504426324 06/22/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEPHEN A. MORSE	05/18/2017
CARY HATA	05/23/2017

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	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15630134	

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NAME OF SUBMITTER:	CHRISTOPHER M. GOFF	
SIGNATURE:	/Christopher M. Goff/	
DATE SIGNED:	06/22/2017	

Total Attachments: 2

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PATENT 504426324 REEL: 042786 FRAME: 0958

In the United States Patent and Trademark Office

Applicants:

John Sliwa et al.

Docket No.:

CD-1150US

Serial No.:

62/353.606

Group:

Confirmation No:

7615

Examiner:

Filed:

June 23, 2016

For:

CATHETER SYSTEM AND ELECTRODE ASSEMBLY FOR INTRAPROCEDURAL EVALUATION OF RENAL

DENERVATION

Assignment - Joint Inventors

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

Sic

WHEREAS John Sliwa residing at 38 North Almaden Blvd., San Jose, California 95110, Stephen A. Morse residing at 3700 Fair Oaks Avenue, Menlo Park, California 94025 and Cary Hata residing at 39 Waterspout, Irvine, California 92618 (hereinafter collectively referred to as Assignors), have made an invention and have each either (1) previously executed an application for Letters Patent of the United States of America for the invention which is entitled:

CATHETER SYSTEM AND ELECTRODE ASSEMBLY FOR INTRAPROCEDURAL EVALUATION OF RENAL DENERVATION

AND WHEREAS St. Jude Medical, Cardiology Division, Inc. corporation of the State of Delaware, having offices at 177 East County Road B, St. Paul, Minnesota, 55117 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, the Assignore hereby sell, assign and transfer to the 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, conversion or reissue thereof, including all 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.

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

The Assignors further covenant that the Assignors 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 the Assignors and that they 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, the Assignors have executed this document on the date indicated below:

	Date:	
John Silve John A. Moree	Date:	44/44
, ,	Date:	
Cary Hata		

PATENT REEL: 042786 FRAME: 0959

in the United States Patent and Trademark Office

Docket No.: CD-1150US Applicants: John Sliwa et al. Serial No.: 62/353.606 Group: Confirmation No: 7615 Examiner: Filed: June 23, 2016 For: CATHETER SYSTEM AND ELECTRODE ASSEMBLY FOR INTRAPROCEDURAL EVALUATION OF RENAL DENERVATION Assignment - Joint Inventors Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Sir: WHEREAS John Sliwa residing at 38 North Almaden Blvd., San Jose, California 95110, Stephen A. Morse residing at 3700 Fair Oaks Avenue, Menlo Park, California 94025 and Cary Hata residing at 39 Waterspout, Irvine, California 92620 (hereinafter collectively referred to as Assignors), have made an invention and have each either (1) previously executed an application for Letters Patent of the United States of America therefor or (2) are contemporaneously executing an application for Letters Patent of the United States of America for the invention which is entitled: CATHETER SYSTEM AND ELECTRODE ASSEMBLY FOR INTRAPROCEDURAL EVALUATION OF RENAL DENERVATION AND WHEREAS St. Jude Medical, Cardiology Division, Inc. corporation of the State of Delaware, having offices at 177 East County Road B, St. Paul, Minnesota, 55117 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, the Assignors hereby sell, assign and transfer to the 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, conversion or reissue thereof, including all 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. The Assignors hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale. The Assignors further covenant that the Assignors 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 the Assignors and that they 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, the Assignors have executed this document on the date indicated below: Date: John Sliwa Date:

> **PATENT** REEL: 042786 FRAME: 0960

Date:

5/23/2017

RECORDED: 06/22/2017

Stephen A. Morse

Cary Hata