

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3829534

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MARTIN T GERBER	04/13/2016
SUPING LYU	04/13/2016
BRYANT J PUDIL	04/13/2016
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:	15067559
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:	JUANITA I. TRAUFLER
Address Line 1:	710 MEDTRONIC PARKWAY
Address Line 2:	LC340
Address Line 4:	MINNEAPOLIS, MINNESOTA 55432
ATTORNEY DOCKET NUMBER:	P0041858USC4/MED29057US
NAME OF SUBMITTER:	KENNETH J. COLLIER
SIGNATURE:	/Kenneth J. Collier/
DATE SIGNED:	04/14/2016
Total Attachments: 4	
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ASSIGNMENT

WHEREAS, Martin T. GERBER, SuPing LYU and Bryant J. PUDIL, are the inventors of Blood Fluid Removal System Performance Monitoring 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. 15/067,559	Filed March 11, 2016
U.S. 13/424,517	Filed March 20, 2012
PCT/US2012/148787	Filed April 19, 2012
U.S. 61/480,544	Filed April 29, 2011
U.S. 61/480,541	Filed April 29, 2011
U.S. 61/480,539	Filed April 29, 2011
U.S. 61/480,535	Filed April 29, 2011
U.S. 61/480,532	Filed April 29, 2011
U.S. 61/480,530	Filed April 29, 2011
U.S. 61/480,528	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;

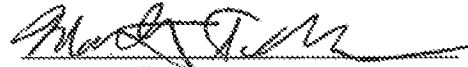
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I have sold, assigned, transferred and set over and by these presents do sell, assign, transfer and set over unto Corporation, its successors and assigns, the entire right, title and interest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

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 April, 2016.


Martin T. Gerber

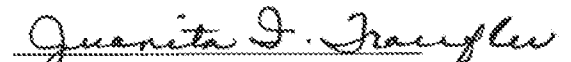
STATE OF Minnesota

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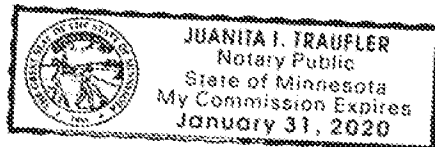
COUNTY OF Anoka

On this 13th day of April, 2016, before me, Juanita I. Trautler 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.

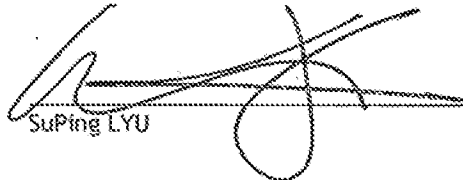

Signature of Notary Public
My Commission Expires: Jan. 31, 2020

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 13 day of April, 2016.


SuPing LYU

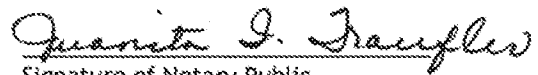
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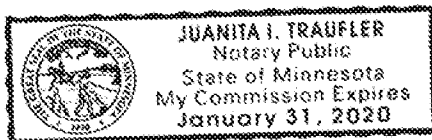
COUNTY OF Anoka

On this 13th day of April, 2016, 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.

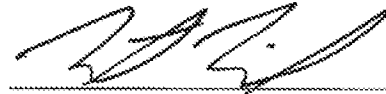

Signature of Notary Public
My Commission Expires: Jan. 31, 2020

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 13 day of April, 2016.


Bryant J. PUDIL

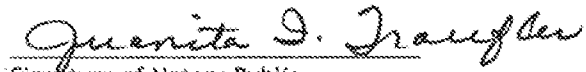
STATE OF Minnesota

ss.

COUNTY OF Anoka

On this 13th day of April, 2016, before me, Juanita I. Trautler, Notary Public, personally appeared Bryant J. 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, 2020

SEAL:

