

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5740123

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| ALAN DE LA RAMA | 11/20/2015 |
| CARY HATA | 11/20/2015 |
| TIM LA | 11/20/2015 |
| RECEIVING PARTY DATA | |
| Name: | ST JUDE MEDICAL CARDIOLOGY DIVISION, INC. |
| Street Address: | 177 EAST COUNTY ROAD B |
| City: | ST PAUL |
| State/Country: | MINNESOTA |
| Postal Code: | 55117 |
| PROPERTY NUMBERS Total: 2 | |
| Property Type | Number |
| Application Number: | 15331369 |
| Application Number: | 16444708 |
| CORRESPONDENCE DATA | |
| Fax Number: | (651)756-2808 |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> | |
| Phone: | 651-756-3251 |
| Email: | leanne.hillesland@abbott.com |
| Correspondent Name: | LEANNE HILLESLAND |
| Address Line 1: | ONE ST. JUDE MEDICAL DR. |
| Address Line 2: | TECH CENTER, #2-234 |
| Address Line 4: | ST PAUL, MINNESOTA 55117 |
| ATTORNEY DOCKET NUMBER: | CD-1100 |
| NAME OF SUBMITTER: | LEANNE HILLESLAND |
| SIGNATURE: | /Leanne Hillesland/ |
| DATE SIGNED: | 09/26/2019 |
| Total Attachments: 3 | |
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| source=F20151221a Executed AST#page2.tif | |

ASSIGNMENT

WHEREAS, WE, Alan de la Rama of 11325 Felson Street, Cerritos, California 90703; Cary Hata of 39 Waterspout, Irvine, California 92620; and Tim La of 4007 W. Roberts Drive, Santa Ana, California 92704, hereinafter ASSIGNORS, have invented certain new and useful improvements in HIGH DENSITY ELECTRODE MAPPING CATHETER, for which United States patent application number 62/244,630 was filed on 21 October 2015;

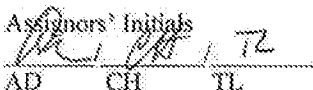
AND WHEREAS St. Jude Medical, Cardiology Division, Inc., a corporation organized and existing under the laws of the State of Minnesota, and having a business address at 177 East County Road B, St. Paul, Minnesota 55117, hereinafter ASSIGNEE, is desirous of acquiring the entire right, title, and interest 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

AD CH TL

AND WE HEREBY FURTHER covenant and agree that this Assignment is effective as of 21 October 2015.

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

Date: 11/20/15 [Signature]
Alan de la Rama

Date: 11/20/15 [Signature]
Cary Hata

Date: 11/20/2015 [Signature]
Tim La

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Alan de la Rama, 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.

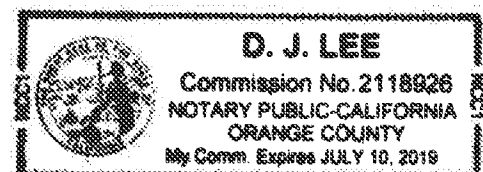
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

NOVEMBER 20th, 2015 ORANGE, ^{CA} IRVINE, CALIFORNIA
(Date) (County/City/State)

SEAL

JULY 10, 2019 [Signature]
(Commission Expiry Date) (Notary Public: Signature and Name)

Assignors' Initials
[Initials]
AD CH TL



A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

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

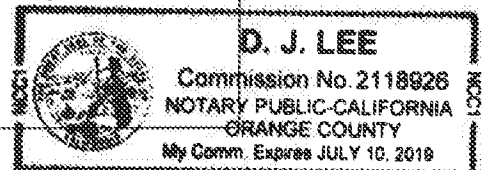
NOVEMBER 20th, 2015
(Date)

ORANGE, IRVINE, CALIFORNIA
(County/City/State)

JULY 10, 2019
(Commission Expiry Date)

D. J. Lee
(Notary Public: Signature and Name)

SEAL



A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

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

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

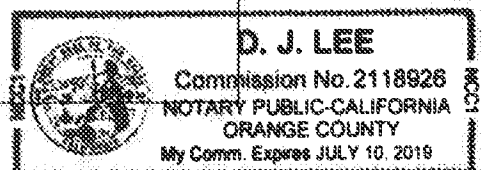
NOVEMBER 20th, 2015
(Date)

ORANGE, IRVINE, CALIFORNIA
(County/City/State)

JULY 10, 2019
(Commission Expiry Date)

David Lee
(Notary Public: Signature and Name)

SEAL



Assignors' Initials
AD CH TL
AD CH TL