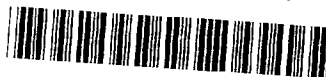


FORM PTO-1594
01-10-96:CMGMRD
2/20/2

03-08-2002

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Atty Ref/Docket No.: 279.404US1



To the Honorable Commissioner of Patents and Trade.

102007386

y thereof.

1. Name of conveying party(ies):

Robert S. Harguth, Ron A. Balczewski, William J. Linder,
Gregory S. Munson and Michael W. Paris

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

Name: Cardiac Pacemakers, Inc.

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

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Street Address: 4100 Hamline Avenue North

City: St Paul State: MN ZIP: 55112

Additional name(s) & address(es) attached? ☐ Yes ☒ NoExecution Date: January 7, 2002; January 7, 2002; January 11, 2002;
January 7, 2002; January 8, 2002

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. 09/990,180, filed November 21, 2001

FEB 20 2002

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:

Name: Eduardo E. Drake

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

6. Total number of applications and patents involved: 1

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

☒ Enclosed☐ Authorized to be charged to deposit account8. 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.

Eduardo E. Drake/Reg. No. 40,594

Name of Person Signing

Signature

Date

Total number of pages including cover sheet: 5

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

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PATENT
REEL: 012638 FRAME: 0024

ASSIGNMENT

WHEREAS, WE, Robert S. Harguth, residing at 16248 Davenport Street N.E., Ham Lake, MN 55304, and Ron A. Balczewski, residing at 1391 Ryan Avenue West, Roseville, MN 55113, and William J. Linder, residing at 2640 Kyle Avenue North, Golden Valley, MN 55422, and Gregory S. Munson, residing at 801 Utah Avenue South, Golden Valley, MN 55426, and Michael W. Paris, residing at 11424 100th Place North, Maple Grove, MN 55369, Administration, made certain new and useful inventions and improvements for which We filed an application for Letters Patent of the United States on November 21, 2001, which application was assigned U.S. patent application serial number 09/990,180, and is entitled REFORMING WET-TANTULUM CAPACITORS IN IMPLANTABLE MEDICAL DEVICES.

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 therefore;

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.

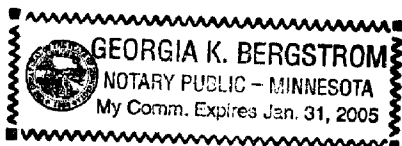
IN TESTIMONY WHEREOF, I have hereunto set my hand this 7 day of JAN, 200²1.

Robert S. Harguth
Robert S. Harguth

STATE OF Mn)
)ss.
COUNTY OF Ramsey)

On this 7 day of January, 200²1 before me personally appeared Robert S. Harguth 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 7 day of January, 2002.

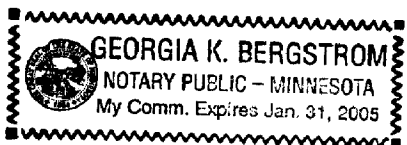
Ron A. Balczewski
Ron A. Balczewski

STATE OF Mn.)

COUNTY OF Ramsey) ss.

On this 7 day of January, 2002 before me personally appeared Ron A. Balczewski 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 JAN, 2001.

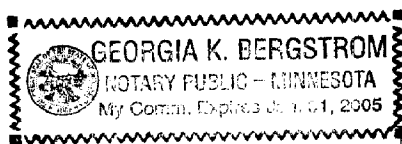
William J. Linder
William J. Linder

STATE OF Mn.)

COUNTY OF Ramsey) ss.

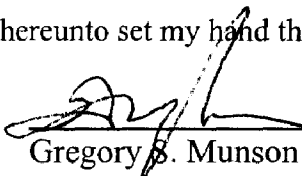
On this 11 day of January, 2002 before me personally appeared William J. Linder to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]



Georgia K. Bergstrom
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 7 day of January, 2002.



Gregory S. Munson

STATE OF Mn.)

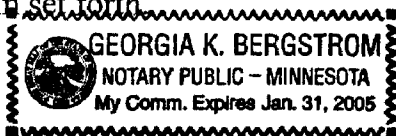
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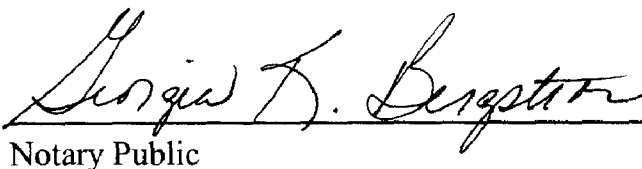
COUNTY OF Ramsey)

On this 7 day of January, 2002 before me personally appeared Gregory S. Munson

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.

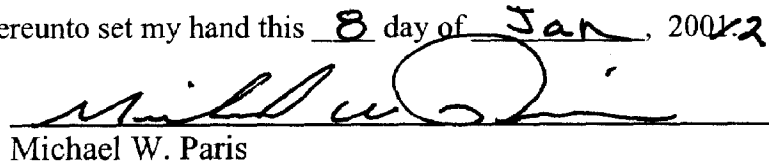
[SEAL]





Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 8 day of Jan, 2002.



Michael W. Paris

STATE OF Mn.)

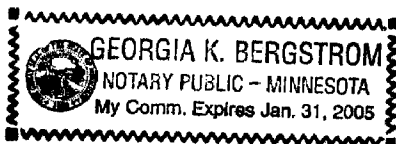
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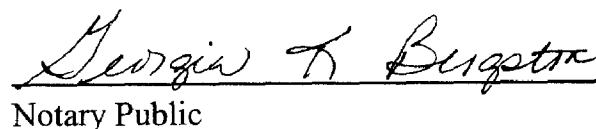
COUNTY OF Ramsey)

On this 8 day of JANUARY, 2002 before me personally appeared Michael W. Paris 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