

04-29-2002

Atty Ref/Docket No.: 279.396US1



To the Honorable Commissioner of Patents and Trade

102070620

or copy thereof.

1. Name of conveying party(ies):

Jeffrey A. Von Arx, Michael J. Lyden, William J. Linder,  
Scott T. Mazar, Allan T. Koshiol, Mark Gryzwa,  
Dorothy Nauman and Scott Hostine

Additional name(s) of conveying party(ies) attached? [ ] Yes [X] No

3. Nature of conveyance:

[X] Assignment [ ] Merger  
[ ] Security Agreement [ ] Change of Name  
[ ] Other

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

Name: Cardiac Pacemakers, Inc.

Street Address: 4100 Hamline Avenue North

City: St. Paul State: MN ZIP: 55112

Additional name(s) & address(es) attached? [ ] Yes [X] No

Execution Date: February 26, 2002; February 22, 2002; February 26, 2002;  
February 27, 2002; February 22, 2002; February 25, 2002; February 26,  
2002; March 5, 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. 10/041,725, filed January 8, 2002

Additional numbers attached? [ ] Yes [X] No

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

Name: Suneel Arora

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

[X] 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

04/26/2002 GTOM11 00000145 10041725

01 FC:581

40.00 DP

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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.

Suneel Arora/Reg. No. 42,267  
Name of Person Signing

Signature

Date

April 5, 2002  
Total number of pages including cover sheet: 7

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

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PATENT  
REEL: 012823 FRAME: 0652

## ASSIGNMENT

WHEREAS, WE, Jeffrey A. Von' Arx, residing at 2115 Emerson Avenue South, Minneapolis, MN 55405, and Michael J. Lyden, residing at 3262 Owasso Heights Road, Shoreview, MN 55126, and William J. Linder, residing at 2640 Kyle Avenue North, Golden Valley, MN 55422, and Scott T. Mazar, residing at 6170 Brent Avenue East, Inver Grove Heights, MN 55076, and Allan T. Koshiol, residing at 6630 Ruffed Grouse Road, Lino Lakes, MN 55014, and Mark Gryzwa, residing at 3204 Copper Oaks Trail, Woodbury, MN 55125, and Dorothy Nauman, residing at 1101 Lecuyer Court, Stillwater, MN 55082, and Scott Hostine, residing at 1648 Colby Lake Drive, Woodbury, MN 55125, made certain new and useful inventions and improvements for which We filed an application for Letters Patent of the United States on January 8, 2002, which application was assigned U.S. patent application serial number 10/041,725, and is entitled TWO-HOP TELEMETRY INTERFACE FOR MEDICAL 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 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.

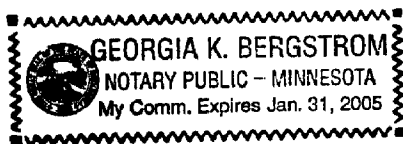
IN TESTIMONY WHEREOF, I have hereunto set my hand this 26 day of Feb, 2002.

Jeffrey A. Von Arx

STATE OF Mass. )  
 )ss.  
COUNTY OF Lansing )

On this 26 day of February, 2002 before me personally appeared Jeffrey A. Von Arx 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 22 day of February, 2002.

Michael J. Lyden  
Michael J. Lyden

STATE OF Mn. )  
 )ss.  
COUNTY OF Ramsey )

On this 22 day of February, 2002 before me personally appeared Michael J. Lyden 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

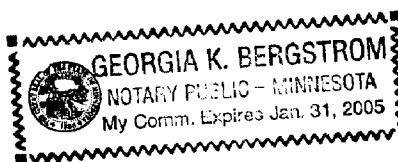
IN TESTIMONY WHEREOF, I have hereunto set my hand this 26 day of FEB, 2002.

William J. Linder  
William J. Linder

STATE OF Mn. )  
 )ss.  
COUNTY OF Ramsey )

On this 26 day of February, 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

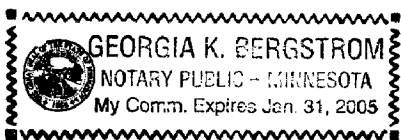
IN TESTIMONY WHEREOF, I have hereunto set my hand this 27<sup>TH</sup> day of February, 2002.

Scott T. Mazar  
Scott T. Mazar

STATE OF Mn. )  
 )ss.  
COUNTY OF Ramsey )

On this 27 day of February, 2002 before me personally appeared Scott T. Mazar 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

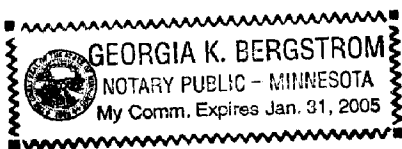
IN TESTIMONY WHEREOF, I have hereunto set my hand this 22 day of February, 2002.

Allan T. Koshiol  
Allan T. Koshiol

STATE OF Mn. )  
 )ss.  
COUNTY OF Ramsey )

On this 22 day of February, 2002 before me personally appeared Allan T. Koshiol 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



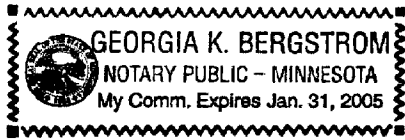
IN TESTIMONY WHEREOF, I have hereunto set my hand this 5<sup>th</sup> day of MARCH, 2002.

Scott Hostine  
Scott Hostine

STATE OF Mn )  
 )ss.  
COUNTY OF Ramsey )

On this 5 day of March, 2002 before me personally appeared Scott Hostine 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