

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Lev A. Koyrakh	01/07/2011
Jeffrey A. Schweitzer	02/25/2011
Daniel R. Starks	01/12/2011
Carlos Carbonera	02/14/2011
RECEIVING PARTY DATA	
Name:	St. Jude Medical, Atrial Fibrillation Division, Inc.
Street Address:	One St. Jude Medical Drive
City:	St. Paul
State/Country:	MINNESOTA
Postal Code:	55117-9913
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12972253
CORRESPONDENCE DATA	
Fax Number:	(651)756-2808
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	6517562000
Email:	evogt@sjm.com
Correspondent Name:	Reed R. Heimbecher
Address Line 1:	St. Jude Medical, AF Division, Inc.
Address Line 2:	One St. Jude Medical Drive
Address Line 4:	St. Paul, MINNESOTA 55117-9913
ATTORNEY DOCKET NUMBER:	OG-045500US
NAME OF SUBMITTER:	Emily A. Vogt
Total Attachments: 4 source=Fully_exec_AST#page1.tif source=Fully_exec_AST#page2.tif source=Fully_exec_AST#page3.tif source=Fully_exec_AST#page4.tif	

OP \$40.00 12972253

ASSIGNMENT

WHEREAS, WE, Lev A. Koyrakh of 4595 Forestview Lane North, Plymouth, Minnesota 55442; Jeffrey A. Schweitzer of 1502 Huron Street, St. Paul, Minnesota 55108; Daniel R. Starks of 5065 Isle Avenue North, Lake Elmo, Minnesota 55042; and Carlos Carbonera of 1019 Fairview Avenue S., St. Paul, Minnesota 55116, hereinafter ASSIGNORS, have invented certain new and useful improvements in Navigational reference dislodgement detection method and system, for which United States patent application number 12/972,253 was filed on 17 December 2010;

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
LAK / JAS / DRS / CC
LAK JAS DRS CC

AND WE HEREBY FURTHER covenant and agree that this Assignment is effective as of 17 December 2010.

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

Date: 1/7/2011 Lev Koyrakh
Lev A. Koyrakh

Date: 25 Feb 2011 Jeff Schweitzer
Jeffrey A. Schweitzer

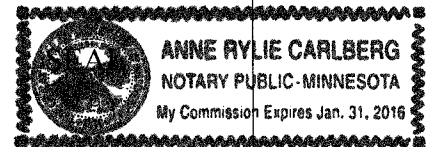
Date: 01/12/11 Daniel R. Starks
Daniel R. Starks

Date: 02/14/2011 Carlos Carbonera
Carlos Carbonera

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Lev A. Koyrakh, 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.

7 January 2011 Ramsey / St. Paul / Minnesota
(Date) (County/City/State)

31 January 2016 Anne R. Carlberg
(Commission Expiry Date) (Notary Public: Signature and Name)

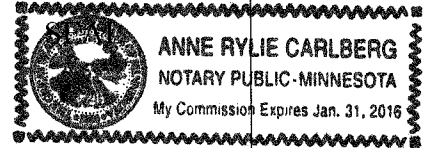


Assignors' Initials
LAK / JAS / DRS / CC
LAK JAS DRS CC

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Jeffrey A. Schweitzer, 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.

25 February 2011
(Date)

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



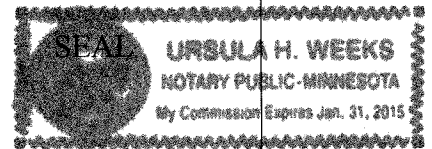
31 January 2016
(Commission Expiry Date)

Anne Rylie Carlberg
(Notary Public: Signature and Name)

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.

12 January 2011
(Date)

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



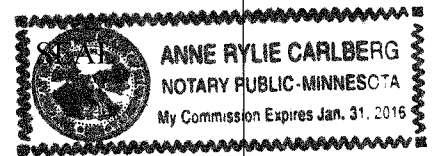
31 January 2015
(Commission Expiry Date)

Ursula H. Weeks
(Notary Public: Signature and Name)

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Carlos Carbonera, 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.

14 February 2011
(Date)

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



31 January 2016
(Commission Expiry Date)

Anne Rylie Carlberg
(Notary Public: Signature and Name)

Assignors' Initials

LAK / JAS / DRS / CC
LAK JAS DRS CC

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.

3-17-2011
(Date)

Stephen 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

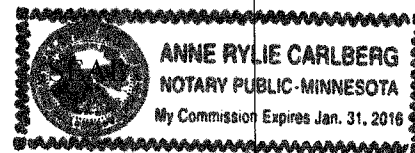
TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Stephen Tight, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the foregoing assignment and acknowledged to me that he executed the same in his authorized capacity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

17 March 2011
(Date)

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

31 January 2016
(Commission Expiry Date)

Anne Carlberg
(Notary Public: Signature and Name)



Assignors' Initials
C-K, JAS, DRS, CC
LAK JAS DRS CC