

RECORDATION FORM COVER SHEET  
PATENTS ONLY

Atty Ref/Docket No.: 279.I89US1

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):

Jeffrey E. Stahmann, James O. Gilkerson, Krzysztof Z. Siejko, James Kalgren, Yinghong Yu, Kenneth L. Baker

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: November 29, 2011, December 8, 2011, December 14, 2011, November 30, 2011, December 13, 2011, November 30, 2011

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)

B. Patent No.(s)

Serial No. 13/327,442, filed December 15, 2011

Additional numbers attached? [ ] Yes [X] No

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

Name: J. Kevin Parker

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

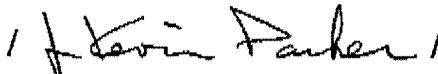
DO NOT USE THIS SPACE

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.

J. Kevin Parker/Reg. No. 33,024

Name of Person Signing



Signature

4-26-12

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

PATENT

REEL: 028132 FRAME: 0298

700484815

CH \$40.00 190743 13327442

Attorney Docket No. 279.189US1  
Client Ref. No. 10-075

### ASSIGNMENT

WHEREAS, We, Jeffrey E. Stahmann, residing at 4850 - 154th Lane NW, Ramsey, MN 55303, and James O. Gilkerson, residing at 10800 Kelvin Avenue North, Stillwater, MN 55082, and Krzysztof Z. Siejko, residing at 9523 Kirkwood Way, Maple Grove, MN 55369, and James Kalgren, residing at 204 Woodridge Lane, Lino Lakes, MN 55014, and Yinghong Yu, residing at 5953 Keithson Drive, Shoreview, MN 55126, and Kenneth L. Baker, residing at 4060 Mackubin Street, Shoreview, MN 55126, made certain new and useful inventions and improvements which are described in an application for U.S. Letters Patent entitled BIVENTRICULAR-TRIGGERED PACING IN THE CONTEXT OF MULTI-SITE LEFT VENTRICULAR PACING;

WHEREAS, We hereby authorize and request the attorneys, representing Cardiac Pacemakers, Inc. on this application, at Schwegman, Lundberg & Woessner, P.A., located at 121 South Eighth Street, Suite 1600, Minneapolis, MN 55402, to insert here in parentheses (Ser. No. 13/327,442; Filing Date: December 15, 2010) the filing date and application number of said application when known.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:

SELL, ASSIGN AND TRANSFER to Cardiac Pacemakers, Inc. (the "Assignee"), a corporation of the State of Minnesota, having a place of business at 4100 Hamline Avenue North, St. Paul, MN 55112-5798, the entire right, title and interest for the United States and all foreign countries in and to: any and all inventions and improvements which are disclosed in the identified application for U.S. Letters Patent, and which may be further identified below; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries on any of such inventions and/or improvements (including any applications for utility models); all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions and/or improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and to claim priority based on the identified application;

AUTHORIZE AND REQUEST that any attorney associated with U.S. PTO Customer No. 45458 may (directly or through his/her designee) delete, insert, or alter any information identifying this application, or any related application, below, after execution of this Assignment;

*Additional Application Information*

*U.S. Provisional Application Serial No. 61/424,975, filed on December 20, 2010.*

*No U.S. Non-Provisional claim for priority is being made at this time.*

## ASSIGNMENT

Docket No: 279.189US1

Client Ref. No. 10-075

Assignors: Jeffrey E. Stahmann et al.

Title: BIVENTRICULAR-TRIGGERED PACING IN THE CONTEXT OF MULTI-SITE LEFT VENTRICULAR PACING

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*No International or foreign claim for priority is being made at this time.*

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and/or property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such improvements in the Assignee, or for securing, maintaining and enforcing proper patent protection for such improvements;

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned, and is to extend to the benefit of the successors, assigns and nominees of the Assignee.

AGREED as of the date of my signature below:

ASSIGNMENT

Docket No: 279,189US1

Client Ref. No. 10-075

Assignors: Jeffrey E. Stahmann et al.

Title: BIVENTRICULAR-TRIGGERED PACING IN THE CONTEXT OF MULTI-SITE LEFT VENTRICULAR PACING

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 29<sup>th</sup> day of November, 2011.

Jeffrey E. Stahmann  
Jeffrey E. Stahmann

STATE OF MINN

COUNTY OF RAMSEY )ss

On this 29 day of November, 2011 before me personally appeared Jeffrey E. Stahmann, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



Patricia Rutz  
Notary Public

ASSIGNMENT

Docket No: 279.189US1

Client Ref. No. 10-075

Assignors: Jeffrey E. Stahmann et al.

Title: BIVENTRICULAR-TRIGGERED PACING IN THE CONTEXT OF MULTI-SITE LEFT VENTRICULAR PACING

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 8 day of

December, 2011.

*James O. Gilkerson*  
James O. Gilkerson

STATE OF MN)

COUNTY OF RAMSEY)<sup>ss</sup>

On this 8 day of December, 2011 before me personally appeared James O. Gilkerson, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



*Patricia Rutz*  
Notary Public

ASSIGNMENT

Docket No: 279.189US1

Client Ref. No. 10-075

Assignors: Jeffrey B. Stahmann et al.

Title: BIVENTRICULAR-TRIGGERED PACING IN THE CONTEXT OF MULTI-SITE LEFT VENTRICULAR PACING

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 14 day of

December, 2011.

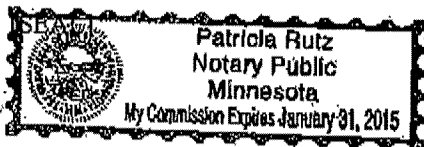
Krzysztof Z. Siejko

STATE OF MN )

)ss

COUNTY OF RAMSEY )

On this 14 day of December, 2011 before me personally appeared Krzysztof Z. Siejko, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

  
Notary Public

ASSIGNMENT

Docket No: 279.189US1

Client Ref. No. 10-075

Assignors: Jeffrey E. Stahmann et al.

Title: BIVENTRICULAR-TRIGGERED PACING IN THE CONTEXT OF MULTI-SITE LEFT VENTRICULAR PACING

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 30 day of Nov, 2011.

*[Signature]*  
James Kalgren

STATE OF MN

COUNTY OF RAMSEY )ss

On this 30 day of November 20 11 before me personally appeared James Kalgren, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



*[Signature]*  
Notary Public

ASSIGNMENT

Docket No: 279.189US1

Client Ref. No. 10-075

Assignors: Jeffrey E. Stalman et al.

Title: BIVENTRICULAR-TRIGGERED PACING IN THE CONTEXT OF MULTI-SITE LEFT VENTRICULAR PACING

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 13<sup>th</sup> day of December, 2011.

*[Handwritten Signature]*

Yinghong Yu

STATE OF MN

COUNTY OF RAMSEY )ss

On this 13 day of December, 2011 before me personally appeared Yinghong Yu, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]



*[Handwritten Signature]*  
Notary Public



ASSIGNMENT

Docket No: 279.189US1

Client Ref. No. 10-075

Assignors: Jeffrey E. Stahmann et al.

Title: BIVENTRICULAR-TRIGGERED PACING IN THE CONTEXT OF MULTI-SITE LEFT VENTRICULAR PACING

Page 8 of 8

IN TESTIMONY WHEREOF, I have hereunto set my hand this 30 day of November, 2011.

Kenneth L. Baker

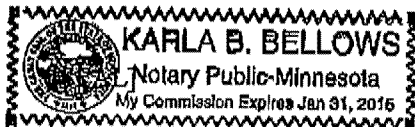
Kenneth L. Baker

STATE OF Minnesota)

)ss

COUNTY OF Hennepin)

On this 5 day of December, 2011 before me personally appeared Kenneth L. Baker, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



Karla B. Bellows

Notary Public