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November 15, 2002

RECORDATION FORM COVER SHEET

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U.S. PATENT AND TRADEMARK OFFICE
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CRYSTAL GATEWAY 4, ROOM 335
WASHINGTON, D.C. 20231

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
David J. Ternes
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
3. Nature of Conveyance:

<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name
<input type="checkbox"/> Other	

Execution Date: November 5, 2002

4. Application number(s) or registration number(s): 10/295099
XX If this document is being filed together with a new application, the execution date of the application is:
November 5, 2002

A. Patent Application No.(s):

B. Patent No.(s):

5. Name and address of party of whom correspondence concerning document should be mailed:
Name: Thomas J. Nikolai, Esq.
NIKOLAI & MERSEREAU, P.A.
Street Address: 900 Second Avenue South, #820
City: Minneapolis State: MN Zip: 55402-3325

11/19/2002 BNGUYEN1 00000008 10295099

02 FC:8021

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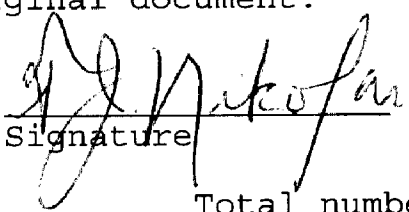
PATENT
REEL: 013507 FRAME: 0863

6. Number of applications and patents involved: One
7. Total Fee (37 CFR 3.41): \$40.00
X A check is enclosed.
8. The Commissioner is authorized to charge any fees or refund any overpayment under 37 CFR 1.16 and 1.17 which may be required by this paper to Deposit Account No. 08-1265.

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.

Thomas J. Nikolai
Name of Person Signing


Signature

Date: Nov. 15, 2002

Total number of pages including
cover sheet, attachments and document: 4

ASSIGNMENT

WHEREAS, I, DAVID J. TERNES, a citizen of the United States of America, and residing at ²⁹⁰⁵~~2095~~ Arthur Place, Roseville, Minnesota 55113, am the inventor of that certain invention disclosed and claimed in the application for United States Letters Patent executed by me on November 5, 2002, and entitled "METHOD OF OPERATING IMPLANTABLE MEDICAL DEVICES TO PROLONG BATTERY LIFE"; and

WHEREAS, Cardiac Pacemakers, Inc., a corporation organized and existing under the laws of the State of Minnesota, and having its principal office located at 4100 Hamline Avenue North, St. Paul, Minnesota 55112-5798, is desirous of acquiring the said invention and any and all patents of any and all countries which may be granted on said invention.

NOW, THEREFORE, Be It Known that for and in consideration of the sum of One Dollar (\$1.00) to me in hand paid by said Cardiac Pacemakers, Inc. and for other good and valuable consideration, the receipt of all of which is hereby acknowledged, I, DAVID J. TERNES, have sold, assigned and transferred, and do hereby sell, assign and transfer unto said Cardiac Pacemakers, Inc., the entire right, title, and interest, both legal and equitable, in and to the said above identified invention for all countries, in and to the same above identified application for patent, and in and to any and all patents of any and all countries which may be granted on said invention; and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue, in accordance with this Assignment, any and all patents which may be granted on the above identified application or on the invention therein disclosed.

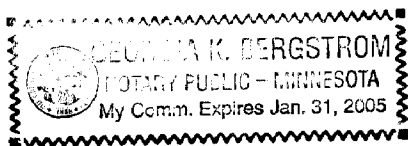
Signed at St. Paul, Minnesota, this 5th day of November, 2002.

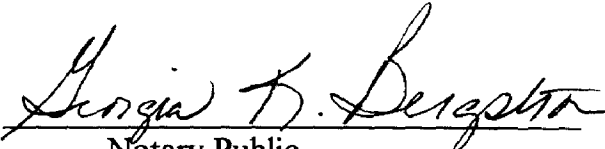

DJT David J. Ternes
2905-8832 Arthur Place
Roseville, MN 55113

STATE OF MINNESOTA

COUNTY OF Ramsey SS

On this 5 day of November, 2002, before me, a Notary Public for and within the County aforesaid, personally appeared DAVID J. TERNES to me known to be the person described in the foregoing Assignment, and he acknowledged to me that he executed the same as his free act and deed.




Notary Public

(SEAL)