

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>Xiaoping Guo</td> <td>01/27/2012</td> </tr> <tr> <td>James V. Kauphusman</td> <td>11/21/2011</td> </tr> <tr> <td>David P. Johnson</td> <td>12/06/2011</td> </tr> <tr> <td>Karen L. Armstrong</td> <td>12/06/2011</td> </tr> </tbody> </table>		Name	Execution Date	Xiaoping Guo	01/27/2012	James V. Kauphusman	11/21/2011	David P. Johnson	12/06/2011	Karen L. Armstrong	12/06/2011
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<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: (651)756-2808 Phone: 6517562000 Email: evogt@sjm.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Reed R. Heimbecher 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:	0B-142900US										
NAME OF SUBMITTER:	Emily A. Vogt										

OP \$40.00 12981292

Total Attachments: 4

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PATENT

REEL: 027647 FRAME: 0439

ASSIGNMENT

WHEREAS, WE, Xiaoping Guo of 9136 Gateway Lane, Eden Prairie, Minnesota 55347; James V. Kauphusman of 62 Villa Point Drive, Newport Beach, California 92660; David P. Johnson of 6300 Georgia Avenue North, Brooklyn Park, Minnesota 55428; and Karen L. Armstrong of 1442 Prairieland Avenue, Maple Plain, Minnesota 55359, hereinafter ASSIGNORS, have invented certain new and useful improvements in Hydrophobic catheter and composition, for which United States patent application number 12/981,292 was filed on 29 December 2010;

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

XG DPJ KLA
JK

PATENT

REEL: 027647 FRAME: 0440

AND WE HEREBY FURTHER covenant and agree that this Assignment is effective as of 29 December 2010.

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

Date: 1/27/2012 Xiaoping Guo
Xiaoping Guo

Date: 21 Nov 2011 James W. Kauphusman
James W. Kauphusman

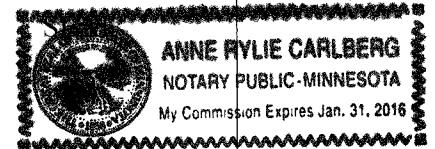
Date: 6 Dec. 2011 David P. Johnson
David P. Johnson

Date: 06 Dec 2011 Karen L. Armstrong
Karen L. Armstrong

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Xiaoping Guo, 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.

27 January 2012 Ramsey / St. Paul / Minnesota
(Date) (County/City/State)

31 January 2016 Anne H. Carlberg
(Commission Expiry Date) (Notary Public: Signature and Name)



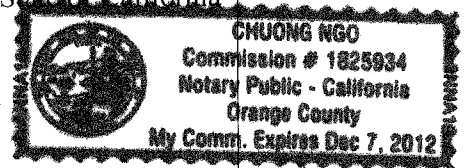
Assignors' Initials
XG JVK DPJ KLA
XG JVK DPJ KLA

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared James V. Kauphusman, 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.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

11-21-2011
(Date)

Orange / Irvine / CA
(County/City/State)



SEAL

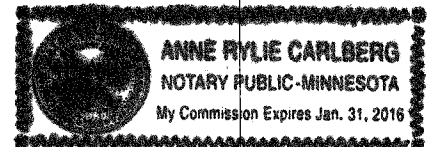
Dec 07 2012
(Commission Expiry Date)

Chuong Ngo
(Notary Public: Signature and Name)

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared David P. Johnson, 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.

6 December 2011
(Date)

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



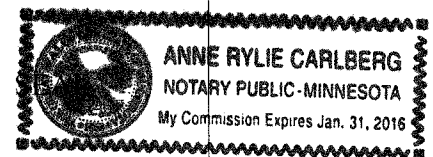
31 January 2016
(Commission Expiry Date)

Anne Rylie Carlberg
(Notary Public: Signature and Name)

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Karen L. Armstrong, 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 December 2011
(Date)

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



31 January 2016
(Commission Expiry Date)

Anne Rylie Carlberg
(Notary Public: Signature and Name)

Assignors' Initials

XG JVK DPJ KLA

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.

31 January 2012 (Date) Jane J Song (ASSIGNEE: Signature)
Jane J. Song
President
St. Jude Medical, Atrial Fibrillation Division, Inc.

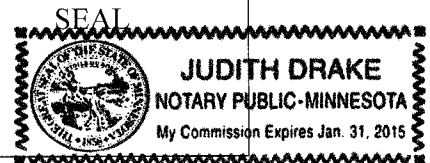
Valerie Storck (Witness: Signature)

Printed name: Valerie Storck-Williams

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Jane J. Song, 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.

31 January 2012 (Date) Ramsey, St Paul, Minnesota (County/City/State)

31 January 2015 (Commission Expiry Date) Judith Drake (Notary Public: Signature and Name)



Assignors' Initials

XG JVK DPJ KLA