506023027 04/20/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JENN-HANN LARRY WANG	04/18/2013
MICHAEL E. MILLER	04/17/2013
RAGHAVENDHAR GAUTHAM	04/25/2013
YIWEN LI	04/18/2013
RAJIV SHAH	04/12/2013

RECEIVING PARTY DATA

Name:	MEDTRONIC MINIMED, INC.	
Street Address:	18000 DEVONSHIRE STREET	
City:	NORTHRIDGE	
State/Country:	CALIFORNIA	
Postal Code:	91325-1219	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16853461

CORRESPONDENCE DATA

Fax Number: (213)629-1033

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.

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Address Line 4: MCLEAN, VIRGINIA 22102

ATTORNEY DOCKET NUMBER: 040088-0511622

NAME OF SUBMITTER: MARGARET GARCIA FOR DREW J. SCHULTE

SIGNATURE: /Drew J. Schulte/

DATE SIGNED: 04/20/2020

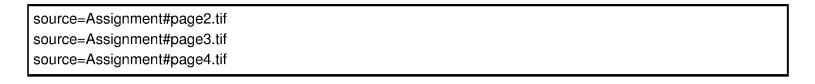
Total Attachments: 4

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PATENT REEL: 052447 FRAME: 0105

EPAS ID: PAT6069742

506023027



PATENT REEL: 052447 FRAME: 0106

ASSIGNMENT

Attorney Docket No.: 040088-0421247

(1-5)	Insert	Name(s)	of
inven	tor(s)		

- (1) JENN-HANN LARRY WANG
- (2) MICHAEL E. MILLER
- (3) RAGHAVENDHAR GAUTHAM
- (4) YIWEN LI
- (5) RAJIV SHAH

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned (the receipt of which is hereby acknowledged), the undersigned agree(s) to assign, and hereby does assign, transfer, sell and set over to

4	(6)	Insert	name	of Ass	ianee
	W.	11122011	11621116	Cr Coo	

(6) MEDTRONIC MINIMED, INC.

(7) Insert state of Incorporation of Assignee (7) Delaware

(8) Insert address of Assignee

(8) of 18000 Devonshire Street, Northridge, CA 91325-1219 (hereinafter designated as the Assignee), its successors and assigns, the entire worldwide right, title and interest in the invention (and any and all applications and all patents which may be granted on the invention) known as

(9) Insert identification of Invention, such as Title, Case Number or Foreign Application Number (9) APPLICATION OF ELECTROCHEMICAL IMPEDANCE SPECTROSCOPY IN SENSOR SYSTEMS, DEVICES, AND RELATED METHODS, U.S. Patent Application No. 13/778,391 filed on February 27, 2013

for which the undersigned has (have) executed an application for patent in the United States of America as the inventor (inventors)

(10) Insert Date of Signing of Application (10) on April 12, 2013; April 17, 2013;

April 18, 2013; and April 25, 2013

For the aforementioned consideration, the undersigned does (do) materially represent to the Assignee, its successors and assigns, that at the time of the execution of this assignment that the undersigned is (are) a lawful owner(s) of the entire right, title and interest in and to the invention and the above-identified application for patent, and that the same is unencumbered, and that the undersigned has (have) good right(s) and lawful authority to sell and convey the same in the manner set forth herein.

The undersigned further agree(s):

- a) to execute all papers necessary in connection with an application in any country of the world and any
 extension, reissue, reexamination, continuation-in-part, continuation or divisional applications thereof and also to
 execute separate assignments in connection with such applications as the Assignee may deem necessary or
 expedient;
- b) to execute all papers necessary in connection with any interference which may be declared concerning this application or extension, reissue, reexamination, continuation-in-part, continuation or divisional applications thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference:
- c) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements (including the Patent Cooperation Treaty, Paris Convention, etc.) for any application filed in a foreign country claiming priority to the invention;

- to perform all affirmative acts which may be necessary to obtain a grant of a valid United States Patent or other international application or foreign country patent to the Assignee:
- to hereby authorize(s) and request(s) the Director of the United States Patent and Trademark Office to issue any and all Letters Patents of the United States resulting from the application or any extension, reissue, reexamination, continuation-in-part, continuation or divisional applications thereof to the Assignee, as Assignee of the entire right, title and interest in and to the same, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, any agreement in conflict herewith; and

to hereby appoint: f)

Paul H. Kovelman, Reg. No. 35,228 Ajit S. Narang, Reg. No. 55,480 Eric S. Chen, Reg. No. 43,542 Konrad K. Chan, Reg. No. 57,857 Sharon E. Mughal, Reg. No. 59,816 Vivian S. Shin, Reg. No. 43,919 Richard K. Yoon, Reg. No. 42,247 Michael J. Jaro, Reg. No. 34,472

and all of the firm of Pillsbury Winthrop Shaw Pittman LLP:

Keyvan Davoudian, Reg. No. 47,520 Evan Finkel, Reg. No. 49,059

the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Signature of Inventor (1):

Name of Inventor:

VENN-HANN LARRY WANG

Date: 4/17/2013

Signature of Inventor (2):

Name of inventor: MICHAEL E. MILLER

Date:	4/25/13	Signature of Inventor (3): Name of Inventor:	Colonformer RAGHAVENDHAR GAUTHAM
Date:	4/18/2013	Signature of Inventor (4): Name of Inventor:	YIWEN LI
Date:	4/12/2013	Signature of Inventor (5): Name of Inventor:	RAJIV SHAH

ACCEPTANCE:

The undersigned, MEDTRONIC MINIMED	INC., a Delaware corporation.	, hereby declares that it has	accepted the
foragoing sesignment			

SIGNED AND SEALED this 25 day of ADII , 2013

ASSIGNEE:

MEDTRONIC MINIMED, INC.,

a Delaware Corporation

Name: Paul H. Kovelman

Title: Chief Patent Counsel

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PATENT REEL: 052447 FRAME: 0110

RECORDED: 04/20/2020