, personally appeared Bryant Pudil, 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: Jan. 31, 2015

SEAL:

