

# PATENT ASSIGNMENT

Electronic Version v1.1

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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>                                |
| Jose Carlos Pachon Mateos   | 12/16/2008   |
| Enrique Indalecio Pachon Mateos   | 12/16/2008   |
| <b>RECEIVING PARTY DATA</b>   |  |
| <b>Name:</b>  | St. Jude Medical, Atrial Fibrillation Division, Inc. |
| <b>Street Address:</b>  | 6500 Wedgwood Road                                   |
| <b>City:</b>  | Maple Grove  |
| <b>State/Country:</b>   | MINNESOTA  |
| <b>Postal Code:</b>   | 55311-3642   |
| <b>PROPERTY NUMBERS Total: 1</b>  |  |
| <b>Property Type</b>  | <b>Number</b>  |
| <b>Application Number:</b>  | 11202049   |
| <b>CORRESPONDENCE DATA</b>  |  |
| <b>Fax Number:</b>  | (651)756-2808  |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>                                    |  |
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| <b>Correspondent Name:</b>  | Reed R. Heimbecher                                   |
| <b>Address Line 1:</b>  | St. Jude Medical, AF Division, Inc.                  |
| <b>Address Line 2:</b>  | One St. Jude Medical Drive                           |
| <b>Address Line 4:</b>  | St. Paul, MINNESOTA 55117-9913                       |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 0G-045800US  |
| <b>NAME OF SUBMITTER:</b>   | Anne R. Carlberg                                     |
| <b>Total Attachments: 2</b><br>source=Fully_executed_assignment#page1.tif<br>source=Fully_executed_assignment#page2.tif |  |

OP \$40.00 11202049

**501196891**

**PATENT**  
**REEL: 024494 FRAME: 0427**

## ASSIGNMENT

WHEREAS, WE, José Carlos Pachón Mateos of AV.<sup>a</sup> Acoce 515-3º, Moema-Sao Paulo, 04075-023, Brazil and Enrique Indalecio Pachón Mateo of Al. Jurupis 900 – Bloco II Apt. 24, Moema-Sao Paulo, 04088-002, Brazil, hereinafter ASSIGNORS, have invented certain new and useful improvements in METHOD FOR ARRHYTHMIAS TREATMENT BASED ON SPECTRAL MAPPING DURING SINUS RHYTHM, for which United States patent application number 11/202,049 was filed on August 11, 2005;

AND WHEREAS St. Jude Medical, Atrial Fibrillation Division, Inc., a corporation organized and existing under the laws of the State of Minnesota, and having a business address at 6500 Wedgwood Road, Maple Grove, Minnesota 55311-3642, hereinafter ASSIGNEE, is desirous of acquiring the entire right, title, and interest in, to, and under said invention, said application, and any and all patents to be obtained therefor throughout the world;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and of other good and valuable consideration to us in hand paid by ASSIGNEE, the receipt of which is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do hereby sell, assign, and transfer unto ASSIGNEE, its successors and assigns, our entire right, title, and interest in and to said invention, said application, all divisions, continuations, continuations-in-part, reissues, or renewals thereof, and said patents, both foreign and domestic, that may or shall issue, including all of our entire rights under any and all international conventions;

AND WE HEREBY authorize ASSIGNEE, its successors and assigns, or anyone it may properly designate, to apply for patents, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and otherwise take advantage of the provisions of any and all international conventions;

AND WE HEREBY authorize and request any official of any State whose duty consists of issuing patents, or other evidence or forms of any industrial property protection on any aforesaid application, to issue same to ASSIGNEE, its successors and assigns, in accordance herewith;

AND WE HEREBY covenant and agree with ASSIGNEE, its successors and assigns, that we have the full right to convey the entire interest assigned herein, and that we have not executed, and will not execute, any agreement in conflict herewith, and that we will not do any other act whatsoever conflicting with these presents, and that we or our successors, assigns, executors, or administrators will at any time upon request, without further or additional consideration, but at the expense of ASSIGNEE, its successors and assigns, communicate to ASSIGNEE, its successors and assigns, any facts known to ASSIGNORS respecting said invention, and testify in any legal proceedings, sign any lawful papers, execute any original, divisional, continuation, and continuation-in-part applications, make any rightful oaths or declarations, and generally do such additional acts as ASSIGNEE, its successors and assigns, may deem necessary or desirable to obtain and enforce proper protection for said invention throughout the world;

Assignors' Initials

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AND WE HEREBY FURTHER covenant and agree that this Assignment is effective as of August 11, 2005.

IN TESTIMONY WHEREOF, ASSIGNORS hereunto set their hands on the under-mentioned day and year, and deliver this Assignment.

Date: DEC-16-2008 José Carlos Pachón Mateos  
José Carlos Pachón Mateos

Date: DEC-16-2008 Enrique Indalecio Pachón Mateo  
Enrique Indalecio Pachón Mateo

(Witness: Signature) Fabio D'Ayala Valva  
Printed name: FABIO D'AYALA VALVA

SAID ASSIGNEE HEREBY acknowledges the aforesaid statements and accepts the aforesaid Assignment, transfer, and set over of said invention;

AND, IN TESTIMONY WHEREOF, said ASSIGNEE hereunto sets its hand on the under-mentioned day and year.

Dec 30, 2008  
(Date) Jane J. Song  
(ASSIGNEE: Signature)  
Jane J. Song  
President  
St. Jude Medical, Atrial Fibrillation Division, Inc.

Larry Dahlquist  
(Witness: Signature)  
Printed name: LARRY DAHLQUIST

Assignors' Initials

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