

FORM PTO-1595  
(Rev. 6-93)  
OMB No. 0651-0011  
Docket No. GUID.606PA

RECORDATION FORM COVER SHEET  
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1. Name of conveying party(ies):  Paul HAEFNER	2. Name and address of receiving party(ies):  Cardiac Pacemakers, Inc. 4100 Hamline Avenue North Saint Paul, MN 55112-5798
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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(s): April 21, 2004.

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

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

A. Patent Application No.(s)	B. Patent No.(s)
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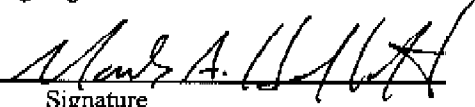
10/784,478 filed on February 23, 2004.

5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Mark A. Hollingsworth Address: CRAWFORD MAUNU PLLC 1270 Northland Drive Suite 390 St. Paul, MN 55120	7. Total fee (37 CFR 3.41): \$40  <input checked="" type="checkbox"/> Authorized to be charged to deposit account 50-0996 (GUID.606PA).

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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.

Mark A. Hollingsworth		5/24/2004
Name of Person Signing	Signature	Date

Transmitted by PTO Assignment Division (703) 305-5995  
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### ASSIGNMENT

WHEREAS, I, Paul Hafner, residing at 252 Cobbler Court, Circle Pines, MN 55014 made certain new and useful inventions and improvements for which I executed an application for letters Patent of the United States, which is entitled: **SUBCUTANEOUS CARDIAC SIGNAL DISCRIMINATION EMPLOYING NON-ELECTROPHYSIOLOGIC SIGNAL**, which was filed on February 23, 2004 and was assigned U.S. Patent Application Serial No. 10/784,478 (Atty. Docket No. GUID.606PA).

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, Saint Paul, Minnesota 55112 (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 and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, I 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 application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, 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 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 therefrom; and I 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 Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, I do hereby agree that I and my 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 me 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 improvements, inventions, applications, Letters Patent,

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rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore I 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 me and that full right to convey the same as herein expressed is possessed by me.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 21 day of April, 2004.

Paul Haefner  
Paul Haefner

STATE OF Mn )  
COUNTY OF Ramsey ) ss.

On this 21 day of April, 2004, before me personally appeared Paul Haefner, known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

 Georgia K. Bergstrom  
NOTARY PUBLIC - MINNESOTA  
My Comm. Expires Jan. 01, 2008  
Notary Public