

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Craig M. Stolen</td> <td>09/27/2012</td> </tr> <tr> <td>Harlan Bos</td> <td>10/12/2012</td> </tr> <tr> <td>Tim Meyer</td> <td>10/01/2012</td> </tr> <tr> <td>Arjun D. Sharma</td> <td>10/10/2012</td> </tr> </tbody> </table>		Name	Execution Date	Craig M. Stolen	09/27/2012	Harlan Bos	10/12/2012	Tim Meyer	10/01/2012	Arjun D. Sharma	10/10/2012
Name	Execution Date										
Craig M. Stolen	09/27/2012										
Harlan Bos	10/12/2012										
Tim Meyer	10/01/2012										
Arjun D. Sharma	10/10/2012										
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</td> </tr> </table>		Name:	Cardiac Pacemakers, Inc.	Street Address:	4100 Hamline Avenue North	City:	St. Paul	State/Country:	MINNESOTA	Postal Code:	55112
Name:	Cardiac Pacemakers, Inc.										
Street Address:	4100 Hamline Avenue North										
City:	St. Paul										
State/Country:	MINNESOTA										
Postal Code:	55112										
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>13536526</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13536526						
Property Type	Number										
Application Number:	13536526										
CORRESPONDENCE DATA											
<p>Fax Number: 6127464781</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 6127464780</p> <p>Email: sboyer@pdsdlaw.com</p> <p>Correspondent Name: Pauly, DeVries Smith, & Deffner, L.L.C.</p> <p>Address Line 1: 121 South 8th Street</p> <p>Address Line 2: TCF Tower, Suite 900</p> <p>Address Line 4: Minneapolis, MINNESOTA 55402</p>											
ATTORNEY DOCKET NUMBER:	115.0146USU1										
NAME OF SUBMITTER:	Mark E. Deffner										
<p>Total Attachments: 3</p> <p>source=2012_10_25_115_0146USU1_SignedAssignment#page1.tif</p> <p>source=2012_10_25_115_0146USU1_SignedAssignment#page2.tif</p> <p>source=2012_10_25_115_0146USU1_SignedAssignment#page3.tif</p>											

CH \$40.00 13536526

ASSIGNMENT

WHEREAS, We, Craig M. Stolen, residing at 1608 23rd Avenue NW, New Brighton, MN 55112, Harlan Bos, residing at 11020 Stonebridge Trail North, Stillwater, MN 55082, Timothy E. Meyer, residing at 4 Otter Lane, North Oaks, MN 55127, Arjun Sharma, residing at 94 Crocus Place, St. Paul, MN 55102, have invented certain new and useful inventions and improvements for which we herewith file an application for Letters Patent of the United States, which is entitled SYSTEMS AND METHODS FOR SETTING PARAMETERS OF IMPLANTABLE MEDICAL DEVICES USING PREDICTIVE MARKER DATA, the application having been executed on even date herewith, and/or being identified in the United States Patent and Trademark Office by Application No. 13/536,526 and filed on June 28, 2012.

AND WHEREAS, Cardiac Pacemakers, Inc., a corporation organized and existing under and by virtue of the laws of the State of Minnesota, and having an office and place of business at 4100 Hamline Avenue North, St. Paul, MN 55112 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

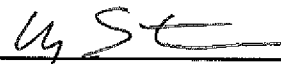
NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of

Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.


AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 27th day of
September, 2012.



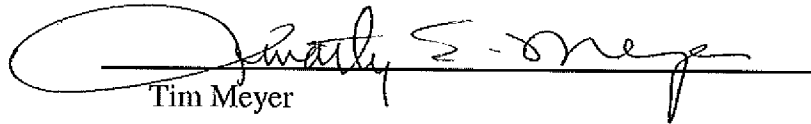
Craig Stolen

IN TESTIMONY WHEREOF, I have hereunto set my hand this 1st day of
Oct, 2012.




Harlan Bos

IN TESTIMONY WHEREOF, I have hereunto set my hand this 31st day of October, 2012.


Tim Meyer

IN TESTIMONY WHEREOF, I have hereunto set my hand this 10th day of October, 2012.


Arjun D. Sharma