

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Anthony D. Hill	10/17/2011
D. Curtis Deno	10/18/2011
Robert D. Aiken	10/17/2011
Hua Zhong	09/24/2011
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:	12979210
CORRESPONDENCE DATA	
Fax Number:	(651)756-2808
Phone:	6517562000
Email:	evogt@sjm.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
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:	0G-047300US
NAME OF SUBMITTER:	Emily A. Vogt

OP \$40.00 12979210

501720577

PATENT
REEL: 027210 FRAME: 0160

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

PATENT

REEL: 027210 FRAME: 0161

ASSIGNMENT

WHEREAS, WE, Anthony D. Hill of 3601 16th Avenue S., Minneapolis, Minnesota 55407; D. Curtis Deno of 409 137th Lane NW, Andover, Minnesota 55304; Robert D. Aiken of 7640 Minar Lane N., Stillwater, Minnesota 55082; and Hua Zhong of 6322 Crombie Street, Pittsburgh, Pennsylvania 15217; hereinafter ASSIGNORS, have invented certain new and useful improvements in Refinement of an anatomical model using ultrasound, for which United States patent application number 12/979,210 was filed on 27 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

ADH / DCD / RDA / HZ
ADH DCD RDA HZ

AND WE HEREBY FURTHER covenant and agree that this Assignment is effective as of 27 December 2010.

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

Date: 10/17/2011 [Signature]
Anthony D. Hill

Date: ^{DCD} 10/18/2011 ^{RDA} W. Curtis Deno
D. Curtis Deno

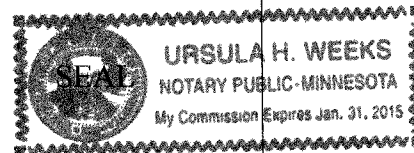
Date: Oct 17, 2011 [Signature]
Robert D. Aiken

Date: 9-24-2011 [Signature]
Hua Zhong

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Anthony D. Hill, 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 October 2011 Ramsey/St Paul/Minnesota
(Date) (County/City/State)

31 January 2015 [Signature]
(Commission Expiry Date) (Notary Public: Signature and Name)



Assignors' Initials
ADH / DCD / RDA / H.Z.
ADH DCD RDA HZ

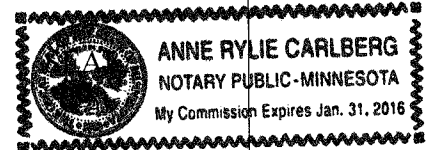
TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared D. Curtis Deno, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the foregoing assignment and acknowledged to me that he executed the same in his authorized capacity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

18 October 2011
(Date)

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

31 January 2016
(Commission Expiry Date)

Anne R. Carlberg
(Notary Public: Signature and Name)



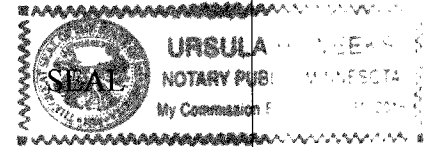
TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Robert D. Aiken, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the foregoing assignment and acknowledged to me that he executed the same in his authorized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

17 October 2011
(Date)

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

31 January 2015
(Commission Expiry Date)

Ursula
(Notary Public: Signature and Name)



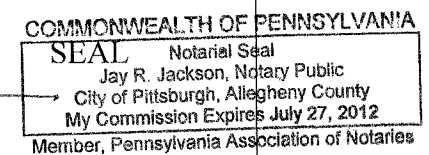
TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Hua Zhong, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the foregoing assignment and acknowledged to me that he executed the same in his authorized capacity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

9/24/2011
(Date)

Allegheny/Pittsburgh/PA
(County/City/State)

7/27/2012
(Commission Expiry Date)

J. R. Jackson
(Notary Public: Signature and Name)



Assignors' Initials

ADH / DCD / RDA / HZ
ADH DCD RDA HZ

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.

11-3-2011
(Date)

Stephen 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

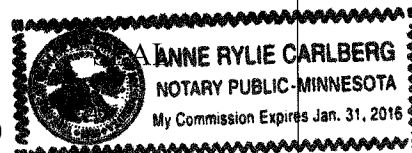
TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Stephen Tight, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the foregoing assignment and acknowledged to me that he executed the same in his authorized capacity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

3 November 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

ADH / DCD / RDA / HZ
ADH DCD RDA HZ