

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Saurav Paul	08/12/2008
Troy T. Tegg	08/12/2008
Chou Thao	08/12/2008
Hong Cao	05/28/2008
Harry A. Puryear	06/27/2008
Fos Kuehn	08/12/2008
Reed R. Heimbecher	05/21/2008

RECEIVING PARTY DATA

Name:	St. Jude Medical, Atrial Fibrillation Division, Inc.
Street Address:	6500 Wedgwood Road
City:	Maple Grove
State/Country:	MINNESOTA
Postal Code:	55311-3642

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12091151

CORRESPONDENCE DATA

Fax Number: (952)351-1777  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
Phone: 9529334700  
Email: stwomey@sjm.com  
Correspondent Name: Reed R. Heimbecher  
Address Line 1: St. Jude Medical, AF Division, Inc.  
Address Line 2: 14901 DeVeau Place  
Address Line 4: Minnetonka, MINNESOTA 55345-2126

ATTORNEY DOCKET NUMBER:

0B-047916

PATENT

500640321

REEL: 021492 FRAME: 0461

OP \$40.00 12091151

NAME OF SUBMITTER:

Susan Twomey

Total Attachments: 5

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## ASSIGNMENT

WHEREAS, WE, Saurav Paul of 2250 Plymouth Road #302, Minnetonka, Minnesota 55305; Troy T. Tegg of 19307 Baldwin Street, Elk River, Minnesota 55330; Chou Thao of 10333 Major Drive, Brooklyn Park, Minnesota 55443; Hong Cao of 13511 Hillsboro Avenue, Savage, Minnesota 55378; Harry A. Puryear of 648 Sunset Court, Shoreview, Minnesota 55126; Fos Kuehn of 7214 17th Avenue South, Richfield, Minnesota 55423; and Reed R. Heimbecher of P.O. Box 33, Hamel, Minnesota 55340, hereinafter ASSIGNORS, have invented certain new and useful improvements in Systems and methods for electrode contact assessment, for which United States patent application number 12/091,151 was filed on 22 April 2008;

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 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;

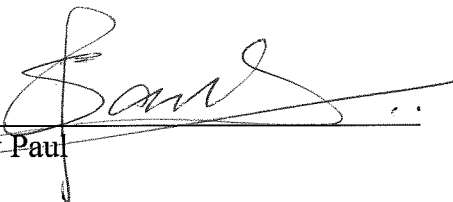
AND WE HEREBY covenant and agree with ASSIGNEE, its successors and assigns, that we have the full right to convey the entire interest assigned herein, and that we have not executed, and will not execute, any agreement in conflict herewith, and that we will not do any other act whatsoever conflicting 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

SP / TT / CT / HC / HP / FK / BM

AND WE HEREBY FURTHER covenant and agree that this Assignment is effective as of 22 April 2008.

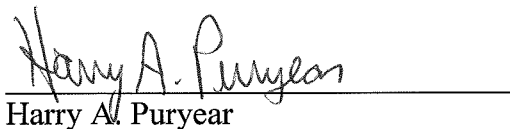
IN TESTIMONY WHEREOF, ASSIGNORS hereunto set their hands on the under-mentioned day and year, and deliver this Assignment.

Date: August 12, 2008   
Saurav Paul


Date: 8/12/08   
Troy T. Tegg

Date: 8/12/08   
Chou Thao

Date: 5/28/2008   
Hong Cao

Date: 27 June 2008   
Harry A. Puryear

Date: 8/12/08   
Fos Kuehn

Date: 21 May 2008   
Reed R. Heimbecher

Assignors' Initials

SP / TT / CT / HC / HP / FK / RH

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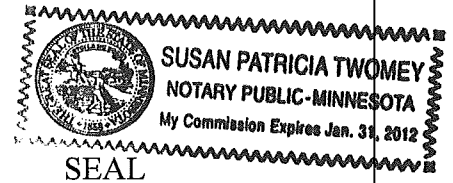
**PATENT**

**REEL: 021492 FRAME: 0464**

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/she executed the same in his/her authorized capacity.

12 August 2008  
(Date)

Minnetonka, MN  
(Place)



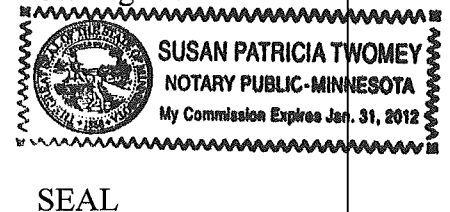
31 January 2012  
(Commission Expiry Date)

Susan Twomey  
(Notary Public: Signature and Name)

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place,  
personally appeared Troy T. Tegg, 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/she executed the same in his/her authorized capacity.

12 August 2008  
(Date)

Minnetonka, MN  
(Place)



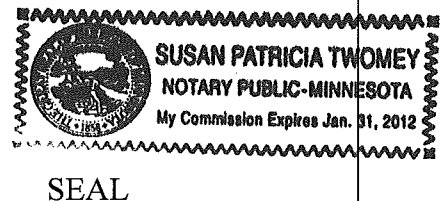
31 January 2012  
(Commission Expiry Date)

Susan Twomey  
(Notary Public: Signature and Name)

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place,  
personally appeared Chou Thao, 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/she executed the same in his/her authorized capacity.

12 August 2008  
(Date)

Minnetonka, MN  
(Place)



31 January 2012  
(Commission Expiry Date)

Susan Twomey  
(Notary Public: Signature and Name)

Assignors' Initials

SP / TT / CT / HC / NP / FK

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PATENT

REEL: 021492 FRAME: 0465

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place,  
personally appeared Hong Cao, 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/she executed the same in his/her authorized capacity.

28 May 2008  
(Date)

Minnetonka, MN  
(Place)



SEAL

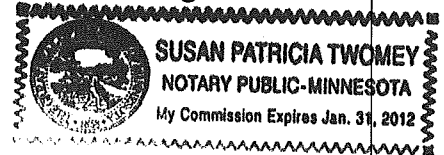
31 January 2012  
(Commission Expiry Date)

Susan Twomey  
(Notary Public: Signature and Name)

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place,  
personally appeared Harry A. Puryear, 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/she executed the same in his/her authorized capacity.

27 June 2008  
(Date)

Minnetonka, MN  
(Place)



SEAL

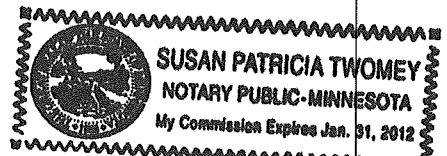
31 January 2012  
(Commission Expiry Date)

Susan Twomey  
(Notary Public: Signature and Name)

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place,  
personally appeared Fos Kuehn, 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/she executed the same in his/her authorized capacity.

12 August 2008  
(Date)

Minnetonka, MN  
(Place)



SEAL

31 January 2012  
(Commission Expiry Date)

Susan Twomey  
(Notary Public: Signature and Name)

Assignors' Initials

SP, TT, CT, HC, KP, FK, RA

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Reed R. Heimbecher, 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/she executed the same in his/her authorized capacity.

21 May 2008  
(Date)

Minnetonka, MN  
(Place)



SUSAN PATRICIA TWOMEY  
NOTARY PUBLIC - MINNESOTA  
My Commission Expires Jan. 31, 2012

SEAL

31 January 2012  
(Commission Expiry Date)

Susan Twomey  
(Notary Public: Signature and Name)

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.

18 August 2008  
(Date)

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

Paula A. Barnett  
(Witness: Signature)  
Printed name: Paula A. Barnett

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.

18 August 2008  
(Date)

Maple Grove, MN  
(Place)



JUDITH DRAKE  
NOTARY PUBLIC - MINNESOTA  
My Commission Expires Jan. 31, 2010

31 January 2010  
(Commission Expiry Date)

Judith Drake  
(Notary Public: Signature and Name)

Assignors' Initials

SP. / TT / CT / HC / HP / FK / ORA

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RECORDED: 09/08/2008

REEL: 021492 FRAME: 0467