

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7568671

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	JONATHAN L. KUHN	06/14/2019
	CAN CINBIS	06/12/2019
	SAUL E. GREENHUT	06/21/2019
RECEIVING PARTY DATA		
Name:	MEDTRONIC, INC.	
Street Address:	710 MEDTRONIC PARKWAY NE	
City:	MINNEAPOLIS	
State/Country:	MINNESOTA	
Postal Code:	55432	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	17649627	
CORRESPONDENCE DATA		
Fax Number:		
<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:	6517351100	
Email:	pairedocketing@ssiplaw.com	
Correspondent Name:	SHUMAKER & SIEFFERT, P.A.	
Address Line 1:	1625 RADIO DRIVE	
Address Line 2:	SUITE 100	
Address Line 4:	WOODBURY, MINNESOTA 55125	
ATTORNEY DOCKET NUMBER:	C00018132US02CON/1111-675	
NAME OF SUBMITTER:	KAYLEY A. MARSCHALK	
SIGNATURE:	/Kayley A. Marschalk/	
DATE SIGNED:	09/30/2022	
Total Attachments: 12		
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ASSIGNMENT OF APPLICATION(S)

WHEREAS I/WE, the below named inventor(s), with residence as indicated below, have made one or more inventions relating to:

PERFORMING MEASUREMENTS USING SENSORS OF A MEDICAL DEVICE SYSTEM

- ☐ for which an application for a United States Patent or a U.S. Provisional Application is being filed contemporaneously herewith;
- ☒ for which an application for a United States Patent identified as U.S. Patent Application No. 17/649,627 was filed on February 1, 2022;
- ☐ for which U.S. Provisional Application No. _____ was filed on _____;
- ☐ for which the above application claims the benefit of U.S. Provisional Patent Application No. _____, filed on _____; and/or
- ☐ for which an application identified as PCT International Patent Application No. _____ was filed on _____

(and for which I/WE hereby authorize the below identified ASSIGNEE and its successors, representatives and assigns to hereafter insert the application number and/or filing date of the above-identified application(s) after such information becomes known to them).

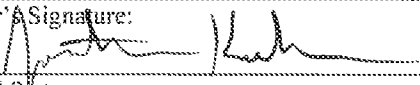
WHEREAS, Medtronic, Inc. ("ASSIGNEE"), a corporation organized and existing under the laws of the State of Minnesota and having a principal place of business at 710 Medtronic Parkway N.E., Minneapolis, MN 55432, desires to acquire the entire right, title and interest throughout the world in and to said inventions, including the entire right, title and interest in and to the application(s) identified above and all other patent applications filed for the inventions, and in and to all patents throughout the world that have granted or may be granted hereafter for the inventions, including but not limited to patents granted or based on any application(s) identified above or any other patent applications for the inventions, and including any and all rights of priority in the application(s) identified above and any other patent applications for the inventions;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I/WE do hereby acknowledge that I/WE have sold, assigned, and transferred and set over and by these presents do sell, assign, transfer and set over unto ASSIGNEE, and its successors, representatives and assigns, the entire right, title and interest throughout the world in and to the inventions, including the entire-right, title and interest in and to all applications that have been filed or may be filed in the United States and all organizations for the invention(s), including the application(s) identified above and all other applications for the invention(s), all applications claiming benefit or priority to the application(s) identified above, and all divisional, continuation, continuation-in-part, substitute, renewal, reissue, re-examinations, provisional, non-provisional, and all other applications for patent which have been or shall be filed in the United States and all foreign countries for the inventions; including the entire right, title and interest in and to all original and reissued or re-examined patents which have been or shall be issued in the United States and all foreign countries for the inventions, including all patents granted on or based on the application(s) identified above or any of the other foregoing applications, and including any utility models, design registrations, inventor's certificates or other like rights of exclusion granted for the inventions; and specifically including any and all rights of priority in the inventions and the application(s) identified above and any of the other foregoing applications, including the right to file the application(s) identified above and any of the other foregoing applications, and the right to claim the priority of the application(s) identified above and any of the other foregoing applications under the International Convention for the Protection for Industrial Property, or any other conventions, treaties, laws or agreements of like purposes; and including the right to enforce and sue for past, present and future infringement of any patents issuing from or based on the application(s) identified above or any of the other foregoing applications for the full term of such patents, all such rights to be held and enjoyed by ASSIGNEE and its successors, representatives, and assigns, for its own use and benefit to the

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 or 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]): Jonathan L.	Family Name or Surname (last name): Kuhn	
Inventor's Signature: 	Date: 6/14/19	
City and State: Ham Lake, Minnesota	Country: USA	Citizenship: USA

Given Name (first and middle initial [if any]): Can	Family Name or Surname (last name): Cinbis	
Inventor's Signature:	Date:	
City and State: Salt Lake City, Utah	Country: USA	Citizenship: USA

Given Name (first and middle initial [if any]): Saul E.	Family Name or Surname (last name): Greenhut	
Inventor's Signature:	Date:	
City and State: Aurora, Colorado	Country: USA	Citizenship: USA

ASSIGNMENT OF APPLICATION(S)

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PERFORMING MEASUREMENTS USING SENSORS OF A MEDICAL DEVICE SYSTEM
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- ☒ for which an application for a United States Patent identified as U.S. Patent Application No. 17/649,627 was filed on February 1, 2022;
- ☐ for which U.S. Provisional Application No. _____ was filed on _____;
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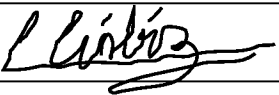
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I/WE do hereby acknowledge that I/WE have sold, assigned, and transferred and set over and by these presents do sell, assign, transfer and set over unto ASSIGNEE, and its successors, representatives and assigns, the entire right, title and interest throughout the world in and to the inventions, including the entire-right, title and interest in and to all applications that have been filed or may be filed in the United States and all organizations for the invention(s), including the application(s) identified above and all other applications for the invention(s), all applications claiming benefit or priority to the application(s) identified above, and all divisional, continuation, continuation-in-part, substitute, renewal, reissue, re-examinations, provisional, non-provisional, and all other applications for patent which have been or shall be filed in the United States and all foreign countries for the inventions; including the entire right, title and interest in and to all original and reissued or re-examined patents which have been or shall be issued in the United States and all foreign countries for the inventions, including all patents granted on or based on the application(s) identified above or any of the other foregoing applications, and including any utility models, design registrations, inventor's certificates or other like rights of exclusion granted for the inventions; and specifically including any and all rights of priority in the inventions and the application(s) identified above and any of the other foregoing applications, including the right to file the application(s) identified above and any of the other foregoing applications, and the right to claim the priority of the application(s) identified above and any of the other foregoing applications under the International Convention for the Protection for Industrial Property, or any other conventions, treaties, laws or agreements of like purposes; and including the right to enforce and sue for past, present and future infringement of any patents issuing from or based on the application(s) identified above or any of the other foregoing applications for the full term of such patents, all such rights to be held and enjoyed by ASSIGNEE and its successors, representatives, and assigns, for its own use and benefit to the

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]): Jonathan L.	Family Name or Surname (last name): Kuhn	
Inventor's Signature:	Date:	
City and State: Ham Lake, Minnesota	Country: USA	Citizenship: USA

Given Name (first and middle initial [if any]): Can	Family Name or Surname (last name): Cinbis	
Inventor's Signature: 	Date: June 12, 2019	
City and State: Salt Lake City, Utah	Country: USA	Citizenship: USA

Given Name (first and middle initial [if any]): Saul E.	Family Name or Surname (last name): Greenhut	
Inventor's Signature:	Date:	
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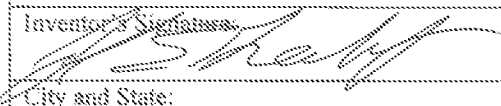
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