

RECORDATION FORM COVER SHEET
PATENTS ONLY

Atty Ref/Docket No.: 279.K34US1

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 parties:

David J. Ternes, Scott Vanderlinde, Ramprasad Vijayagopal, Scot C. Boon

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: October 11, 2012, October 10, 2012, October 22, 2012, October 22, 2012

2. Name and address of receiving party:

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.

Serial No. 13/663,003, filed October 29, 2012

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: Paul J. Urbanski

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.

Paul J. Urbanski/Reg. No. 58,351
Name of Person Signing

Paul J. Urbanski
Signature

December 3, 2012
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 13663003

PATENT

Attorney Docket No. 279.K34US1
Client Ref. No. 12-0296US01

ASSIGNMENT

WHEREAS, David J. Ternes, Scott Vanderlinde, Ramprasad Vijayagopal, Scot C. Boon (hereinafter the "Undersigned") have made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention") which are described in a patent application filed on October 29, 2012, which application was assigned US patent application serial number 13/663,003, and which is titled POWER SUPPLY MANAGEMENT FOR IMPLANTABLE NEUROSTIMULATION DEVICES; which are described in a patent application filed on October 17, 2011, which application was assigned US application serial number 13/274,448, and which is titled LOW-POWER SYSTEM AND METHODS FOR NEUROMODULATION; which are described in a patent application filed on November 10, 2010, which application was assigned US application serial number 61/412,114, and which is titled LOW-POWER SYSTEM AND METHODS FOR NEUROMODULATION.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged by the Undersigned, the Undersigned do hereby irrevocably and unconditionally:

CONVEY, 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 Undersigned's entire right, title, and interest for the United States and all foreign countries and jurisdictions in and to:

the Invention which is disclosed in the above-identified application or applications;

such application or applications, and all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other applications for a patent or patents which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries and jurisdictions based in whole or in part on any of such Invention (including any application for a utility model or an innovation patent application);

all original and reissued patents which have been or shall be issued in the United States and all foreign countries and jurisdictions based in whole or in part on any of such Invention;

including the right to claim priority to the above-identified patent application or applications in relation to subject matter based in whole or in part on the above-identified patent application or applications and any of the foregoing including the right to file foreign applications under the provisions of any convention or treaty;

and including the right to all causes of action, remedies, and other enforcement rights related to the above-identified application or applications, including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to the above-identified patent application or applications and any of the foregoing, including the right to obtain and collect damages for past, present, or future infringement;

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

Assignment

Assignors: David J. Temes et al.

Title: POWER SUPPLY MANAGEMENT FOR IMPLANTABLE NEUROSTIMULATION DEVICES

Page 2 of 4

Docket No: 279,K34US1

Client Ref. No. 12-0296US01

AUTHORIZE AND REQUEST that any attorney associated with U.S. Patent and Trademark Office (USPTO) Customer No. 45458 may (directly or through his/her designee) delete, insert, or alter any information related to the above-identified patent application or applications or any of the foregoing, after execution of this Assignment;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or shall 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 shall (1) execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other patent applications for the Invention; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers for the Invention; (3) communicate to the Assignee all facts known to the Undersigned relating to the Invention 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 the Invention; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such Invention in the Assignee, or for securing, maintaining and enforcing proper patent protection for the Invention;

COVENANT, that should any provision of this agreement be held unenforceable by an authority of competent jurisdiction, such a ruling shall not affect the validity and enforceability of the remaining provisions. To the extent that any such provision is found to be unenforceable, the Undersigned, when requested and without compensation shall act in good faith to substitute for such provision a new provision with content and purpose as close as possible to the provision deemed unenforceable.

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

Assignors: David J. Ternes et al.

Title: POWER SUPPLY MANAGEMENT FOR IMPLANTABLE NEUROSTIMULATION DEVICES

Page 3 of 4

Docket No: 279.K34US1

Client Ref. No. 12-0296US01

Assignor:

(Signature): David J. Ternes

Name: David J. Ternes

City/State: Roseville, MN

Date: 10/4/12

Assignor:

(Signature): Scott Vanderlinde

Name: Scott Vanderlinde

City/State: Plymouth, MN

Date: 10-OCT-2012

Assignor:

(Signature): _____

Name: Ramprasad Vijayagopal

City/State: Shoreview, MN

Date: _____

Assignment

Assignors: David J. Temes et al.

Title: POWER SUPPLY MANAGEMENT FOR IMPLANTABLE NEUROSTIMULATION DEVICES

Page 4 of 4

Docket No: 279.K34US1
Client Ref. No. 12-0296US01

Assignor:

(Signature): 

Name: Scot C. Boon

City/State: Lino Lakes, MN

Date: 10/22/2012

Attorney Docket No. 279.K34US1
Client Ref. No. 12-0296US01

ASSIGNMENT

WHEREAS, David J. Ternes, Scott Vanderlinde, Ramprasad Vijayagopal, Scot C. Boon (hereinafter the "Undersigned") have made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention") which are described in a patent application filed on October 29, 2012 which application was assigned US patent application serial number 13/663,003, and which is titled POWER SUPPLY MANAGEMENT FOR IMPLANTABLE NEUROSTIMULATION DEVICES; which are described in a patent application filed on October 17, 2011, which application was assigned US application serial number 13/274,448, and which is titled LOW-POWER SYSTEM AND METHODS FOR NEUROMODULATION; which are described in a patent application filed on November 10, 2010, which application was assigned US application serial number 61/412,114, and which is titled LOW-POWER SYSTEM AND METHODS FOR NEUROMODULATION.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged by the Undersigned, the Undersigned do hereby irrevocably and unconditionally:

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the Invention which is disclosed in the above-identified application or applications;

such application or applications, and all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other applications for a patent or patents which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries and jurisdictions based in whole or in part on any of such Invention (including any application for a utility model or an innovation patent application);

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and including the right to all causes of action, remedies, and other enforcement rights related to the above-identified application or applications, including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to the above-identified patent application or applications and any of the foregoing, including the right to obtain and collect damages for past, present, or future infringement;

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PATENT

REEL: 029442 FRAME: 0330

Assignment

Assignors: David J. Temes et al.

Title: POWER SUPPLY MANAGEMENT FOR IMPLANTABLE NEUROSTIMULATION DEVICES

Page 2 of 4

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COVENANT, that should any provision of this agreement be held unenforceable by an authority of competent jurisdiction, such a ruling shall not affect the validity and enforceability of the remaining provisions. To the extent that any such provision is found to be unenforceable, the Undersigned, when requested and without compensation shall act in good faith to substitute for such provision a new provision with content and purpose as close as possible to the provision deemed unenforceable.

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AGREED as of the date of my signature below:

Assignment
Assignors: David J. Ternes et al.
Title: POWER SUPPLY MANAGEMENT FOR IMPLANTABLE NEUROSTIMULATION DEVICES
Page 3 of 4

Docket No: 279.K34US1
Client Ref. No. 12-0296US01

Assignor:

(Signature): _____

Name: David J. Ternes

City/State: Roseville, MN

Date: _____

Assignor:

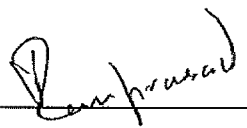
(Signature): _____

Name: Scott Vanderlinde

City/State: Plymouth, MN

Date: _____

Assignor:

(Signature):  _____

Name: Ramprasad Vijayagopal

City/State: Shoreview, MN

Date: 10/22/2012

Assignment

Assignors: David J. Temes et al.

Title: POWER SUPPLY MANAGEMENT FOR IMPLANTABLE NEUROSTIMULATION DEVICES

Page 4 of 4

Docket No: 279.K34US1

Client Ref. No. 12-0296US01

Assignor:

(Signature): _____

Name: Scot C. Boon

City/State: Lino Lakes, MN

Date: _____

PATENT