PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT			
CONVEYING PARTY DATA						
Name Execution Date						
Edward E. Parsonage			09/18/2013			
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	55117				
PROPERTY NUMBERS Total: 1						
Property Type			Number			
Application Number: 13799		13799623				
CORRESPONDENCE DATA						
Fax Number: 3146122307						
Fax Number:	01401220	307				
		il when the fax attempt is unsuccessful.				
<i>Correspondence will be</i> Phone:	e <i>sent via US Ma</i> 314-621-5	<i>il when the fax attempt is unsuccessful.</i> 5070				
<i>Correspondence will be</i> Phone: Email:	e <i>sent via US Mal</i> 314-621-5 sbrooks@	<i>il when the fax attempt is unsuccessful.</i> 5070 ¢armstrongteasdale.com				
<i>Correspondence will be</i> Phone: Email: Correspondent Name:	e <i>sent via US Ma</i> . 314-621-5 sbrooks@ Armstrong	<i>il when the fax attempt is unsuccessful.</i> 5070 ¢armstrongteasdale.com g Teasdale LLP				
<i>Correspondence will be</i> Phone: Email: Correspondent Name: Address Line 1:	e <i>sent via US Ma</i> . 314-621-5 sbrooks@ Armstrong 7700 Fors	<i>il when the fax attempt is unsuccessful.</i> 5070 garmstrongteasdale.com g Teasdale LLP syth Boulevard				
<i>Correspondence will be</i> Phone: Email: Correspondent Name:	e <i>sent via US Ma</i> . 314-621-5 sbrooks@ Armstrong 7700 Fors Suite 1800	<i>il when the fax attempt is unsuccessful.</i> 5070 garmstrongteasdale.com g Teasdale LLP syth Boulevard				
Correspondence will be Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	e sent via US Mai 314-621-5 sbrooks@ Armstrong 7700 Fors Suite 1800 St. Louis,	<i>il when the fax attempt is unsuccessful.</i> 5070 earmstrongteasdale.com g Teasdale LLP syth Boulevard 0				
Correspondence will be Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	e sent via US Mai 314-621-5 sbrooks@ Armstrong 7700 Fors Suite 1800 St. Louis,	<i>il when the fax attempt is unsuccessful.</i> 5070 earmstrongteasdale.com g Teasdale LLP Syth Boulevard 0 MISSOURI 63105				
Correspondence will be Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	e sent via US Mai 314-621-5 sbrooks@ Armstrong 7700 Fors Suite 1800 St. Louis,	<i>il when the fax attempt is unsuccessful.</i> 5070 parmstrongteasdale.com g Teasdale LLP syth Boulevard 0 MISSOURI 63105 CD-710US				
Correspondence will be Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET INAME OF SUBMITTER	e sent via US Mai 314-621-5 sbrooks@ Armstrong 7700 Fors Suite 1800 St. Louis,	il when the fax attempt is unsuccessful. 5070 parmstrongteasdale.com g Teasdale LLP Syth Boulevard 0 MISSOURI 63105 CD-710US Christopher M. Goff				

In the United States Patent and Trademark Office

Applicant:	Edward E. Parsonage	Docket No.:	CD-710US
Serial No.:	13/799,623	Group:	To be assigned
Confirmation No:	7273	Examiner;	To be assigned
Filed:	March 13, 2013		
For		S AND SYSTEMS INCLUDING RO	DTATIONAL MONITORING MEANS

Assignment – Sole Inventor

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

WHEREAS Edward E. Parsonage residing at 2025 Norfolk Ave., St. Paul, Minnesota 55116 (hereinafter referred to as Assignor), has made an invention and has either (1) previously executed an application for Letters Patent of the United States of America therefor or (2) is contemporaneously executing an application for Letters Patent of the United States of America for the invention which is entitled:

ABLATION CATHETERS AND SYSTEMS INCLUDING ROTATIONAL MONITORING MEANS

AND WHEREAS St. Jude Medical, Cardiology Division, Inc., a corporation of the State of Delaware, having offices at 177 East County Road B, St. Paul, Minnesota 55117-9913 United States of America, (hereinafter referred to as "Assignee"), is desirous of acquiring the entire right, title and interest in and to said invention and under said Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor hereby sells, assigns and transfers to Assignee the full and exclusive right, title and interest to said invention and in and to any and all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, continuation-in-part, divisional, renewal, substitute, re-examination, coversion or reissue thereof, including any extensions thereof, or any legal equivalent thereof in any foreign country for the full term or terms for which the same may be granted, including any and all convention rights.

Assignor hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

Assignor further covenants that Assignor will promptly provide, upon written request, Assignee with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to Assignor and Assignor will promptly execute and deliver to Assignee or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue, extend and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, Assignor has executed this document on the date indicated below:

Edward E. Parsonage

Date: 18 Sept 13

PATENT REEL: 031248 FRAME: 0187

RECORDED: 09/20/2013