

# PATENT ASSIGNMENT

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Daniel R. Starks	05/26/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	St. Jude Medical, Atrial Fibrillation Division, Inc.
<b>Street Address:</b>	6500 Wedgwood Road
<b>City:</b>	Maple Grove
<b>State/Country:</b>	MINNESOTA
<b>Postal Code:</b>	55311-3642
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
PCT Number:	US0887269
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(651)756-2808
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	6517562900
<b>Email:</b>	uweeks@sjm.com
<b>Correspondent Name:</b>	Reed R. Heimbecher
<b>Address Line 1:</b>	St. Jude Medical, AF Division, Inc.
<b>Address Line 2:</b>	One St. Jude Medical Drive
<b>Address Line 4:</b>	St. Paul, MINNESOTA 55117-9913
<b>ATTORNEY DOCKET NUMBER:</b>	0G-043101WO
<b>NAME OF SUBMITTER:</b>	Ursula Weeks
<b>Total Attachments: 3</b> source=Fully_executed_Assignment#page1.tif source=Fully_executed_Assignment#page2.tif source=Fully_executed_Assignment#page3.tif	

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**PATENT**  
**REEL: 023041 FRAME: 0303**

## ASSIGNMENT

WHEREAS, I, Daniel R. Starks of 5065 Isle Avenue North, Lake Elmo, Minnesota 55042, hereinafter ASSIGNOR, have invented certain new and useful improvements in Systems and methods for modeling both unobstructed and obstructed portions of a catheter, for which United States patent application number PCT/US2008/087269 was filed on 17 December 2008;

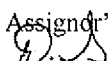
AND WHEREAS St. Jude Medical, Atrial Fibrillation Division, Inc., a corporation organized and existing under the laws of the State of Minnesota, and having a business address at 6500 Wedgwood Road, Maple Grove, Minnesota 55311-3642, hereinafter ASSIGNEE, is desirous of acquiring the entire right, title, 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 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

Assignor's Initials  


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 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 17 December 2008.

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

Date: 05/26/09      Daniel R. Starks  
Daniel R. Starks

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Daniel R. Starks, 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.

26 May 2009  
(Date)

Ramsey / St. Paul / Minnesota  
(County/City/State)



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)

Assignor's Initials  
D.R.

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.

29 May 2009  
(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 and acknowledged that execution of the same was a free will act and deed.

29 May 2009 Ramsey, St Paul, MN  
(Date) (County/City/State)

31 January 2010 Judith Drake  
(Commission Expiry Date) (Notary Public: Signature and Name)



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

Assignor's Initials  
W.S.