

PATENT ASSIGNMENT

Electronic Version v1.1

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>Kulbir S. Sandhu</td> <td>01/19/2011</td> </tr> <tr> <td>Atila Amiri</td> <td>01/19/2011</td> </tr> <tr> <td>Samuel K. Gee</td> <td>01/19/2011</td> </tr> </tbody> </table>		Name	Execution Date	Kulbir S. Sandhu	01/19/2011	Atila Amiri	01/19/2011	Samuel K. Gee	01/19/2011		
Name	Execution Date										
Kulbir S. Sandhu	01/19/2011										
Atila Amiri	01/19/2011										
Samuel K. Gee	01/19/2011										
RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">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
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										
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>12982441</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12982441						
Property Type	Number										
Application Number:	12982441										
CORRESPONDENCE DATA											
<p>Fax Number: (651)756-2808</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 6517562000</p> <p>Email: evogt@sjm.com</p> <p>Correspondent Name: Reed R. Heimbecher</p> <p>Address Line 1: St. Jude Medical, AF Division, Inc.</p> <p>Address Line 2: One St. Jude Medical Drive</p> <p>Address Line 4: St. Paul, MINNESOTA 55117-9913</p>											
ATTORNEY DOCKET NUMBER:	0F-049501US										
NAME OF SUBMITTER:	Emily A. Vogt										
<p>Total Attachments: 4</p> <p>source=Fully_exec_AST#page1.tif</p>											

OP \$40.00 12982441

501435203

PATENT
REEL: 025792 FRAME: 0520

source=Fully_exec_AST#page2.tif
source=Fully_exec_AST#page3.tif
source=Fully_exec_AST#page4.tif

ASSIGNMENT

WHEREAS, WE, Kulbir S. Sandhu of 44611 Partlet Court, Fremont, California 94539; Atila Amiri of 34263 Tan Bark Drive, Fremont, California 94555; and Samuel K. Gee of 103 Alden Court, San Bruno, California 94066, hereinafter ASSIGNORS, have invented certain new and useful improvements in System and methods for avoiding data collisions over a data bus, for which United States patent application number 12/982,441 was filed on 30 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

KSS AA SKG

AND WE HEREBY FURTHER covenant and agree that this Assignment is effective as of 30 December 2010.

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

Date: 01/19/11 [Signature]
Kulbir S. Sandhu

Date: 01/19/11 [Signature]
Atila Amiri

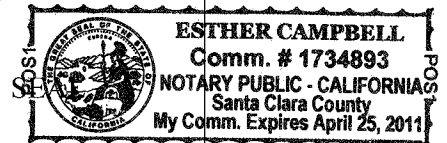
Date: 01/19/2011 [Signature]
Samuel K. Gee

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Kulbir S. Sandhu, 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.

1-19-2011 SANTA CLARA, SUNNYVALE, CA
(Date) (County/City/State)

4-25-2011 [Signature]
(Commission Expiry Date) (Notary Public: Signature and Name)



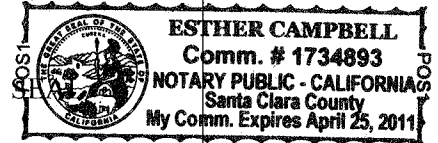
Assignors' Initials
[Initials]
KSS AA SKG

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Atila Amiri, 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 her 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.

1-19-2011
(Date)

SANTA CLARA, SUNNYVALE, CA
(County/City/State)



4-25-2011
(Commission Expiry Date)

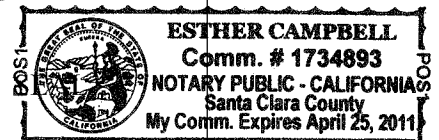
Esther Campbell
(Notary Public: Signature and Name)

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Samuel K. Gee, 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.

1-19-2011
(Date)

SANTA CLARA, SUNNYVALE, CA
(County/City/State)



4-25-2011
(Commission Expiry Date)

Esther Campbell
(Notary Public: Signature and Name)

Assignors' Initials

AA / SKG
KSS AA SKG

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.

08 FEB 2011

(Date)

Stephen A. 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.

8 February 2011

(Date)

Twomey / St. Paul / Minnesota

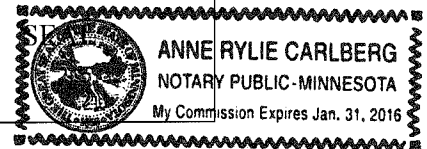
(County/City/State)

3 January 2016

(Commission Expiry Date)

Anne Rylie Carlberg

(Notary Public: Signature and Name)



Assignors' Initials

KSS AA SKG

KSS

AA

SKG

Page 4 of 4