

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3224610

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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT   |                       |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT   |                       |
| <b>CONVEYING PARTY DATA</b>   |  |                       |
|   | <b>Name</b>  | <b>Execution Date</b> |
|   | JACOB M. LUDWIG  | 02/11/2015            |
| <b>RECEIVING PARTY DATA</b>   |  |                       |
| <b>Name:</b>  | CARDIAC PACEMAKERS, INC                                    |                       |
| <b>Street Address:</b>  | 4100 HAMLINE AVENUE NORTH                                  |                       |
| <b>City:</b>  | ST. PAUL   |                       |
| <b>State/Country:</b>   | MINNESOTA  |                       |
| <b>Postal Code:</b>   | 55112-5798   |                       |
| <b>PROPERTY NUMBERS Total: 1</b>  |  |                       |
|   | <b>Property Type</b>                                       | <b>Number</b>         |
|   | Application Number:  | 14620862              |
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| <b>ATTORNEY DOCKET NUMBER:</b>  | 279.L70US1   |                       |
| <b>NAME OF SUBMITTER:</b>   | KATHLEEN GANNON  |                       |
| <b>SIGNATURE:</b>   | /Kathleen Gannon/  |                       |
| <b>DATE SIGNED:</b>   | 02/12/2015   |                       |
|   | This document serves as an Oath/Declaration (37 CFR 1.63). |                       |
| <b>Total Attachments: 1</b>   |  |                       |
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# COMBINED DECLARATION & ASSIGNMENT

Attorney Docket No.:  
279.L70US1

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Client Ref No. 14-0007US01

Title: PACING DEVICE WITH AUTONOMOUS  
ANTI-TACHYCARDIA PACING

## ASSIGNMENT

WHEREAS, I, **Jacob M. Ludwig**, have invented certain new and useful improvements as described in U.S. patent application, entitled **PACING DEVICE WITH AUTONOMOUS ANTI-TACHYCARDIA PACING**, 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. 14/620,862, filed February 12, 2015 ("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 55112-5798 (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;

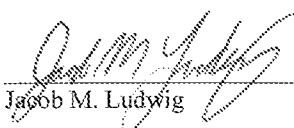
NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, I transfer to Assignee my entire right, title, and interest in and to the Invention, including all inventions disclosed or claimed in the above-identified patent application, including 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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Jacob M. Ludwig

Date 2/11/2015