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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

	) 171PA (04-033AR)	
To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.		
Name of conveying party(ies):		2. Name and address of receiving party(ies):
		Cardiac Pacemakers, Inc.
Kevin John Stalsberg		4100 Hamline Avenue North
Yanting Dong		Saint Paul, MN 55112-5798
Scott A. Meyer		Saint Faul, Wild 33112-3770
John Michael Voegele		
Derek Daniel Bohn		
Eric Keith Enrooth		
Clayton Scott Foster		
David William Yost		
Additional name(s) of conveying party(ies) attached?   Yes   No		Additional name(s) & address(es) attached?   Yes  No
3. Nature of conveyance:  Assignment Merger Security Agreement Change of Name Other:		
Execution Date(s): January 13, 2005; January 20, 2005; January 13, 2005.		
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:		
Λ. Patent A	pplication No.(s)	B. Patent No.(s)
11/116,565 filed on April 28, 2005.		
	Additional m	imbers attached?  Yes  No
5. Name ar	nd address of party to whom correspondence con	cerning 6. Total number of applications and patents involved: 1
document should be mailed:		7. Total fee (37 CFR 3.41): \$40.00
	Maria A. Flatkingsmooth	7. Total (et (57 CTR, 3.41). \$\pi \tau \tau \tau \tau \tau \tau \tau \tau
Name: Address:	Mark A. Hollingsworth CRAWFORD MAUNU PLLC	Authorized to be charged to deposit account 50-0996
Addi ess.	1270 Northland Drive	(GUID.171PA).
	Suite 390	
	St. Paul, MN 55120	
		ner No.
	512	204
.,-		NOT USE THIS SPACE
	at and signature:	
T., elsa k	and at my knowledge and belief, the foregoing in	nformation is true and correct and any attached copy is a true copy of the
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.		
Augman	M _	سعمد داردار
Clara Davis	<u> </u>	Perture 6/19/2005
Name of Pe	erson Signing Sign	Transmitted to: PTO Assignment Division (703) 306-5995.  Total number of pages including cover sheet, attachments, and document: 7
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PATENT REEL: 016351 FRAME: 0434

## ASSIGNMENT

WHEREAS, I'we: Kevin John Stalsberg, residing at 2829 N. Riviera Drive, White Bear Lake, Minnesota 55110; Yanting Dong, residing at 295 Oak Hill Drive, Shoreview, Minnesota 55126; Scott A. Meyer, residing at 917 8th Ave. S.W., Rochester, Minnesota 55902; John Michael Voegele, residing at 23123 Erskin St. NE, Bethel, Minnesota 55005; Derek Daniel Bohn, residing at 3614 Bailey Ridge Circle, Woodbury, Minnesota 55125; Eric Keith Enrooth, residing at 6372 August Circle, Lino Lakes, Minnesota 55038; Clayton Scott Foster, residing at 622 140th Lane NW, Andover, Minnesota 55304; and David William Yost, residing at 6616 89th Avenue N., Brooklyn Park, Minnesota 55445 made certain new and useful inventions and improvements for which I/we herewith file an application for which Letters Patent of the United States; which is entitled: METHODS AND SYSTEMS FOR MANAGING FUSION AND NOISE IN CARDIAC PACING RESPONSE CLASSIFICATION (Atty. Docket No. GUID.171PA).

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, St. Paul, MN 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/we 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/we 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.

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AND, for the consideration aforesaid, I/we do hereby agree that I/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 me/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 improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

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

IN TESTIMONY WHEREOF, I have hereunto set my hand this 13 day of

January, 200

Kevin John Stalsberg

STATE OF -

COUNTY OF

On this <u>13</u> day of <u>1000</u>, 2005, before me personally appeared Kevin John Stalsberg, known to me to be the person described in and who executed the foregoing instrument, and he dayly asknowledged to me that he executed the same for the uses and purposes therein set forth.

and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Ny Comm. Epies Jun 31, 2005

Jerge & Lengston Notary Public

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IN TESTIMONY WHEREOF, I have hereunto set my hand this <u>20</u> day of <u>January</u>, 2005.

STATE OF -

On this day of ances, 2005, before me personally appeared Yanting Dong, 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]

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_\_ day of \_\_\_, 2005.

STATE OF -

On this /3 day of Manuary 2005, before me personally appeared Scott A. Meyer, 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.

Les gen & Les golon

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PATENT **REEL: 016351 FRAME: 0437** 

IN TESTIMONY WHEREOF, I have hereunto set my hand this 17 day of Tanuary, 2005.

John Michael Vocgele

STATE OF

COUNTY OF\_

[SEAL]

101A K. BERGSTROM 101UHUD - MINNESOTA 101UHUD - MINNESOTA 101UHUD - MINNESOTA

Length H Besept.
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 13 day of 2005.

Derek Daniel Bohn

STATE OF

COUNTY OF

F Kamsy )

[SEAL]

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Hengia K. Lisastir

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IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\frac{13}{} day of STATE OF -On this 13 day of Manan, 2005, before me personally appeared Eric Keith Enrooth, known to me to be the person desorbed 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] IN TESTIMONY WHEREOF, I have hereunto set my hand this 13th day of January , 2005. On this / 3 day of 12005, before me personally appeared Clayton Scott Foster, 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]

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IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_/3\_ day of

*Jan.*, 2005.

David William Yost

STATE OF

COUNTY OF.

William Yost, 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]

CONTROL ECRETA K. BERGSTROM CONTROL PURGO - MEDICICAL EN CARREL BUYERS STREETS

Notary Public

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PATENT REEL: 016351 FRAME: 0440