504510664 08/18/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4557369

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JEAN M. BOBGAN	04/17/2017
DAVID P. STIEPER	04/17/2017
JOSEPH PRESCOTT	04/14/2017

RECEIVING PARTY DATA

Name:	CARDIAC PACEMAKERS, INC.	
Street Address:	4100 HAMLINE AVENUE NORTH	
City:	ST. PAUL	
State/Country:	MINNESOTA	
Postal Code:	55112	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15489603

CORRESPONDENCE DATA

Fax Number: (612)766-1600

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: 612-766-7000

Email: amy.pirkl@faegrebd.com

FAEGRE BAKER DANIELS LLP **Correspondent Name:**

Address Line 1: 90 SOUTH 7TH STREET

Address Line 2: 2200 WELLS FARGO CENTER

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	432469.004039
NAME OF SUBMITTER:	KELSEY DEHNE
SIGNATURE:	/kelseydehne/
DATE SIGNED:	08/18/2017

Total Attachments: 3

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PATENT REEL: 043336 FRAME: 0830 504510664

COMBINED DECLARATION & ASSIGNMENT

Attorney Docket No.: 432469.004039

Page 1 of 1

Client Ref. No.: 15-0695US01

Title: IMD HAVING A CORE CIRCUITRY

SUPPORT STRUCTURE

ASSIGNMENT

	WHER	EAS, I, Jo	an M. Bobgan	, David P. Stiep	er and Joseph	Presco	ott, have invent	ed certain new a	and
useful	improven	aents as de	scribed in U.S.	patent application	on, entitled IM	D HAV	ING A CORI	E CIRCUITRY	
SUPPO	ORT ST	RUCTUR	E, the application	on having been e	xecuted on eve	en date	herewith, and/c	or being identifie	ed in
the Uni	ited State	s Patent ar	id Trademark C	Office ("USPTO") by Application	on No.	15/489,60	3 , filed	
Apr	il 17,	2017	ر (۵	'Invention"); and		-			

WHEREAS, Cardiac Pacemakers, Inc., a Corporation of the State of Minnesota, and having an address of 4100 Hamline Avenue North, St. Paul, MN 55112, United States (together with its successors and assigns, the "Assignee"), seeks to memorialize its ownership of the entire right, title and interest in and to the Invention;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, I transfer to Assignee our entire right, title, and interest in and to the Invention, including all inventions disclosed or claimed in the above-identified patent application, including any improvements thereof, any corresponding domestic applications (e.g., provisional, non-provisional, divisional, continuation, continuation-in-part, reexamination, and/or reissue patent), any corresponding foreign applications, all patents issuing thereon, or other patent application based off or claiming priority to the above-identified patent application, and all rights and benefits under any applicable treaty or convention. I authorize the USPTO (or foreign equivalent thereof) to issue any patent (or similar legal protection) to the Assignee.

I authorize the Assignee to insert in this instrument the filing date and application number of the application when ascertained. I hereby authorize the Assignee (or its designee) to apply for patent (or similar legal protection) in its own name if desired, in any and all countries.

I represent to the Assignee that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I agree when requested, without additional consideration, but at the expense of the Assignee, to provide additional reasonable assistance necessary to memorialize this assignment, to execute all oaths, declarations, assignments, powers of attorney and other papers necessary to perfect and vest title to the rights assigned herein to the Assignee; and will render all assistance in filing, obtaining, maintaining, and enforcing any patent (or similar legal protection) on the Invention in any and all countries.

DECLARATION

I have reviewed and understand the contents of the above-identified patent application including the claims, and I believe I am an original or an original joint inventor of a claimed invention in the above-identified patent application. The above-identified patent application was made or authorized to be made by me. I am aware of and acknowledge my duty to disclose to the USPTO all information known to me to be material to patentability of the claims in the above-identified patent application. I acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Ham in Robon	
Jean M. Bobgan	David P. Stieper
Date 405 17, 2017	Date
Joseph Prescott	
Date	

COMBINED DECLARATION & ASSIGNMENT

Date _____

Attorney Docket No.: 432469.004039

Page 1 of 1

Client Ref. No.: 15-0695US01

Title: IMD HAVING A CORE CIRCUITRY SUPPORT STRUCTURE

ASSIGNMENT	
useful improvements as described in U.S. patent applicat	executed on even date herewith, and/or being identified in ") by Application No. <u>15/489.603</u> , filed
WHEREAS, Cardiac Pacemakers, Inc., a Corp 4100 Hamline Avenue North, St. Paul, MN 55112, Unite "Assignee"), seeks to memorialize its ownership of the en	
are hereby acknowledged, I transfer to Assignee our entir all inventions disclosed or claimed in the above-identified any corresponding domestic applications (e.g., provisions	
	ent the filing date and application number of the application designee) to apply for patent (or similar legal protection)
conflicting with this Assignment. I agree when requested the Assignee, to provide additional reasonable assistance	necessary to memorialize this assignment, to execute all other papers necessary to perfect and vest title to the rights nee in filing, obtaining, maintaining, and enforcing any
DECLARATION	
and I believe I am an original or an original joint inventor	made or authorized to be made by me. I am aware of and nation known to me to be material to patentability of the wledge that any willful false statement made in this
Jean M. Bobgan	paviu r. oneper
Date	Date 4/17/2017
Joseph Prescott	
rosepu a rescott	

COMBINED DECLARATION & ASSIGNMENT

Attorney Docket No.: 432469.004039

Page 1 of 1

Client Ref. No.: 15-0695US01

Title: IMD HAVING A CORE CIRCUITRY SUPPORT STRUCTURE

ASSIGNMENT

WOOMMINTERATE.	
useful improvements as described in U.S. patent app SUPPORT STRUCTURE, the application having	Stieper and Joseph Prescott, have invented certain new and plication, entitled IMD HAVING A CORE CIRCUITRY been executed on even date herewith, and/or being identified in SPTO") by Application No15/489,603, filed "); and
4100 Hamline Avenue North, St. Paul, MN 55112,	Corporation of the State of Minnesota, and having an address of United States (together with its successors and assigns, the the entire right, title and interest in and to the Invention;
are hereby acknowledged, I transfer to Assignee our all inventions disclosed or claimed in the above-ider any corresponding domestic applications (e.g., provin-part, reexamination, and/or reissue patent), any cother patent application based off or claiming priorit	d and valuable consideration, the receipt and adequacy of which rentire right, title, and interest in and to the Invention, including attified patent application, including any improvements thereof, isional, non-provisional, divisional, continuation, continuation-presponding foreign applications, all patents issuing thereon, or ty to the above-identified patent application, and all rights and I authorize the USPTO (or foreign equivalent thereof) to issue see.
	strument the filing date and application number of the application (or its designee) to apply for patent (or similar legal protection)
conflicting with this Assignment. I agree when required the Assignee, to provide additional reasonable assist oaths, declarations, assignments, powers of attorney	
DECLARATION	
and I believe I am an original or an original joint inv application. The above-identified patent application acknowledge my duty to disclose to the USPTO all i claims in the above-identified patent application. I a	s of the above-identified patent application including the claims, rentor of a claimed invention in the above-identified patent a was made or authorized to be made by me. I am aware of and information known to me to be material to patentability of the acknowledge that any willful false statement made in this ine or imprisonment of not more than five (5) years, or both.
Jean M. Bohgan	David P. Stieper
Date	Date
Das Duetter	
Joseph Prescott	
Date 4/14/17	

PATENT REEL: 043336 FRAME: 0833

RECORDED: 08/18/2017