

03-06-2000

HEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Atty Ref/Docket No.: 279.221US1



101282457

To the Honorable Commissioner of Patents and Trademarks, U.S. Department of Commerce, Patent and Trademark Office, Washington, D.C. 20231, for documents or copy thereof.

1. Name of conveying party(ies):

Geng Zhang, Qingsheng Zhu, Laura Mephram and
Jesse W. Hartley

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

Name: Cardiac Pacemakers, Inc.

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

Street Address: 4100 Hamline Avenue North

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

City: St. Paul State: MN ZIP: 55112

Additional name(s) & address(es) attached? ☐ Yes ☒ No

Execution Date: January 5, 2000; January 17, 2000

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: _____

A. Patent Application No.(s)

B. Patent No.(s)

Serial No. 09/410,403, filed October 1, 1999

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Timothy E. Bianchi

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

Address: Schwegman, Lundberg, Woessner & Kluth, P.A.
P.O. Box 2938
Minneapolis, MN 55402

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Please charge any additional fees or credit any overpayments to our
Deposit account number: 19-0743

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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

Timothy E. Bianchi
Signature

Jan. 24, 2000
Date

Total number of pages including cover sheet: 5

OMB No. 0651-0011 (exp. 4/94)

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PATENT
REEL: 010580 FRAME: 0106

ASSIGNMENT

WHEREAS, WE, Geng Zhang, residing at 654 Parkwood Circle, Vadnais Heights, MN 55127, and Qingsheng Zhu, residing at 3025 Valento Lane, Little Canada, MN 55117, and Laura Mephram, residing at 5975 Highview Place, Shoreview, MN 55126, and Jesse W. Hartley, residing at 339 Linda Court, Lino Lakes, MN 55014, made certain new and useful inventions and improvements for which We filed an application for Letters Patent of the United States on October 1, 1999, which application was assigned U.S. patent application serial number 09/410,403, and is entitled METHOD AND APPARATUS FOR ADJUSTING THE SENSING THRESHOLD OF A CARDIAC RHYTHM MANAGEMENT DEVICE.

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 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 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 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 therefrom; 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.

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 me/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 17 day of January, ²⁰⁰⁰~~1999~~.

Geng Zhang
Geng Zhang

STATE OF Minnesota
)
) ss.

COUNTY OF Ramsey

On this 17th day of January, ²⁰⁰⁰~~1999~~ before me personally appeared Geng Zhang to me

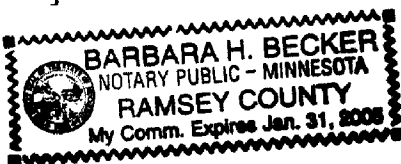
known and known to me to be the person described in and who executed the foregoing instrument,

and he/she duly acknowledged to me that he/she executed the same for the uses and purposes

therein set forth.

[SEAL]

Barbara H. Becker
Notary Public



IN TESTIMONY WHEREOF, I have hereunto set my hand this 5th day of Jan, 2000, 1999.

Qingsheng Zhu
Qingsheng Zhu

STATE OF Minnesota)

)ss.

COUNTY OF Ramsey

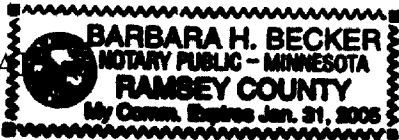
On this 5th day of January, 2000, 1999 before me personally appeared Qingsheng Zhu to

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]



Barbara H. Becker

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 5th day of JAN, 2000, 1999.

Laura Mephram
Laura Mephram

STATE OF Minnesota)

)ss.

COUNTY OF Ramsey

On this 5th day of January, 2000, 1999 before me personally appeared Laura Mephram to

me known and known to me to be the person described in and who executed the foregoing

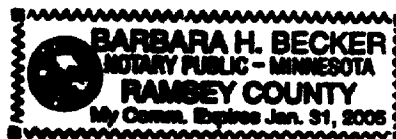
instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and

purposes therein set forth.

[SEAL]

Barbara H. Becker

Notary Public



PATENT

REEL: 010580 FRAME: 0109

IN TESTIMONY WHEREOF, I have hereunto set my hand this 5 day of Jan, ²⁰⁰⁰~~1999~~.

Jesse W. Hartley
Jesse W. Hartley

STATE OF Minnesota)

COUNTY OF Ramsey) ss.

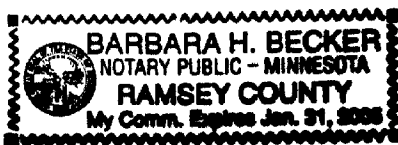
On this 5th day of January, ²⁰⁰⁰~~1999~~ before me personally appeared Jesse W. Hartley to

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]



Barbara H. Becker
Notary Public