09-24	Atty. Docket No.: 32469-306664 U.S. DEPARTMENT OF COMMERCE
(Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005)	U.S. Patent and Trademark Office
Tab settings ⇒ ⇒ ⇒ ▼ ▼ 10284	3816
To the Honorable Commissioner of Patents and Trademarks: F	Please Record the attached original documents or copy thereof.
Name of conveying party(ies): Jeffrey A. Von Arx Scott T. Mazar Abhi Chavan Additional name of conveying party(ies) attached? □ Yes ☑ No	2. Name and address of receiving party(ies) Name: Cardiac Pacemakers, Inc. Internal Address:
3. Nature of conveyance: ☑ Assignment ☐ Merger	Street Address: 4100 Hamline Avenue North ,
☐ Security Agreement ☐ Change of Name ☐ Other Execution Date: September 7, 2004	City: St. Paul State: MN Zip: 55112 Additional Name(s) & address(es) attached? ☐ Yes ☒ No
 Application number(s) or patent number(s): If this document is being filed together with a new application A. Patent Application No.(s) Additional numbers atta	n, the execution date of the application is: September 17, 2004 B. Patent No.(s) ached? Yes No
Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of applications and patents involved: 1
Name: Chad S. Hilyard, Esq. Internal Address: Customer No.: 42074	7. Total fee (37 CFR 3.41) \$ 40.00 ☑ Enclosed ☐ Authorized to be charged to deposit account
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy

Washington, D.C. 20231

Signature

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9. Statement and signature.

is a true copy of the original document. Chad S. Hilyard, Esq.

Name of Person Signing

September 17, 2004

Date

ASSIGNMENT

Attorney Docket No.: 32469-306664 A Page 1 of 2

First Named Inventor: IEEFERY A. VON ARX et al.

Title: SYSTEMS AND METHODS FOR DERIVING RELATIVE PHYSIOLOGIC MEASUREMENTS USING A BACKEND COMPUTING SYSTEM

WHEREAS, I, Jeffery A. Von Arx, a U.S. citizen, residing at 2115 Emerson Avenue South, Minneapolis, MN 55405, Scott T. Mazar, a U.S. citizen, residing at 10459 Glen Eagle Circle, Woodbury, MN 55129, and Abhi Chavan, a U.S. citizen, residing at 6491 Ranchview Lane North, Maple Grove, MN 55311, and have invented certain new and useful improvements as described in an application entitled "SYSTEMS AND METHODS FOR DERIVING RELATIVE PHYSIOLOGIC MEASUREMENTS USING A BACKEND COMPUTING SYSTEM" Letters Patent of the United States, the application having been executed on even date herewith: and

WHEREAS, Cardiac Pacemakers, Inc. a corporation organized and existing under the laws of the State of Minnesota, and having offices at 4100 Hamline Avenue North, St. Paul, MN 55112, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title, and interest in and to the invention, the above-identified patent application, corresponding domestic applications (including divisionals, continuations, and continuations-in-part), corresponding foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and I authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

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.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

CERTIFICATE OF ACKNOWLEDGMENT

STATE OF

COUNTY OF RAMSEY

Subscribed and sworn to before me, a Notary Public,

this 2nd day of 3eot , 2004.

Notary Public

PATRICIA A. RUTZ

NOTARY PUBLIC - MINNESOTA

My Commission Expires 1/31/2005

PATENT

REEL: 015805 FRAME: 0245

ASSIGNMENT

Attorney Docket No.: 32469-306664

Page 2 of 2

First Named Inventor: JEFFERY A. VON ARX et al.

SYSTEMS AND METHODS FOR DERIVING Title:

RELATIVE PHYSIOLOGIC MEASUREMENTS USING A BACKEND COMPUTING SYSTEM

CERTIFICATE OF ACKNOWLEDGMENT

STATE OF __

: SS.

COUNTY OF LAMSE

Subscribed and sworn to before me, a Notary Public,

this 14h day of 2001.

Notary Public



PATRICIA A. RUTZ NOTARY PUBLIC - MINNESOTA My Commission Expires 1/31/2005

CERTIFICATE OF ACKNOWLEDGMENT

STATE OF M

COUNTY OF RAMSE

Subscribed and sworn to before me, a Notary Public,

this <u>2011</u> day of _

RECORDED: 09/12/2004

Notary Public

PATRICIA A. RUTZ **NOTARY PUBLIC - MINNESOTA** My Commission Expires 1/31/2005

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