503129294 01/09/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN A. HAUCK	07/03/2013

RECEIVING PARTY DATA

Name:	St. Jude Medical, Atrial Fibrillation Division, Inc.	
Street Address:	One St. Jude Medical Drive	
City:	St. Paul	
State/Country:	MINNESOTA	
Postal Code:	55117	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14301923

CORRESPONDENCE DATA

Fax Number: (651)756-2808

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.

Phone: 6517562000 Email: evogt@sjm.com Correspondent Name: JAMES G. RODGERS

Address Line 1: ST. JUDE MEDICAL, AF DIVISION, INC.

Address Line 2: ONE ST. JUDE MEDICAL DRIVE Address Line 4: ST. PAUL, MINNESOTA 55117

ATTORNEY DOCKET NUMBER:	0G-050501US
NAME OF SUBMITTER:	EMILY A. VOGT
SIGNATURE:	/Emily A. Vogt/
DATE SIGNED:	01/09/2015

Total Attachments: 3

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> **PATENT** REEL: 034669 FRAME: 0932 503129294

ASSIGNMENT

WHEREAS, I, John A. Hauck of 5900 Hodgson Road, Shoreview, Minnesota 55126, hereinafter ASSIGNOR, have invented certain new and useful improvements in Multi-electrode impedance sensing, for which United States patent application number 61/833,739 was filed on 11 June 2013;

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, 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 me in hand paid by ASSIGNEE, the receipt of which is hereby acknowledged, I have sold, assigned, and transferred, and by these presents do hereby sell, assign, and transfer unto ASSIGNEE, its successors and assigns, my 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 my entire rights under any and all international conventions;

AND I 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 I 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 I HEREBY covenant and agree with ASSIGNEE, its successors and assigns, that I have the full right to convey the entire interest assigned herein, and that I have not executed, and will not execute, any agreement in conflict herewith, and that I will not do any other act whatsoever conflicting with these presents, and that I or my successors, assigns, executors, or administrators will at any time upon request, without further or additional consideration, but at the expense of

Assignor's Initials

PATENT REEL: 034669 FRAME: 0933 ASSIGNEE, its successors and assigns, communicate to ASSIGNEE, its successors and assigns, any facts known to ASSIGNOR 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 11 June 2013.

IN TESTIMONY WHEREOF, ASSIGNOR hereunto sets his hand on the under-mentioned day and year, and delivers this Assignment.

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

(Notary Public: Signature and Name)

ngr's Initials

	EREBY acknowledges the aforesaid statements and	
accepts the aforesaid Assigni	ment, transfer, and set over of said invention;	
AND, IN TESTIMON hand on the under-mentioned	NY WHEREOF, said ASSIGNEE hereunto sets its	
man on the many manning	, and your	
	<u> </u>	
(Date)	(ASSIGNEE: Signature)	
Ì	Philip Ebeling	
	VP Sr., R&D	
	St. Jude Medical, Atrial Fibrillation Division, Inc.	
	(Witness: Signature)	
	Printed pame:	
	Filmed danie.	
		
	18, a Notary Public in and for the under-mentioned	
	hilip Ebeling, who proved to me on the basis of he person whose name is subscribed to the foregoing	
	ed 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.		
	1	
(Date)	(County/City/State)	
	S€AL	
	<u>\</u>	
(Commission Expiry Date)	(Notary Public: Signature and Name)	

Assignor's Initials

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