

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT4161527

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
VENUGOPAL ALLAVATAM	10/11/2016
STEPHEN J. HAHN	09/28/2016
KEITH L. HERRMANN	10/03/2016
MITCHELL D. LANZ	10/04/2016
KRZYSZTOF Z. SIEJKO	09/28/2016
BENJAMIN SPEAKMAN	10/06/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CARDIAC PACEMAKERS, INC.
<b>Street Address:</b>	4100 HAMLIN AVENUE NORTH
<b>City:</b>	ST. PAUL
<b>State/Country:</b>	MINNESOTA
<b>Postal Code:</b>	55112
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15362862
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(612)359-9349
<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>	
<b>Phone:</b>	612 677-9050
<b>Email:</b>	JoAnn.Lindman@stwiplaw.com
<b>Correspondent Name:</b>	SEAGER, TUFTE & WICKHEM, LLP
<b>Address Line 1:</b>	100 SOUTH 5TH STREET
<b>Address Line 2:</b>	SUITE 600
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55402
<b>ATTORNEY DOCKET NUMBER:</b>	1001.3946101
<b>NAME OF SUBMITTER:</b>	JOANN LINDMAN
<b>SIGNATURE:</b>	/JoAnn Lindman/
<b>DATE SIGNED:</b>	11/29/2016

**Total Attachments: 6**

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# COMBINED DECLARATION & ASSIGNMENT

Attorney Docket No.:  
1001.3946101

Page 1 of 2

Client Ref. No.:  
15-0299US01

Title:  
AUTOMATIC DETERMINATION AND SELECTION  
OF FILTERING IN A CARDIAC RHYTHM  
MANAGEMENT DEVICE

## ASSIGNMENT

WHEREAS, we, Venugopal Allavatham, Stephen J. Hahn, Keith L. Herrmann, Mitchell D. Lantz, Krzysztof Z. Siejko and Benjamin Speakman, have invented certain new and useful improvements as described in U.S. patent application, entitled **AUTOMATIC DETERMINATION AND SELECTION OF FILTERING IN A CARDIAC RHYTHM MANAGEMENT DEVICE**, the application having been executed on even date herewith, and/or being identified in the United States Patent and Trademark Office ("USPTO") by Application No. 15/362,862 filed November 29, 2016 ("Invention"); and

WHEREAS, **CARDIAC PACEMAKERS, INC.**, a Corporation of the State of Delaware, and having an address of 4100 Hamline Avenue N., St. Paul, Minnesota 55112, USA, (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 my 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 I 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.

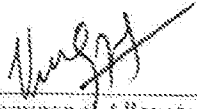
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& ASSIGNMENT**

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Client Ref. No.:  
[S-0299US01]

Title:  
AUTOMATIC DETERMINATION AND SELECTION  
OF FILTERING IN A CARDIAC RHYTHM  
MANAGEMENT DEVICE

  
\_\_\_\_\_  
Venugopal Allavaram

Date 11-OCT-2016

\_\_\_\_\_  
Stephen J. Hahn

Date \_\_\_\_\_

\_\_\_\_\_  
Keith L. Herrmann

Date \_\_\_\_\_

\_\_\_\_\_  
Mitchell D. Lanz

Date \_\_\_\_\_

\_\_\_\_\_  
Krzysztof Z. Siejko

Date \_\_\_\_\_

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Benjamin Speskman

Date \_\_\_\_\_

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\_\_\_\_\_  
Venugopal Allavatam

Date \_\_\_\_\_

  
\_\_\_\_\_  
Stephen J. Hahn


Date 9-28-16

\_\_\_\_\_  
Keith L. Herrmann

Date \_\_\_\_\_

\_\_\_\_\_  
Mitchell D. Lanz

Date \_\_\_\_\_

  
\_\_\_\_\_  
Krzysztof L. Siejko

Date 9/28/16

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Benjamin Speckman

Date \_\_\_\_\_

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MANAGEMENT DEVICE

\_\_\_\_\_  
Venugopal Allavatam

Date \_\_\_\_\_



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Keith L. Herrmann

Date 3 Oct 2016

\_\_\_\_\_  
Stephen J. Hahn

Date \_\_\_\_\_

\_\_\_\_\_  
Mitchell D. Lanz

Date \_\_\_\_\_

\_\_\_\_\_  
Krzysztof Z. Siejko

Date \_\_\_\_\_

\_\_\_\_\_  
Benjamin Speakman

Date \_\_\_\_\_

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Date \_\_\_\_\_

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Krzysztof Z. Siejko

Date \_\_\_\_\_

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Stephen J. Hahn

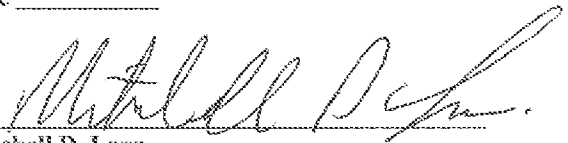
Date \_\_\_\_\_

\_\_\_\_\_  
Mitchell D. Lanz

Date Oct 4<sup>th</sup>, 2016

\_\_\_\_\_  
Benjamin Speakman

Date \_\_\_\_\_



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& ASSIGNMENT**

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Date \_\_\_\_\_

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**Keith L. Herrmann**

Date \_\_\_\_\_

\_\_\_\_\_  
**Mitchell D. Lanz**

Date \_\_\_\_\_

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**Krzysztof Z. Siejko**

Date \_\_\_\_\_

  
\_\_\_\_\_  
**Benjamin Speakman**

Date Oct-6, 2016