506392175 12/08/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TODD J. SHELDON	06/27/2018
YONG K. CHO	06/28/2018
WADE M. DEMMER	06/27/2018
MARK K. ERICKSON	06/28/2018
VINCENT E. SPLETT	06/27/2018

RECEIVING PARTY DATA

Name:	MEDTRONIC, INC. (CVG)
Street Address:	8200 CORAL SEA STREET NE.
Internal Address:	MS: MVC22
City:	MOUNDS VIEW
State/Country:	MINNESOTA
Postal Code:	55112

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17106500

CORRESPONDENCE DATA

Fax Number: (651)367-0471

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.

Phone: 2397772757

Email: kendrahermans@att.net MEDTRONIC, INC. (CVG) **Correspondent Name:** 8200 CORAL SEA STREET NE. Address Line 1:

Address Line 2: MS: MVC22

Address Line 4: MOUNDS VIEW, MINNESOTA 55112

ATTORNEY DOCKET NUMBER:	C00014156US01CON	
NAME OF SUBMITTER:	KENDRA K. HERMANS	
SIGNATURE:	/Kendra K. Hermans/	
DATE SIGNED:	12/08/2020	

PATENT REEL: 054583 FRAME: 0422 506392175

Total Attachments: 7 source=C00014156USI3-ALL_Assignment#page1.tif source=C00014156USI3-ALL_Assignment#page2.tif source=C00014156USI3-ALL_Assignment#page3.tif source=C00014156USI3-ALL_Assignment#page4.tif source=C00014156USI3-ALL_Assignment#page5.tif source=C00014156USI3-ALL_Assignment#page6.tif source=C00014156USI3-ALL_Assignment#page7.tif

PATENT REEL: 054583 FRAME: 0423

Attorney Docket No.: C00014156.USI3

ASSIGNMENT OF APPLICATION(S)

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

	PACING MODE SWITCHING IN A VENTRICULAR PACEMAKER
\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;
	for which above application claims priority to U.S. Provisional Patent Application No, filed on;
	which application is identified as PCT International Patent Application No; filed;
ref Un	Whereas, Medtronic, Inc., a corporation organized and existing under the laws of the State of Minnesota an ring a principal place of business at 710 Medtronic Parkway N.E., Minneapolis, Minnesota 55432-5604, hereinafte erred to as "Corporation," is desirous of acquiring the entire right, title and interest in and to said invention for the ited States and for all foreign countries and in and to any and all foreign and domestic Letters Patent which may be inted 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, which include the right to claim priority based on the filing date of said application(s), 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;

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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.

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> **PATENT** REEL: 054583 FRAME: 0425

Given Name (first and middle initial [if any]): Todd J. Family Name or Surname (last name): SHELDON	Family Name or Surname (last name): SHELDON		
Inventor's Signature: Date: Z7-Jane-2018			
City and State: Country: Citizenship:			
North Oaks, Minnesota US US			

REEL: 054583 FRAME: 0426

Given Name (first and middle initial [if any]): Yong K.	Family Name or Surname (last name): CHO	
Inventor's Signature:	Date: 6-2-8-18	
City and State:	Country:	Citizenship:
Excelsior, Minnesota	US	US
)	Control of the contro	

REEL: 054583 FRAME: 0427

Given Name (first and middle initial [if any]): Wade M.	Family Name or Sumame (last name): DEMMER		
Inventor's Signature:	Date: 27-June - 2018		
City and Staté: Coon Rapids, Minnesota	Country: US	Citizenship: US	

Given Name (first and middle initial [if any]): Mark K.	Family Name or Surname (last name): ERICKSON			
Inventor's Signature:		Date: 28 Jun 2018		
City and State: Brooklyn Park, Minnesota		Country: US		Citizenship: US
STATE OF MINNESOTA) COUNTY OF Land () ss. On this 28 day of				
(Seal) MADONNA M. SCHROEDER Notary Public State of Minnesota My Commission Expires January 31, 2020 Notary Public				

Given Name (first and middle initial [if any]): Vincent E.	Family Name or Surname (last name): SPLETT		
Inventor's Signature: D'Anna	Date: 27 June 2018		
City and State: Apple Valley, Minnesota	Country: US	Citizenship: US	

Assignment

RECORDED: 12/08/2020

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PATENT