## 506760195 07/12/2021

# **PATENT ASSIGNMENT COVER SHEET**

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6807012

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JONATHON E. GIFTAKIS	09/05/2017
TIMOTHY J. DENISON	09/05/2017
PAUL H. STYPULKOWSKI	09/06/2017
SCOTT R. STANSLASKI	09/05/2017
ROBERT S. RAIKE	09/07/2017
MAE ENG	09/08/2017
DAVID E. LINDE	09/05/2017
THOMAS ADAMSKI	09/05/2017

### **RECEIVING PARTY DATA**

Name:	MEDTRONIC, INC.	
Street Address:	710 MEDTRONIC PARKWAY N.E.	
City:	MINNEAPOLIS	
State/Country:	MINNESOTA	
Postal Code:	55432-5604	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17364609

## **CORRESPONDENCE DATA**

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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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ATTORNEY DOCKET NUMBER:	C00008501US01DIV
NAME OF SUBMITTER:	JERAMIE J. KEYS
SIGNATURE:	/Jeramie J. Keys/

PATENT 506760195 REEL: 056822 FRAME: 0533

DATE SIGNED:	07/12/2021
Total Attachments: 9	
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PATENT REEL: 056822 FRAME: 0534

Attorney Docket No.: C00008501.USU2

## **ASSIGNMENT OF APPLICATION(S)**

Whereas I/we, the below named inventor(s), with residence and citizenship as indicated below, have made an invention in

$\boxtimes$	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. ; was filed on ;
	for which an application for a U.S. Provisional Application No. ; was filed on ;
$\boxtimes$	for which above application claims priority to U.S. Provisional Patent Application No. 62/393,268; filed on September 12, 2016;
	which application is identified as PCT International Patent Application No.; filed;

having a principle place of business at 710 Medtronic Parkway N.E., Minneapolis, Minnesota 55432-5604, 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 therefore;

NOW, Therefore, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we 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 application(s) identified above and in and to any application claiming benefit thereto 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 therefore including our 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 benefit and use and benefit 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, including the right to enforce such Letters Patent as fully and entirely as the same would have been held and enjoyed by the assignors if this assignment had not been made; together with all claims by assignors for damages by reason of past infringement or for provisional rights and including the right to sue for, and collect the same for its own use and benefit, and for the use and benefit of its successors, assigns, and other legal representatives;

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

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 Assignment

Page 1 of 9

Attorney Docket No.C00008501.USU2

Medtronic, Inc., 710 Medtronic Parkway, Minneapolis, MN 55432

PATENT

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]): Jonathon E.	Family Name or Surname (last name): Giftakis		
Inventor's Signature:	Date: 9/5/	2017	
City and State: 🔌	Country:	Citizenship:	
Maple Grove	USA	US	
STATE OF MINNESOTA )  ) ss.  COUNTY OF ANOKA  On this day of			

	Family Name or Surname (last name): Denison		
Inventor's Signature:	Date: 5 Sept	2017	
City and State:	Country:	Citizenship:	
Minneapolis, MN	USA	US	
STATE OF MINNESOTA )  ) ss.  COUNTY OF ANOKA )			
On this 5th day of September , 2017 before me personally appeared the above-named , and			
who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal) CAROLINE JOY ACOSTA NOTARY PUBLIC - MINNESOTA My Commission Express January 31 2021	Notary Public	L	

Given Name (first and middle initial [if any]): Paul H.	Family Name or Surname (last Stypulkowski	name):
Inventor's Signature	Date: 9/6/1	7
City and State:	Country:	Citizenship:
North Oaks, MN	USA	US
STATE OF MINNESOTA ) ) ss.  COUNTY OF ANOKA ) On this was day of September who executed the foregoing instrument, as said pe	, 2017 before me pe erson's free act and deed, on the di	ersonally appeared the above-named, and ay and year aforesaid.
(Seal)  CAROLINE JOY ACOSTA  MOTARY PUBLIC - MININESOTA  My Commission Expires  January 31, 2021	X::	lm

Given Name (first and middle initial [if any]): Scott R.	Family Name or Surname (last : Stanslaski	name):
Inventor's Signatuse:	Date: 9/5/1;	7
City and State:	Country:	Citizenship:
Shoreview, MN	USA	US
COUNTY OF ANOKA  On this day of	2017 before me pe erson's free act and deed, on the da	

Given Name (first and middle initial [if any]):	Family Name or Surname (last name	e):
Robert S.	Raike	
Inventor's Signature.	Date: 9/7/17	
City and State:	Country:	Citizenship:
Minneapolis, MN	USA	US
STATE OF MINNESOTA ) ) ss. COUNTY OF ANOKA )		
On this 7th day of September	, 2017 before me person	ally appeared the above-named, and
who executed the foregoing instrument, as said pe	rson's free act and deed, on the day ar	nd year aforesaid.
CAROLINE JOY ACOST/ NOTARY PUBLIC - MINNESOTA My Commission Expense		L~~2
January 31, 2021	Notary Public	

Given Name (first and middle initial [if any]):  Mae	Family Name or Surname (last name): Eng				
Inventor's Signature:	Date: 9/8/22	517			
City and State: Shoreview, MN	Country: / USA	Citizenship: US			
STATE OF MINNESOTA )  SS.  COUNTY OF ANOKA )  On this day of Slaw Grand County of the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.  (Seal)  KARIAK WEIS Notary Public State of Minnesota My Commission Expires January 31, 2020  Notary Public					

Given Name David E.	e (first and middle initial [if any]):	Family Name or Surname (last name): Linde			
Inventor's S	Signature:	Date: 9-	2,5012		
City and Sta	ate;	Country:	Citizenship:		
Corcoran, M	MN	USA	US		
STATE OF MINNESOTA )  ) ss.  COUNTY OF ANOKA )  On this					
(Seal)	KARIA K. WEIS  Notary Public  State of Minnesota  My Commission Expires  10 Tugry 31, 2020	Notary Public	BX71/>		

Given Name (first and middle initial [if a Thomas	any]): Family Name or Surname (lasi Adamski	mily Name or Surname (last name): lamski			
Inventor's Signature:	Date: ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○	O(**)			
City and State: Andover, MN	Country: USA	Citizenship: US			
STATE OF MINNESOTA )  ss.  COUNTY OF ANOKA )  On this					
(Seal)  KARIA K. WEIS Notary Public State of Minnesols My Commission Expires January 31, 2020  Notary Public					

RECORDED: 07/12/2021