LAW OFFICES

NIKOLAI, MERSEREAU & DIETZ, P.A.

THOMAS J. NIKOLAI JAMES T. NIKOLAI CHARLES G. MERSEREAU PAUL T. DIETZ

International Centre 900 Second Avenue South, Suite 820 Minneapolis, Minnesota 55402-3813 Telephone (612) 339-7461 Facsimile (612) 349-6556

PATENTS TRADE MARKS COPYRIGHI UNFAIR COMPETI

May 11, 1999 RECORDATION FORM COVER SHEET

PATENTS ONLY

U.S. PATENT AND TRADEMARK OFFICE

OFFICE OF PUBLIC RECORDS CRYSTAL GATEWAY 4, ROOM 335 WASHINGTON, D.C. 20231

PATENTS ONL EL331301278US OUR FILE NO. 980238.ORI 05-24-1999 101042899 Please

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

1. Name of conveying party(ies): Scot C. Boon, Mark Gryzwa, Michael Lyden, Qingsheng Zhu, and Paul Haefner.

2.	Name and address	of receiving part	ty(ies)):
	Name:	Cardiac Pacemaker	rs, Ind	C.
	Street Address:	4100 North Hamlin	ne Ave	nue
	City:	St. Paul		
	State:	Minnesota	Zip:	55112-5798

Nature of Conveyance: 3. X Assignment Merger Security Agreement Change of Name Other

05/20/1999 MPEUPLES 00000037 #930051Date: ___May 10, 1999, and May 11, 1999 02 FC:581

Application number(s) or registration number(s): 4. If this document is being filed together with a new application, the execution date of the application is: <u>May 11, 1999</u>

A. Patent Application No.(s):

в. Patent No.(s): **U.S. Patent and Trademark Office May 11, 1999** Page 2

5. Name and address of party of whom correspondence concerning document should be mailed: Name: Paul T. Dietz, Esq. NIKOLAI, MERSEREAU & DIETZ, P.A. Street Address: 900 Second Avenue South, #820 City: Minneapolis State: MN Zip: 55402-3325 Telephone: (612) 339-7461

- 6. Number of applications and patents involved: 1
- 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.

5() Date: May 11, 1999 Signature of Paul T. Dietz

Total number of pages including cover sheet, attachments and document: 6

ASSIGNMENT

WHEREAS, we, Scot C. Boon, Mark Gryzwa, Michael Lyden, Qingsheng Zhu, Paul Haefner, citizens of the United States of America, the United States of America, the United States of America, the Peoples Republic of China, and the United States of America, respectively, and residents of Lino Lakes, Minnesota 55014, Woodbury, Minnesota 55125, Shoreview, Minnesota 55126, Little Canada, Minnesota 55117 and Circle Pines, Minnesota 55014, respectively, are the inventors of that certain invention disclosed and claimed in an application for United States Letters Patent executed by Scot Boon, on M_{OM} / O_{---} , 1999; executed by Mark Gryzwa on MAA / IO_{---} , 1999; executed by Michael Lyden on M_{O} / O_{---} , 1999; executed by Michael Lyden on M_{O} / O_{---} , 1999; and executed by Paul Haefner on $M_{O} / I \phi$, 1999, and entitled "CARDIAC SENSE AMPLIFIER FOR CAPTURE VERIFICATION"; 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 North Hamline Avenue, St. Paul, MN 55112 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 us in hand paid by said Cardiac Pacemakers, Inc. and for other good and valuable consideration, the receipt of all of which is hereby acknowledged, we, Scot C. Boon, Mark Gryzwa, Michael Lyden, Qingsheng Zhu and Paul Haefner, 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

1

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.

(1)

Scot C. Boon 140 Woodridge Lane Lino Lakes, MN 55014

STATE OF MINNESOTA

COUNTY OF

On this /U day of Ma/, 1999, before me, a Notary Public for and within the County aforesaid, personally appeared Scot C. Boon 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.

(Seal) BRENDA S VENJOHN NOTARY PUBLIC - MINNESOTA NOTARY PUBLIC - MINNESOTA My Comm. Expires Jan. 31, 2000

3204 Copper Oaks Tr Woodbury, MN 55125

Stende Venjohn Notary Public

Date: May 10, 1999

Date: <u>MAY</u> 10,

STATE OF MINNESOTA

Mark Gryzwa

SS

BRENDA S VENJOHN

My Comm. Expires Jan. 31, 2000

SS

COUNTY OF

(2)

On this 10 day of May, 1999, before me, a Notary Public for and within the County aforesaid, personally appeared Mark Gryzwa 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.

(Seal)

Brenda Veryphin Notary Puplic

2

(3)	· Windred	4.	Lyden	
1-1		8.1		_

Date: May 10th 1199

Michael Lyden 3262 Owasso Heights Road Shoreview, MN 55126

STATE OF MINNESOTA

COUNTY OF

On this $\underline{10}$ day of \underline{May} , 1999, before me, a Notary Public for and within the County aforesaid, personally appeared Michael Lyden to me known to be the person described in the foregoing Assignment, and he acknowledged to me that he executed the same act and deed.

BRENDAS VENJOHN Brenda Venjohn Notary Public Date: <u>MAY 10th 1899</u> NOTARY PUBLIC - MINNESOTA (Seal) My Comm. Expires Jan. 31, 2000 (4) Qingsheng Zhu 3ø25 Valento Lane íttle Canada, MN 55117

STATE OF MINNESOTA

SS

SS

COUNTY OF

On this \underline{D} day of \underline{Ma} , 1999, before me, a Notary Public for and within the County aforesaid, personally appeared Qingsheng Zhu 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.

(Seal) BRENDA S VENJOHN NOTARY PUBLIC - MINNESOTA My Comm. Expires Jan. 31, 2000	Brenda Venjohn Notary Public
(5) <u>Paul Haefner</u> Paul Haefner 252 Cobbler Court Circle Pines, MN 55014	Date: <u>MAY 11th 1999</u>

COUNTY OF

On this // day of \mathcal{M}_{AV} , 1999, before me, a Notary Public for and within the County aforesaid, personally appeared Paul Haefner 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.

4

(Seal)

Brenda Venjohn Notary Public

BRENDA S VENJOHN NOTARY PUBLIC - MINNESOTA