

RECORDATION FORM COVER SHEET
PATENTS ONLY

Atty Ref/Docket No.: 279.E05US1

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):
Allan C. Shuros, Donald L. Hopper and Shantha Arcot-Krishnamurthy

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

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

[] Yes [X] No

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

3. Nature of conveyance:

[X] Assignment [] Merger

[] Security Agreement [] Change of Name

[] Other

Execution Date: September 20, 2007, September 19, 2007, September 21, 2007

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. 11/903,758, filed September 25, 2007

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

[X] 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

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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

November 9, 2007

Date

Total number of pages including cover sheet: 5

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: 020099 FRAME: 0280

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CH \$40.00 190743 11903768

ASSIGNMENT

WHEREAS, We, Allan C. Shuros, residing at 1121 Colette Place, St. Paul, MN 55116, and Donald L. Hopper, residing at 11761 99th Avenue North, Maple Grove, MN 55369, and Shantha Arcot-Krishnamurthy, residing at 550 Sandhurst Drive West #108, Roseville, MN 55113, have made certain new and useful inventions and improvements for which we herewith file an application for Letters Patent of the United States, which is entitled VARIABLE SHORTENING OF AV DELAY FOR TREATMENT OF CARDIAC DISEASE, the application having been executed on even date herewith, and/or being identified in the United States Patent and Trademark Office by Application No. 11 905,756, filed September 25, 2007, and

WHEREAS, Cardiac Pacemakers, Inc., a corporation organized and existing under and by virtue of the laws of the State of Minnesota, and having an office and place of business at 4100 Hamline Avenue North, St. Paul, MN 55112-5798 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.


I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and application number of the application when ascertained. I authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

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AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.


IN TESTIMONY WHEREOF, I have hereunto set my hand this 20 day of September, 2007.

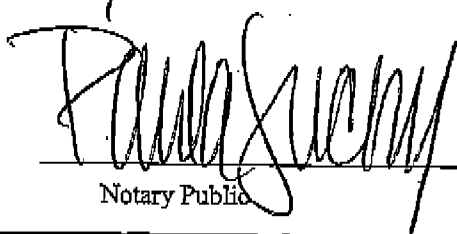


Allan C. Shuros

STATE OF MN
COUNTY OF Ramsey)ss

On this 20 day of Sept., 2007 before me personally appeared Allan C. Shuros, 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.


PAULA MICHELLE SUCHY
NOTARY PUBLIC - MINNESOTA
My Commission Expires Jan. 31, 2010



Notary Public

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 19 day of
September, 2007.

Donald L. Hopper
Donald L. Hopper

STATE OF MN

COUNTY OF Ramsey)ss

On this 19 day of Sept., 2007 before me personally appeared Donald L. Hopper, 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]  PAULA MICHELLE SUCHY
NOTARY PUBLIC - MINNESOTA
My Commission Expires Jan. 31, 2010

Paula Michelle Suchy
Notary Public

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 21 day of
September, 2007.

Shantha

Shantha Arcot-Krishnamurthy

STATE OF MN

COUNTY OF Ramsey)ss

On this 21 day of Sept, 2007 before me personally appeared Shantha Arcot-Krishnamurthy, 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  PAULA MICHELLE SUCHY
NOTARY PUBLIC - MINNESOTA
My Commission Expires Jan. 31, 2010

Paula Suchy
Notary Public