

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5224450

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CRAIG MARKOVITZ	07/10/2017
STUART ROSENBERG	07/10/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ST JUDE MEDICAL, CARDIOLOGY DIVISION, INC.
<b>Street Address:</b>	177 EAST COUNTY ROAD B
<b>City:</b>	ST PAUL
<b>State/Country:</b>	MINNESOTA
<b>Postal Code:</b>	55117
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15868051
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(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>	
<b>Phone:</b>	651-756-3251
<b>Email:</b>	leanne.hillesland@abbott.com
<b>Correspondent Name:</b>	LEANNE HILLESLAND
<b>Address Line 1:</b>	ONE ST JUDE MEDICAL DR
<b>Address Line 2:</b>	TECH CENTER, #2-234
<b>Address Line 4:</b>	ST PAUL, MINNESOTA 55117
<b>ATTORNEY DOCKET NUMBER:</b>	CD-1241USO2
<b>NAME OF SUBMITTER:</b>	LEANNE HILLESLAND
<b>SIGNATURE:</b>	/Leanne Hillesland/
<b>DATE SIGNED:</b>	11/06/2018
<b>Total Attachments: 7</b>	
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## ASSIGNMENT

WHEREAS, WE, Craig Markovitz of Jahnallee 7, Leipzig, Germany 04109 and Stuart Rosenberg of 31413 Arena Drive, Castaic, California 91384, hereinafter ASSIGNORS, have invented certain new and useful improvements in a System and method for generating premature ventricular contraction electrophysiology maps, for which United States patent application number 62/446,039 was filed on 13 January 2017;

AND WHEREAS St. Jude Medical, Cardiology Division, Inc., a corporation organized and existing under the laws of Delaware, and having a business address at 177 East County Road B, St. Paul, MN 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 therefore 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;

AND I HEREBY FURTHER covenant and agree that this Assignment is effective as of 13 January 2017.

Assignors' Initials

CM SR

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

Date: \_\_\_\_\_

Craig Markovitz

Date: July 10, 2017

  
Stuart Rosenberg

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 Stuart Rosenberg, 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.

(Date)

(County/City/State)

SEAL

(Commission Expiry Date)

(Notary Public: Signature and Name)

*See attached*

Assignors' Initials

CM SR

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.

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(ASSIGNEE: Signature)

Thomas A. Rendos  
Division Counsel

\_\_\_\_\_  
(Witness: Signature)

Printed name: \_\_\_\_\_

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Thomas A. Rendos, 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.

In witness whereof I hereby authenticate the signature of the aforementioned signee by my signature and seal

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(County/City/State)

SEAL

\_\_\_\_\_  
(Commission Expiry Date)

\_\_\_\_\_  
(Notary Public: Signature and Name)

Assignors' Initials

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## ACKNOWLEDGMENT

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State of California

County of

Los Angeles

On

July 10, 2017

before me,

Dee Vetter Notary Public  
(insert name and title of the officer)

personally appeared

Stuart Rosenberg

who proved to me on the basis of satisfactory evidence to be the person ~~(s)~~ whose name ~~(s)~~ is/are subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity ~~(ies)~~, and that by his/~~her/their~~ signature ~~(s)~~ on the instrument the person ~~(s)~~, or the entity upon behalf of which the person ~~(s)~~ acted, executed the instrument.

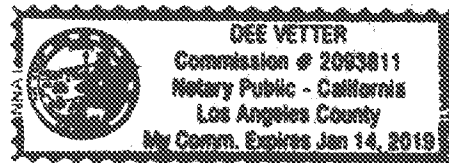
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

Dee Vetter

(Seal)



PATENT

REEL: 047424 FRAME: 0543

## ASSIGNMENT

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AND I HEREBY FURTHER covenant and agree that this Assignment is effective as of 13 January 2017.

Assignors' Initials

CM /  
CM 5R

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

Date: 7/10/17   
Craig Markovitz

Date: \_\_\_\_\_  
Stuart Rosenberg

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

\_\_\_\_\_  
(Date) (County/City/State)

SEAL

\_\_\_\_\_  
(Commission Expiry Date) (Notary Public: Signature and Name)

Assignors' Initials  
CM / SR  
CM SR



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.

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(ASSIGNEE: Signature)

Thomas A. Rendos  
Division Counsel

\_\_\_\_\_  
(Witness: Signature)

Printed name: \_\_\_\_\_

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In witness whereof I hereby authenticate the signature of the aforementioned signee by my signature and seal

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(County/City/State)

SEAL

\_\_\_\_\_  
(Commission Expiry Date)

\_\_\_\_\_  
(Notary Public: Signature and Name)

Assignors' Initials

CM /  
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