

RECORDATION FORM COVER SHEET  
PATENTS ONLY

Atty Ref/Docket No.: 279.794US1

Patent and Trademark Office

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

## 1. Name of conveying parties:

Yanting Dong, Jiang Ding, Douglas R. Daum, Scott A.  
Meyer and Yinghong YuAdditional name(s) of conveying party(ies) attached?  
☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ OtherExecution Date: June 7, 2005, June 9, 2005, June 7,  
2005, June 7, 2005, June 7, 2005

## 2. Name and address of receiving party(ies):

Name: Cardiac Pacemakers, Inc.

Street Address: 4100 Hamline Avenue North

City: St. Paul State: MIN Zip: 55112-5798Additional name(s) & address(es) attached? ☐ Yes ☒ No

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

If this document is being filed together with a new application, the execution date of the application is: June 7, 2005,  
June 9, 2005, June 7, 2005, June 7, 2005, June 7, 2005

A. Patent Application No.(s)

B. Patent No.(s)

Serial No. 11/097,460, filed April 1, 2005

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence  
concerning document should be mailed:Name: Timothy E. BianchiAddress:  
Schwegman, Lundberg, Woessner & Kluth, P.A.  
P.O. Box 2938  
Minneapolis, MN 554026. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account8. Please charge any additional fees or credit any over  
payments to our Deposit account number: 19-0743**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.Timothy E. Bianchi / Reg. No. 39,610  
Name of Person Signing

Signature

Date

Total number of pages including cover sheet: 6

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

700220271

PATENT  
REEL: 016939 FRAME: 0482

CH \$40.00 190743 11097460

## ASSIGNMENT

WHEREAS, We, Yanting Dong, residing at 295 Oak Hill Dr, Shoreview,  
MN 55108, and Jiang Ding, residing at 1237 Countryview Circle, Maplewood, MN 55109, and  
YD Douglas R. Daum, residing at 917 Briar Elm Ct, Lundberg, MN 55129, and Scott A. Meyer,  
1050 23rd Street North, Oakdale, MN 55128, and Yinghong Yu, residing at 5953  
Keithson Drive, Shoreview, MN 55126, made certain new and useful inventions and  
improvements for which we filed an application for Letters Patent of the United States on April  
1, 2005, which application was assigned U.S. patent application serial number 11/097,460, and is  
entitled ELECTROGRAM MORPHOLOGY-BASED CRT OPTIMIZATION;

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 55112-5798 (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 good and  
valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, 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 said  
application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters  
Patent which may be granted there from, 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 said 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 there from; and 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 said Assignee as the assignee of the entire right, title and  
interest in and to the same, for the use of the said Assignee, its successors and assigns.

Docket No: 279.794US1  
Serial Number : 11/097,460  
Filing Date : April 1, 2005  
Page 2 of 6

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.

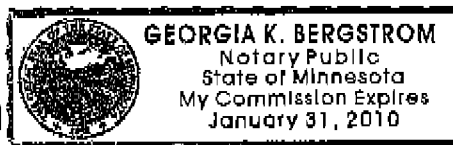
IN TESTIMONY WHEREOF, I have hereunto set my hand this 7 day of  
June, 2005.

Yanting Dong  
Yanting Dong

STATE OF Minnesota )  
 )ss  
COUNTY OF Ramsey )

On this 7 day of June, 2005 before me personally appeared Yanting Dong, 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

Docket No: 279,794US1  
Serial Number : 11/097,460  
Filing Date : April 1, 2005  
Page 3 of 6

IN TESTIMONY WHEREOF, I have hereunto set my hand this 9<sup>th</sup> day of  
June, 2005.



Jiang Ding

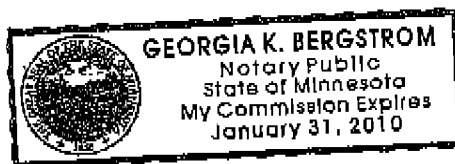
STATE OF Mn )

)ss

COUNTY OF  Ramsey  )

On this 9 day of June, 2005 before me personally appeared Jiang Ding, 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

Docket No: 279.794US1  
Serial Number : 11/097,460  
Filing Date : April 1, 2005  
Page 4 of 6

IN TESTIMONY WHEREOF, I have hereunto set my hand this 7 day of

June, 2005.



Douglas R. Daum

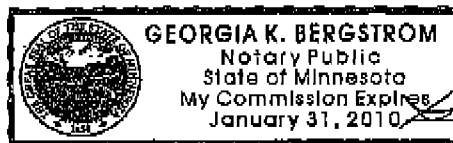
STATE OF Me)


)ss

COUNTY OF Lamar)

On this 7 day of June, 2005 before me personally appeared Douglas R. Daum 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]



  
Notary Public

Docket No: 279.794US1  
Serial Number : 11/097,460  
Filing Date : April 1, 2005  
Page 5 of 6

IN TESTIMONY WHEREOF, I have hereunto set my hand this 7<sup>th</sup> day of

June, 2005.

Scott A. Meyer  
\_\_\_\_\_  
Scott A. Meyer

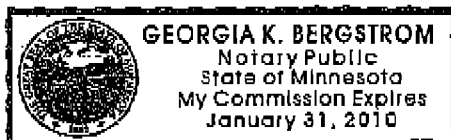
STATE OF Mn )

)ss

COUNTY OF  Ramsey  )

On this 7 day of June, 2005 before me personally appeared Scott A. Meyer, 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

Docket No: 279,794US1  
Serial Number : 11/097,460  
Filing Date : April 1, 2005  
Page 6 of 6

IN TESTIMONY WHEREOF, I have hereunto set my hand this 7<sup>th</sup> day of June, 2005.

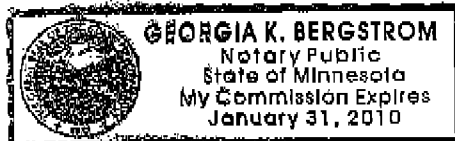
Yinghong Yu

STATE OF Mn)

COUNTY OF Lamsey) ss

On this 7 day of June, 2005 before me personally appeared Yinghong Yu 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