

RECORDATION FORM COVER SHEET
PATENTS ONLY

Atty Ref/Docket No.: 279.J82US1

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Deepa Mahajan, Yanting Dong, Sunipa Saha, Holly Rockweiler, Kenneth N. Hayes, Krzysztof Z. Siejko, Clayton S. Foster

Additional name(s) of conveying party(ies) attached?

[] Yes [X] No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: June 12, 2013, June 22, 2013, July 9, 2013, June 12, 2013, June 10, 2013, June 21, 2013, July 12, 2013

2. Name and address of receiving party(ies):

Name: Cardiac Pacemakers, Inc.
Street Address: 4100 Hamline Avenue North
City: St. Paul State: MN Zip: 55112-5798
Country: United States of America

Additional name(s) & address(es) attached? [] Yes [X] No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

Serial No. 13/925,427, filed June 24, 2013

B. Patent No.(s)

Additional numbers attached? [] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Suneel Arora
Address: Schwegman, Lundberg & Woessner, P.A.
P.O. Box 2938
Minneapolis, MN 55402--0938

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

- Enclosed
- Authorized to be charged to deposit account 19-0743

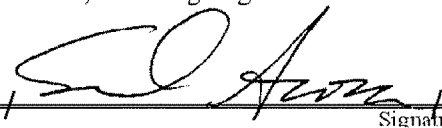
8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Suneel Arora/Reg. No. 42,267
Name of Person Signing


Signature

July 23, 2013
Date

Total number of pages including cover sheet: 9

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Mail Stop Assignment Recordation Services
P.O. Box 1450
Alexandria, VA 22313-1450

CH \$40.00 190743 13925427

PATENT

COMBINED DECLARATION & ASSIGNMENT	Attorney Docket No.: 279.J82US1	Page 1 of 2
	Client Ref No. 11-163US01	
	Title: SYSTEM AND METHOD FOR SELECTION OF PACING VECTORS	

ASSIGNMENT

WHEREAS, I, Deepa Mahajan, Yanting Dong, Sunipa Saha, Holly Rockweiler, Kenneth N. Hayes, Krzysztof Z. Siejko, Clayton S. Foster, have invented certain new and useful improvements as described in U.S. patent application, entitled SYSTEM AND METHOD FOR SELECTION OF PACING VECTORS, the application having been executed on even date herewith, and/or being identified in the United States Patent and Trademark Office ("USPTO") by Application No. _____, filed _____ ("Invention"); and

WHEREAS, Cardiac Pacemakers, Inc., a Corporation of the State of Minnesota, and having an address of 4100 Hamline Avenue North, St. Paul, MN 55112-5798 (together with its successors and assigns, the "Assignee"), seeks to memorialize its ownership of the entire right, title and interest in and to the Invention;

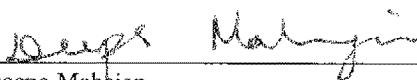
NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, I transfer to Assignee my entire right, title, and interest in and to the Invention, including all inventions disclosed or claimed in the above-identified patent application, including any improvements thereof, any corresponding domestic applications (e.g., provisional, non-provisional, divisional, continuation, continuation-in-part, reexamination, and/or reissue patent), any corresponding foreign applications, all patents issuing thereon, or other patent application based off or claiming priority to the above-identified patent application, and all rights and benefits under any applicable treaty or convention. I authorize the USPTO (or foreign equivalent thereof) to issue any patent (or similar legal protection) to the Assignee.

I authorize the Assignee to insert in this instrument the filing date and application number of the application when ascertained. I hereby authorize the Assignee (or its designee) to apply for patent (or similar legal protection) in its own name if desired, in any and all countries.

I represent to the Assignee that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I agree when requested, without additional consideration, but at the expense of the Assignee, to provide additional reasonable assistance necessary to memorialize this assignment, to execute all oaths, declarations, assignments, powers of attorney and other papers necessary to perfect and vest title to the rights assigned herein to the Assignee; and will render all assistance in filing, obtaining, maintaining, and enforcing any patent (or similar legal protection) on the Invention in any and all countries.

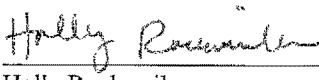
DECLARATION

I have reviewed and understand the contents of the above-identified patent application including the claims, and I believe I am an original or an original joint inventor of a claimed invention in the above-identified patent application. The above-identified patent application was made or authorized to be made by me. I am aware of and acknowledge my duty to disclose to the USPTO all information known to me to be material to patentability of the claims in the above-identified patent application. I acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.



Deepa Mahajan

Date June 12, 2013



Holly Rockweiler

Date 6/12/13

COMBINED DECLARATION & ASSIGNMENT

Attorney Docket No.: 279-J82US1	Page 2 of 2
Client Ref No. 11-163US01	
Title: SYSTEM AND METHOD FOR SELECTION OF PACING VECTORS	

Yanting Dong

Date _____

Kenneth N. Hayes

Date _____

Sunipa Saha
Sunipa Saha

Date 07/09/13

Krzysztof Z. Siejko
Krzysztof Z. Siejko

Date 6/21/13

Clayton S. Foster

Date _____

Date _____

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NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, I transfer to Assignee my entire right, title, and interest in and to the Invention, including all inventions disclosed or claimed in the above-identified patent application, including any improvements thereof, any corresponding domestic applications (e.g., provisional, non-provisional, divisional, continuation, continuation-in-part, reexamination, and/or reissue patent), any corresponding foreign applications, all patents issuing thereon, or other patent application based off or claiming priority to the above-identified patent application, and all rights and benefits under any applicable treaty or convention. I authorize the USPTO (or foreign equivalent thereof) to issue any patent (or similar legal protection) to the Assignee.

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I represent to the Assignee that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I agree when requested, without additional consideration, but at the expense of the Assignee, to provide additional reasonable assistance necessary to memorialize this assignment, to execute all oaths, declarations, assignments, powers of attorney and other papers necessary to perfect and vest title to the rights assigned herein to the Assignee; and will render all assistance in filing, obtaining, maintaining, and enforcing any patent (or similar legal protection) on the Invention in any and all countries.

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I have reviewed and understand the contents of the above-identified patent application including the claims, and I believe I am an original or an original joint inventor of a claimed invention in the above-identified patent application. The above-identified patent application was made or authorized to be made by me. I am aware of and acknowledge my duty to disclose to the USPTO all information known to me to be material to patentability of the claims in the above-identified patent application. I acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Deepa Mahajan

Holly Rockweiler

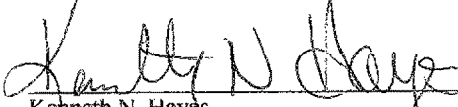
Date _____

Date _____

COMBINED DECLARATION & ASSIGNMENT	Attorney Docket No.: 279.J82US1	Page 2 of 2
	Client Ref No. 11-163US01	
	Title: SYSTEM AND METHOD FOR SELECTION OF PACING VECTORS	

Yanting Dong

Date _____



 Kenneth N. Hayes
 Date 6/10/2013

Sunipa Saha

Date _____

Krzysztof Z. Siejko

Date _____

Clayton S. Foster

Date _____

Date _____

COMBINED DECLARATION & ASSIGNMENT

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NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, I transfer to Assignee my entire right, title, and interest in and to the Invention, including all inventions disclosed or claimed in the above-identified patent application, including any improvements thereof, any corresponding domestic applications (e.g., provisional, non-provisional, divisional, continuation, continuation-in-part, reexamination, and/or reissue patent), any corresponding foreign applications, all patents issuing thereon, or other patent application based off or claiming priority to the above-identified patent application, and all rights and benefits under any applicable treaty or convention. I authorize the USPTO (or foreign equivalent thereof) to issue any patent (or similar legal protection) to the Assignee.

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 Deepa Mahajan

 Holly Rockweiler

Date _____

Date _____

PATENT

REEL: 030902 FRAME: 0164

COMBINED DECLARATION & ASSIGNMENT	Attorney Docket No.: 279.J82US1	Page 2 of 2
	Client Ref No. 11-163US01	
	Title: SYSTEM AND METHOD FOR SELECTION OF PACING VECTORS	

YAG Dong

Yanting Dong

Date 6/22/2013

Kenneth N. Hayes

Date _____

Sunipa Saha

Date _____

Krzysztof Z. Siejko

Date _____

Clayton S. Foster

Date _____

Date _____

COMBINED DECLARATION & ASSIGNMENT

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 Holly Rockweiler

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Date _____

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& ASSIGNMENT**

Attorney Docket No.:
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Page 2 of 2

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Title: SYSTEM AND METHOD FOR
SELECTION OF PACING VECTORS

Yanting Dong

Date _____

Kenneth N. Hayes

Date _____

Sunipa Saha

Date _____

Krzysztof Z. Siejko

Date _____



Clayton S. Foster

Date 12 JUL 2013

Date _____