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SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY DATA						
		N	ame	Execution Date		
John W. Sliwa 02/07/2008						
RECEIVING PARTY DATA						
Name:	St. Jude Medical, Atrial Fibrillation Division, Inc.					
Street Address:	6500 Wedgwood Road					
City:	Maple Grove					
State/Country:	MINNESOTA					
Postal Code:	Code: 55311-3642					
PROPERTY NUMBERS Total: 1						
Property Type			Number			
Application Number: 1190		11963	784			
CORRESPONDENCE DATA						
Fax Number: (952)351-1777						
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.						
Phone: 9529334700						
Email: stwomey@sjm.com Correspondent Name: Reed R. Heimbecher						
Address Line 1: St. Jude Medical, AF Division, Inc.						
Address Line 2: 14901 DeVeau Place						
Address Line 4:	Minnetonka, MINNESOTA 55345-2126					
ATTORNEY DOCKET NUMBER:			0E-042500US			
NAME OF SUBMITTER:			Susan Twomey			
Total Attachments: 3 source=Fully_executed_AST#page1.tif source=Fully_executed_AST#page2.tif source=Fully_executed_AST#page3.tif						
				ΡΔΤΕΝΤ		

ASSIGNMENT

WHEREAS, I, John W. Sliwa of 24871 Olive Tree Lane, Los Altos Hills, California 94024, hereinafter ASSIGNOR, have invented certain new and useful improvements in System for delivering acoustic energy in connection with therapeutic ultrasound systems and catheters, for which United States patent application number 11/963,784 was filed on 21 December 2007;

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

ssignor's Initials

PATENT REEL: 020743 FRAME: 0869 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 21 December 2007.

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

John W. Sliwa Date: Date: <u></</u>¶/00 ℤ/ワ/0^B

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared John W. Sliwa, 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/she executed the same in his/her outhorized appearty.

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(Date)	(Place)	
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Apr 23, 2011	COMM. # 174 NOTARY PUBLIC: CA SANTA CLARA C MY COMM. EXP. APR	1213
(Commission Expiry Date)	(Notary Public: Signature and Name)	23, 2011

SAID ASSIGNEE HEREBY acknowledges the aforesaid statements and accepts the aforesaid Assignment, transfer, and set over of said invention;

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AND, IN TESTIMONY WHEREOF, said ASSIGNEE hereunto sets its hand on the under-mentioned day and year.

2<u>5 March</u> 2008 (Date)

(ASSIGNEE: Signature) Jane V. Song

President St. Jude Medical, Atrial Fibrillation Division, Inc.

a. Banta Witness: Signature) 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 he/she executed the same in his/her authorized capacity.

(Date) .11 IDIT NOTA Mv Co niesion Excites (Notary Public: Signature and Name) (Commission Expiry Date)

signor's Initials

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RECORDED: 04/02/2008