

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Michael John Kane	07/11/2006
Jeffrey Allen Von Arx	07/12/2006
James Gregory Bentsen	07/12/2006
Jonathan Kwok	07/11/2006

RECEIVING PARTY DATA

Name:	Cardiac Pacemakers, Inc.
Street Address:	4100 Hamline Avenue North
City:	St. Paul
State/Country:	MINNESOTA
Postal Code:	55112

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11383933

CORRESPONDENCE DATA

Fax Number: (612)746-4781

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 612.746.4782

Email: jnickel@pdsdlaw.com

Correspondent Name: Mark E. Deffner

Address Line 1: 45 South Seventh Street

Address Line 2: Suite 3000

Address Line 4: Minneapolis, MINNESOTA 55402-1630

NAME OF SUBMITTER:

Mark E. Deffner

Total Attachments: 5

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PATENT

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Assignment

WHEREAS, we, Michael John Kane, a U.S. citizen, residing at 5173 Marquess Trail, Lake Elmo, MN 55042, Jeffrey Allen Von Arx a U.S. citizen residing at 2115 Emerson Ave. S., Minneapolis, MN 55405, James Gregory Bentsen, a U.S. citizen residing at 2818 First St. N., North St. Paul, MN 55109, and Jonathan Kwok, a Canadian citizen residing at 4854 Churchill St., Shoreview, MN 5512⁶~~7~~; have invented certain new and useful inventions and improvements for which we have filed an application for Letters Patent of the United States, which is entitled IMPLANTABLE MEDICAL DEVICE WITH CHEMICAL SENSOR AND RELATED METHODS, the application identified in the United States Patent and Trademark Office by Application No. 11/383,933, filed May 17, 2006; 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 therefore;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, we 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 we 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.

WE 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.

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 11 day of July, 2006.

Michael John Kane
Michael John Kane

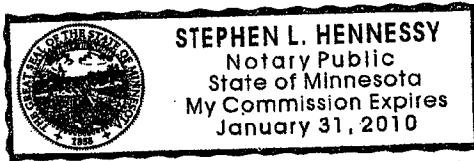
STATE OF Minnesota)

)

COUNTY OF Ramsey)

On this 11 day of July, 2006 before me personally appeared Michael John Kane, 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.

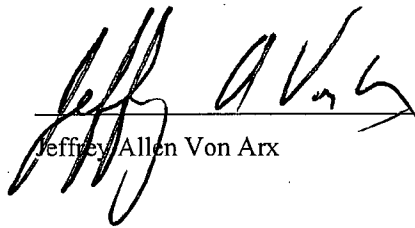
[SEAL]



[Signature]
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 12 day of

July, 2006.


Jeffrey Allen Von Arx

STATE OF Mn)

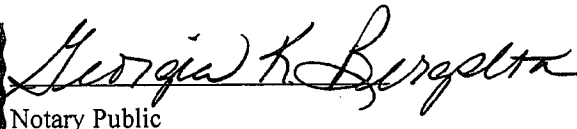
COUNTY OF Ramsey)

On this 12 day of July, 2006 before me personally appeared Jeffrey Allen Von Arx, 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]



GEORGIA K. BERGSTROM
Notary Public
State of Minnesota
My Commission Expires
January 31, 2010


Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 12 day of July, 2006.

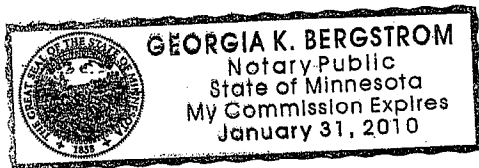
James G Bentsen
James Gregory Bentsen

STATE OF Mn

COUNTY OF Ramsey

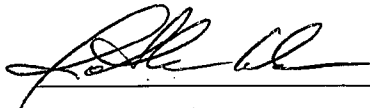
On this 12 day of July, 2006 before me personally appeared James Gregory Bentsen, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]



Georgia K. Bergstrom
Notary Public

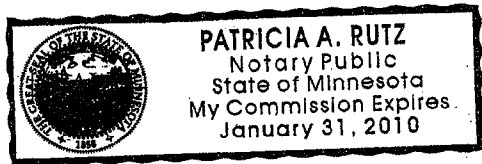
IN TESTIMONY WHEREOF, I have hereunto set my hand this 11 day of July, 2006.

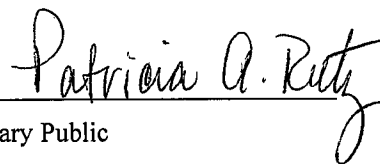

Jonathan Kwok

STATE OF MN

COUNTY OF RAMSEY

On this 11 day of July, 2006 before me personally appeared Jonathan Kwok, 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.




Notary Public