

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
James V. Kauphusman	08/04/2010
Allan Fuentes	08/16/2010
Troy T. Tegg	09/17/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	St. Jude Medical, Atrial Fibrillation Division, Inc.
<b>Street Address:</b>	One St. Jude Medical Drive
<b>City:</b>	St. Paul
<b>State/Country:</b>	MINNESOTA
<b>Postal Code:</b>	55117-9913
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12615016
<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>	6517562000
<b>Email:</b>	evogt@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>	0B-059600US
<b>NAME OF SUBMITTER:</b>	Emily A. Vogt

Total Attachments: 4  
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**501314444**

**PATENT  
 REEL: 025109 FRAME: 0986**

**OP \$40.00 12615016**

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## ASSIGNMENT

WHEREAS, WE, James V. Kauphusman of 11681 Norway Court, Champlin, Minnesota 55316; Allan Fuentes of 1455 Westwood Drive, Mound, Minnesota 55364; and Troy T. Tegg of 19307 Baldwin Circle NW, Elk River, Minnesota 55330, hereinafter ASSIGNORS, have invented certain new and useful improvements in Device for reducing axial shortening of catheter or sheath due to repeated deflection, for which United States patent application number 12/615,016 was filed on 09 November 2009;

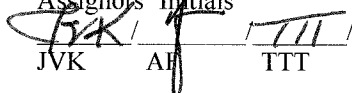
AND WHEREAS St. Jude Medical, Atrial Fibrillation Division, Inc., a corporation organized and existing under the laws of the State of Minnesota, and having a business address at One St. Jude Medical Drive, St. Paul, Minnesota 55117-9913, hereinafter ASSIGNEE, is desirous of acquiring the entire right, 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 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;

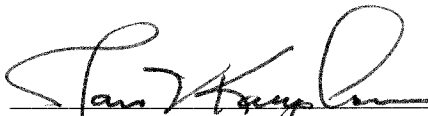
AND WE HEREBY authorize and request any official of any State whose duty consists of issuing patents, or other evidence or forms of any industrial property protection on any aforesaid application, to issue same to ASSIGNEE, its successors and assigns, in accordance herewith;

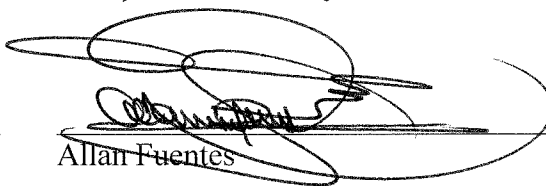
AND WE HEREBY covenant and agree with ASSIGNEE, its successors and assigns, that we have the full right to convey the entire interest assigned herein, and that we have not executed, and will not execute, any agreement in conflict herewith, and that we will not do any other act whatsoever conflicting 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;

Assignors' Initials  
  
JVK      AJF      TTT

AND WE HEREBY FURTHER covenant and agree that this Assignment is effective as of 09 November 2009.

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

Date: 04 Aug 2010   
James V. Kauphusman

Date: 16 Aug. 2010   
Allan Fuentes

Date: 9/17/10   
Troy T. Tegg

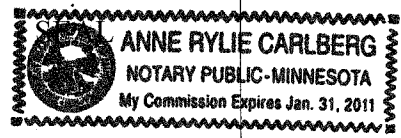
TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared James V. Kauphusman, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the foregoing assignment and acknowledged to me that he executed the same in his authorized capacity and acknowledged that execution of the same was a free will act and deed.

4 August 2010  
(Date)

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

31 January 2011  
(Commission Expiry Date)

  
(Notary Public: Signature and Name)



Assignors' Initials  
JVK AF TTT

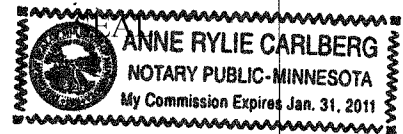
TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Allan Fuentes, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the foregoing assignment and acknowledged to me that he executed the same in his authorized capacity and acknowledged that execution of the same was a free will act and deed.

16 August 2010  
(Date)

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

31 January 2011  
(Commission Expiry Date)

Anne Carlberg  
(Notary Public: Signature and Name)



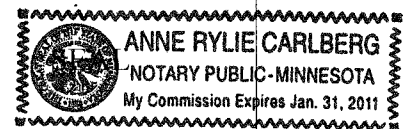
TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Troy T. Tegg, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the foregoing assignment and acknowledged to me that he executed the same in his authorized capacity and acknowledged that execution of the same was a free will act and deed.

17 September 2010  
(Date)

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

31 January 2011  
(Commission Expiry Date)

Anne Carlberg  
(Notary Public: Signature and Name)



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

Assignors' Initials  
JVK    AT    TTT  
JVK    AT    TTT

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

10-4-2010  
(Date)

Steph A. Tight  
(ASSIGNEE: Signature)  
Stephen Tight  
Vice President and General Counsel  
St. Jude Medical, Atrial Fibrillation Division, Inc.

Susan Twomey  
(Witness: Signature)

Printed name: Susan Twomey

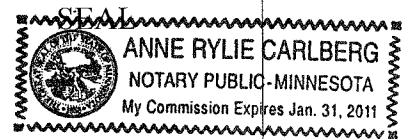
TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Stephen Tight, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the foregoing assignment and acknowledged to me that he executed the same in his authorized capacity and acknowledged that execution of the same was a free will act and deed.

4 October 2010  
(Date)

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

31 January 2011  
(Commission Expiry Date)

Anne Carlberg  
(Notary Public: Signature and Name)



Assignors' Initials  
JVK AF TTT