

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2739388

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>BARUN MASKARA</td> <td>02/07/2014</td> </tr> <tr> <td>QI AN</td> <td>02/07/2014</td> </tr> <tr> <td>PRAMODSINGH HIRASINGH THAKUR</td> <td>02/07/2014</td> </tr> <tr> <td>JULIE A. THOMPSON</td> <td>02/14/2014</td> </tr> </tbody> </table>		Name	Execution Date	BARUN MASKARA	02/07/2014	QI AN	02/07/2014	PRAMODSINGH HIRASINGH THAKUR	02/07/2014	JULIE A. THOMPSON	02/14/2014
Name	Execution Date										
BARUN MASKARA	02/07/2014										
QI AN	02/07/2014										
PRAMODSINGH HIRASINGH THAKUR	02/07/2014										
JULIE A. THOMPSON	02/14/2014										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>CARDIAC PACEMAKERS, INC.</td> </tr> <tr> <td>Street Address:</td> <td>4100 HAMLINE AVENUE NORTH</td> </tr> <tr> <td>City:</td> <td>ST. PAUL</td> </tr> <tr> <td>State/Country:</td> <td>MINNESOTA</td> </tr> <tr> <td>Postal Code:</td> <td>55112-5798</td> </tr> </table>		Name:	CARDIAC PACEMAKERS, INC.	Street Address:	4100 HAMLINE AVENUE NORTH	City:	ST. PAUL	State/Country:	MINNESOTA	Postal Code:	55112-5798
Name:	CARDIAC PACEMAKERS, INC.										
Street Address:	4100 HAMLINE AVENUE NORTH										
City:	ST. PAUL										
State/Country:	MINNESOTA										
Postal Code:	55112-5798										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14187954</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14187954						
Property Type	Number										
Application Number:	14187954										
CORRESPONDENCE DATA											
<p>Fax Number: (612)339-3061</p> <p>Phone: 612-373-6900</p> <p>Email: uspto@slwip.com</p> <p><i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i></p> <p>Correspondent Name: SCHWEGMAN, LUNDBERG &amp; WOESSNER/BSC</p> <p>Address Line 1: PO BOX 2938</p> <p>Address Line 4: MINNEAPOLIS, MINNESOTA 55402</p>											
ATTORNEY DOCKET NUMBER:	279.L05US1										
NAME OF SUBMITTER:	NELLIE COLE										
Signature:	/Nellie Cole/										

Date:	02/24/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 2 source=279L05US1_ASSN#page1.tif source=279L05US1_ASSN#page2.tif	

# COMBINED DECLARATION & ASSIGNMENT

Attorney Docket No.:  
279.L05US1

Page 1 of 2

Client Ref No. 12-0484US01

Title: HEART SOUNDS TEMPLATE  
COMPARISON TO IDENTIFY TRUE PACING  
MODE

## ASSIGNMENT

WHEREAS, I, Barun Maskara, Qi An, Pramodsingh Hirasingh Thakur, Julie A. Thompson, have invented certain new and useful improvements as described in U.S. patent application, entitled HEART SOUNDS TEMPLATE COMPARISON TO IDENTIFY TRUE PACING MODE, 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. \_\_\_\_\_, filed \_\_\_\_\_ ("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;

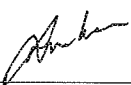
NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, I transfer to Assignee my entire right, title, and interest in and to the Invention, including all inventions disclosed or claimed in the above-identified patent application, including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

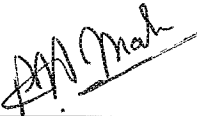
I represent to the Assignee that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I agree when requested, without additional consideration, but at the expense of the Assignee, to provide additional reasonable assistance necessary to memorialize this 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.

  
Barun Maskara

Date 2/7/14

  
Pramodsingh Hirasingh Thakur

Date 2/7/14

**COMBINED DECLARATION  
& ASSIGNMENT**

Attorney Docket No.:  
279.L05US1


Page 2 of 2

Client Ref No. 12-0484US01

Title: HEART SOUNDS TEMPLATE  
COMPARISON TO IDENTIFY TRUE PACING  
MODE

  
Qi An

Date 02/07/2014

  
Julie A. Thompson

Date 2/14/14