

PATENT ASSIGNMENT

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 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | |
|--|-----------------------------------|---------------|----------------|----------------------|------------|---------------------|------------|----------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Anthony A. Primavera</td> <td>06/13/2005</td> </tr> <tr> <td>Vijesh Unnikrishnan</td> <td>06/13/2005</td> </tr> <tr> <td>David J. Smith</td> <td>06/13/2005</td> </tr> </tbody> </table> | | Name | Execution Date | Anthony A. Primavera | 06/13/2005 | Vijesh Unnikrishnan | 06/13/2005 | David J. Smith | 06/13/2005 |
| Name | Execution Date | | | | | | | | |
| Anthony A. Primavera | 06/13/2005 | | | | | | | | |
| Vijesh Unnikrishnan | 06/13/2005 | | | | | | | | |
| David J. Smith | 06/13/2005 | | | | | | | | |
| 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 | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11464779</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 11464779 | | | | |
| Property Type | Number | | | | | | | | |
| Application Number: | 11464779 | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | |
| Fax Number: | (612)766-1600 | | | | | | | | |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | | | | | | | | |
| Phone: | 612.766.7131 | | | | | | | | |
| Email: | ljjohnson@faegre.com | | | | | | | | |
| Correspondent Name: | Lisa Johnson | | | | | | | | |
| Address Line 1: | 90 South Seventh Street | | | | | | | | |
| Address Line 2: | 2200 Wells Fargo Center | | | | | | | | |
| Address Line 4: | Minneapolis, MINNESOTA 55402-3901 | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 340806 | | | | | | | | |
| NAME OF SUBMITTER: | Victor P. Jonas | | | | | | | | |

Total Attachments: 2
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OP \$40.00 11464779

ASSIGNMENT

Attorney Docket No.: 32469-315353

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First Named Inventor: Anthony A. Primavera et al.

Title: FLIP CHIP DIE ASSEMBLY USING THIN FLEXIBLE SUBSTRATES

WHEREAS, we, Anthony A. Primavera, a United States citizen, residing at 19840 W. Ford Brook Dr. NW, Anoka, MN 55303, Vijesh Unnikrishnan, an Indian citizen, residing at 3111 Buchanan St. NE Emerson Avenue S. #104, Minneapolis, MN 55418, and David J. Smith, a United States citizen, residing at 3930 West 44th Street, Edina, MN 55424 have invented certain new and useful improvements as described in an application entitled **FLIP CHIP DIE ASSEMBLY USING THIN FLEXIBLE SUBSTRATES** Letters Patent of the United States, the application having been executed on even date herewith, and/or being identified in the United States Patent and Trademark Office by Application No. 11,166,461, filed June 24, 2005; and

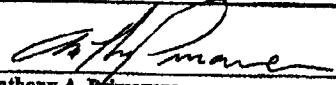
WHEREAS, Cardio Pacemakers, Inc. a corporation organized and existing under the laws of the State of Minnesota, and having offices at 4100 Hamline Avenue North, St. Paul, MN 55112, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, we transfer to Assignee, its successors and assigns, our entire right, title, and interest in and to the invention, the above-identified patent application, corresponding domestic applications (including divisionals, continuations, and continuations-in-part), corresponding foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and we authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and application number of the application when ascertained. We authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

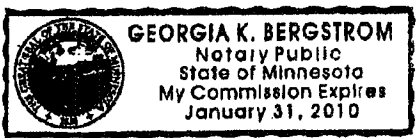
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| ASSIGNMENT | Attorney Docket No.: 32469-315353 | Page 2 of 2 |
| | First Named Inventor: Anthony A. Primavera et al. | |
| | Title: FLIP CHIP DIE ASSEMBLY USING THIN FLEXIBLE SUBSTRATES | |

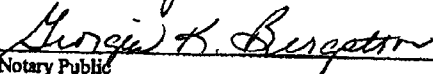


 Anthony A. Primavera

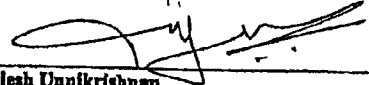
CERTIFICATE OF ACKNOWLEDGMENT

STATE OF MN)
) : SS.
 COUNTY OF Ramsey
 Subscribed and sworn to before me, a Notary Public,
 this 13 day of June , 2005.





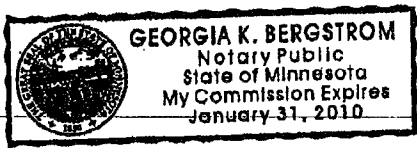
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 (SEAL)

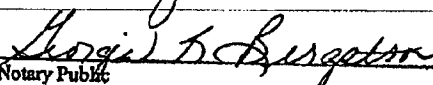


 Vijesh Unnikrishnan

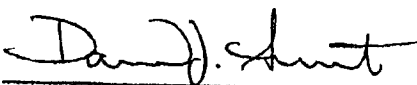
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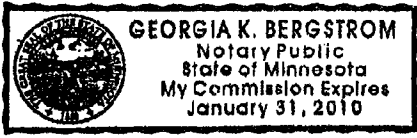
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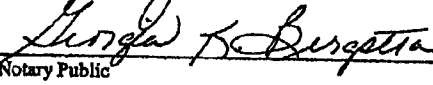


 David J. Smith

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