

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>James V. Kauphusman</td><td>11/09/2007</td></tr><tr><td>Allan M. Fuentes</td><td>12/06/2007</td></tr><tr><td>Troy T. Tegg</td><td>12/06/2007</td></tr><tr><td>Dale E. Just</td><td>11/12/2007</td></tr></tbody></table>		Name	Execution Date	James V. Kauphusman	11/09/2007	Allan M. Fuentes	12/06/2007	Troy T. Tegg	12/06/2007	Dale E. Just	11/12/2007
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RECEIVING PARTY DATA											
Name:	St. Jude Medical, Atrial Fibrillation Division, Inc.										
Street Address:	6500 Wedgwood Road										
City:	Maple Grove										
State/Country:	MINNESOTA										
Postal Code:	55311-3642										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>PCT Number:</td><td>US0780945</td></tr></tbody></table>		Property Type	Number	PCT Number:	US0780945						
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PCT Number:	US0780945										
CORRESPONDENCE DATA											
Fax Number:	(952)351-1777										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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:	0B-051702WO										
NAME OF SUBMITTER:	Susan Twomey										
Total Attachments: 4											

OP \$40.00 US0780945

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PATENT  
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## ASSIGNMENT

WHEREAS, WE, James V. Kauphusman of 11681 Norway Court, Champlin, Minnesota 55316-2623; Allan M. Fuentes of 1455 Westwood Drive, Mound, Minnesota 55364; Troy T. Tegg of 19307 Baldwin Street, Elk River, Minnesota 55330; and Dale E. Just of 4005-19th Avenue South, Minneapolis, Minnesota 55407, hereinafter ASSIGNORS, have invented certain new and useful improvements in Circuit for a catheter or sheath and method of forming same, for which United States patent application number PCT/US2007/80945 was filed on 10 October 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 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

*AK J / TJ Vay*

AND WE HEREBY FURTHER covenant and agree that this Assignment is effective as of 10 October 2007.

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

Date: 09 Nov 07 James V. Kauphusman  
James V. Kauphusman

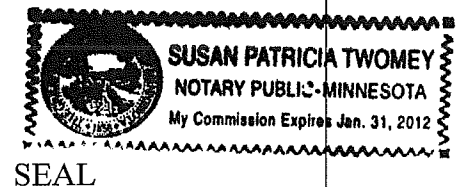
Date: 12/6/07 Allan M. Fuentes  
Allan M. Fuentes

Date: 12/6/07 Troy T. Tegg  
Troy T. Tegg

Date: 12 NOV 07 Dale E. Just  
Dale E. Just

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared James V. Kauphusman, to me known and known to me to be the person of that name, who signed the foregoing Assignment and acknowledged that execution of the same was a free act and deed.

09 November 2007 Minnetonka, Minnesota  
(Date) (Place)



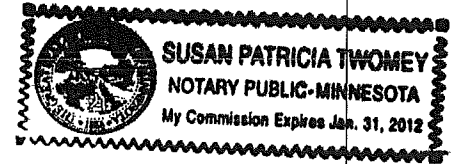
31 January 2012 Susan Twomey  
(Commission Expiry Date) (Notary Public: Signature and Name)

Assignors' Initials  
JKI T.T. DJ

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Allan M. Fuentes, to me known and known to me to be the person of that name, who signed the foregoing Assignment and acknowledged that execution of the same was a free act and deed.

06 December 2007  
(Date)

Minnetonka, MN  
(Place)



SEAL

31 January 2012  
(Commission Expiry Date)

Susan Twomey  
(Notary Public: Signature and Name)

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Troy T. Tegg, to me known and known to me to be the person of that name, who signed the foregoing Assignment and acknowledged that execution of the same was a free act and deed.

06 December 2007  
(Date)

Minnetonka, MN  
(Place)



SEAL

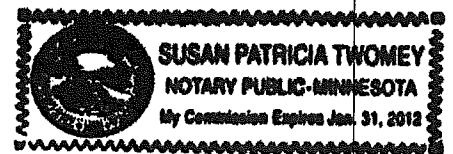
31 January 2012  
(Commission Expiry Date)

Susan Twomey  
(Notary Public: Signature and Name)

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Dale E. Just, to me known and known to me to be the person of that name, who signed the foregoing Assignment and acknowledged that execution of the same was a free act and deed.

12 December 2007  
(Date)

Minnetonka, MN  
(Place)



SEAL

31 January 2012  
(Commission Expiry Date)

Susan Twomey  
(Notary Public: Signature and Name)

Assignors' Initials

AK J T D [Signature]

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.

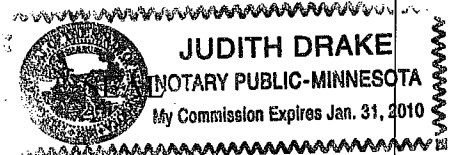
17 December 2007 (Date) Jane J. Song (ASSIGNEE: Signature)

Jane J. Song  
President  
St. Jude Medical, Atrial Fibrillation Division, Inc.

Julia Drake (Witness: Signature)  
Printed name: Julia Drake Spurgeon

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Jane J. Song, to me known and known to me to be the person of that name, who signed the foregoing Assignment and acknowledged that execution of the same was a free act and deed.

17 December 2007 (Date) Maple Grove, Mn (Place)



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

Assignors' Initials

BK F 170 Dyl...