

## 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>Stephan P. Miller</td> <td>09/14/2010</td> </tr> <tr> <td>Don Curtis Deno</td> <td>09/14/2010</td> </tr> <tr> <td>Saurav Paul</td> <td>11/11/2010</td> </tr> <tr> <td>Liane R. Teplitsky</td> <td>10/06/2010</td> </tr> </tbody> </table>		Name	Execution Date	Stephan P. Miller	09/14/2010	Don Curtis Deno	09/14/2010	Saurav Paul	11/11/2010	Liane R. Teplitsky	10/06/2010
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>St. Jude Medical, Atrial Fibrillation Division, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>One St. Jude Medical Drive</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>55117-9913</td> </tr> </table>		Name:	St. Jude Medical, Atrial Fibrillation Division, Inc.	Street Address:	One St. Jude Medical Drive	City:	St. Paul	State/Country:	MINNESOTA	Postal Code:	55117-9913
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 6517562808  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 6517562000        Email: evogt@sjm.com        Correspondent Name: Anne R. Carlberg        Address Line 1: St. Jude Medical, AF Division, Inc.        Address Line 2: One St. Jude Medical Drive        Address Line 4: St. Paul, MINNESOTA 55117-9913</p>											
ATTORNEY DOCKET NUMBER:	0G-044014US										
NAME OF SUBMITTER:	Emily A. Vogt										
Signature:	/Emily A. Vogt/										

PATENT

Date:

06/14/2013

**Total Attachments: 4**

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## ASSIGNMENT

WHEREAS, WE, Stephan P. Miller of 4529 Foothill Trail, Vadnais Heights, Minnesota 55127; Don Curtis Deno of 409 137th Lane NW, Andover, Minnesota 55304; Saurav Paul of 601 Main Street S.E., Apt. 522, Minneapolis, Minnesota 55414; and Liane R. Teplitsky of 621 36th Street, Manhattan Beach, California 90266, hereinafter ASSIGNORS, have invented certain new and useful improvements in System and method for assessing lesions in tissue, for which United States patent application number 12/622,488 was filed on 20 November 2009;

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 One St. Jude Medical Drive, St. Paul, Minnesota 55117-9913, 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 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

SPM DCD SP LRT  
SPM DCD SP LRT

PATENT


REEL: 030615 FRAME: 0963

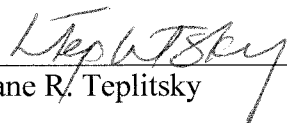
AND WE HEREBY FURTHER covenant and agree that this Assignment is effective as of 20 November 2009.

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

Date: 14-Sep-2010   
Stephan P. Miller


Date: 14-Sep-2010   
Don Curtis Deno

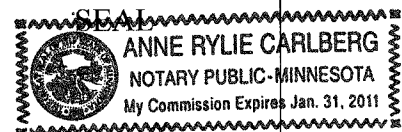
Date: Nov. 11, 2010   
Saurav Paul

Date: 06-Oct-2010   
Liane R. Teplitsky

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Stephan P. Miller, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the foregoing assignment and acknowledged to me that he executed the same in his authorized capacity and acknowledged that execution of the same was a free will act and deed.

14 September 2010 Ramsey/St. Paul/Minnesota  
(Date) (County/City/State)

31 January 2011   
(Commission Expiry Date) (Notary Public: Signature and Name)



Assignors' Initials

SPM / DCD / SP / LRT  
SPM DCD SP LRT

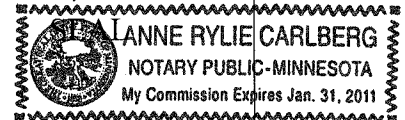
TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Don Curtis Deno, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the foregoing assignment and acknowledged to me that he executed the same in his authorized capacity and acknowledged that execution of the same was a free will act and deed.

14 September 2010  
(Date)

Ramsey / St Paul / Minnesota  
(County/City/State)

31 January 2011  
(Commission Expiry Date)

(Anne R. Carlberg)  
(Notary Public: Signature and Name)



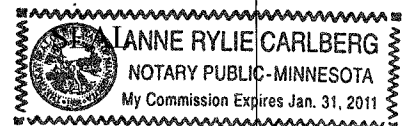
TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Saurav Paul, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the foregoing assignment and acknowledged to me that he executed the same in his authorized capacity and acknowledged that execution of the same was a free will act and deed.

11 November 2010  
(Date)

Ramsey / St. Paul / Minnesota  
(County/City/State)

31 January 2011  
(Commission Expiry Date)

(Anne R. Carlberg)  
(Notary Public: Signature and Name)



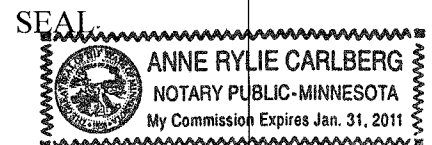
TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Liane R. Teplitsky, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the foregoing assignment and acknowledged to me that she executed the same in her authorized capacity and acknowledged that execution of the same was a free will act and deed.

6 October 2010  
(Date)

Ramsey / St. Paul / Minnesota  
(County/City/State)

31 January 2011  
(Commission Expiry Date)

(Anne R. Carlberg)  
(Notary Public: Signature and Name)



Assignors' Initials

SPM / DCD / SP / LRT

SPM DCD SP LRT

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.

12-13-2010  
(Date)

Stephen M. Tight  
(ASSIGNEE: Signature)  
Stephen Tight  
Vice President and General Counsel  
St. Jude Medical, Atrial Fibrillation Division, Inc.

Susan Twomey  
(Witness: Signature)

Printed name: Susan Twomey

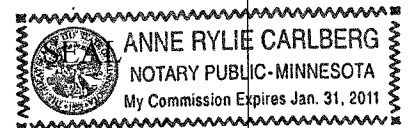
TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Stephen Tight, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the foregoing assignment and acknowledged to me that he executed the same in his authorized capacity and acknowledged that execution of the same was a free will act and deed.

13 December 2010  
(Date)

Ramsey / St. Paul / Minnesota  
(County/City/State)

31 January 2011  
(Commission Expiry Date)

Anne R. Carlberg  
(Notary Public: Signature and Name)



Assignors' Initials

SPM / DCD / SP / LRT  
SPM DCD SP LRT