Patent and Trademark Office

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To 1	ne Director of the U.S. Patent and Trademark	Office: Please record t	he attached original	documents or copy there	of.
			ne and address of ter		

Name of conveying party(ies):

Atty Ref/Docket No.; 279.H07US1

Mark G. Deehr, David A. Chizek, Mahesh Maddali,

Dennis E. Larson and Keith R. Maile

Additional name(s) of conveying party(ies) attached?

[]Yes [X]No

3. Nature of conveyance:

[X] Assignment

[] Merger

[] Security Agreement[] Change of Name

[] Other

Execution Date: November 3, 2009, November 3, 2009 October 30, 2009, November 9, 2009, October 28, 2009

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)

Serial No. 12/579,980, filed October 15, 2009

Additional numbers attached? []Ycs [X]No

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

Name: Suneel Arora

Address:

Schwegman, Lundberg & Woessner, P.A.

P.O. Box 2938

Minneapolis, MN 55402-0938

6. Total number of applications and patents involved: 1

B. Patent No.(s)

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

Name: Cardiac Pacemakers, Inc.

Street Address: 4100 Hamline Avenue North

City: St. Paul State: MN Zip: 55112-5798

Additional name(s) & address(es) attached? []Yes

[X]Authorized to be charged to deposit account

19-0743

8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743

DO NOT USE THIS SPACE

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.

<u>Suneel Arora/Reg. No. 42,267</u>

Name of Person Signing

December 4, 2009

Total number of pages including cover sheet: 8

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

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

Attorney Docket No.279-H07US1 Client Ref No. 09-034

ASSIGNMENT

WHEREAS, We, Mark G. Deehr, residing at 19522 NE 202nd Place, Woodinville, WA 98077, and David A. Chizek, residing at 10308 Major Drive North, Brooklyn Park, MN 55443, and Mahesh Maddali, residing at 788 Woodridge Ct., Mahtomedi, MN 55115, and Dennis E. Larson, residing at 4159 Parkridge Drive, White Bear Lake Township, MN 55110, and Keith R. Maile, residing at 1380 North Pike Lake Court, New Brighton, MN 55112, made certain new and useful inventions and improvements which are described in an application for U.S. Letters Patent on October 15, 2009, which application was assigned U.S. patent application serial number 12/579,980, and is entitled IN-HEADER PERIMETER RF ANTENNA;

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:

SELL, ASSIGN AND TRANSFER to <u>Cardiac Pacemakers</u>, <u>Inc.</u> (the "Assignee"), a corporation of the State of <u>Minnesota</u>, having a place of business at <u>4100 Hamline Avenue North</u>. <u>St. Paul</u>, <u>MN 55112-5798</u>, the entire right, title and interest for the United States and all foreign countries in and to: any and all inventions and improvements which are disclosed in the identified application for U.S. Letters Patent, and which may be further identified below; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries on any of such inventions and/or improvements (including any applications for utility models); all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions and/or improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and to claim priority based on the identified application;

AUTHORIZE AND REQUEST that any attorney associated with U.S. PTO Customer No. <u>45458</u> may (directly or through his/her designee) delete, insert, or alter any information identifying this application, or any related application, below, after execution of this Assignment;

Additional Application Information

U.S. Provisional Application Serial No. 61/106,068, filed on October 16, 2008.

U.S. Provisional Application Serial No. 61/228,109, filed on July 23, 2009. No U.S. Non-Provisional claim for priority is being made at this time.

No International or foreign claim for priority is being made at this time.

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

ASSIGNMENT Docket No: 279,H07US1 Client Rof. No. 09-034 Assignors: Mark G. Deehr et al. Serial Number: 12/579,980

Title: IN-HEADER PERIMETER RF ANTENNA

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WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and/or property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such improvements in the Assignee, or for securing, maintaining and enforcing proper patent protection for such improvements;

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned, and is to extend to the benefit of the successors, assigns and nominees of the Assignee.

AGREED as of the date of my signature below:

ASSIGNMENT Docket No: 279,H07USI Client Ref. No. 09-034 Assignors: Mark G. Daehr et al.

Assignors: Mark G. Deehr et al. Serial Number: 12/579,980

Title: IN-HEADER PERIMETER RF ANTENNA

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 3rd day of OOCMber, 2009.

Mark G. Deehr

COUNTY OF KING

On this 2/2 day of 100 cm/2, 20 5 before me personally appeared Mark G. Deehr, 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] SUBLE TO MULLING OF WASHINGTON OF WAS

ASSIGNMENT

Docket No: 279-H07US1 Client Ref. No. 09-034

Assignors: Mark G. Deehr et al.

Serial Number: 12/579,980
Title: IN-HEADER PERIMETER RF ANTENNA

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IN TESTIMONY WHEREOF, I have herewhto set my hand this 31 day of

November , 2009.

David A. Chizek

STATE OF M

COUNTY OF 2 AMSE

On this 3 v d day of NOVEWALV, 20 09 before me personally appeared David A. Chizek, 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.

PATRICIA A. RUTZ Notary Public State of Minnesota My Commission Expire January 31, 2010

Notary Public

PATENT

ASSIGNMENT
Docket No: 279.H07US1
Client Ref. No. 09-034
Assignors: Mark G. Deehr et al.
Serial Number: 12/579,980
Title: IN-EEADER PERIMETER RF ANTENNA
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IN TESTIMONY WHEREOF, I have hereunto set my hand this $\frac{50}{100}$ day of $\frac{1000}{1000}$

STATE OF MN

COUNTY OF RAWSEY

On this 30 day of 0000 20 before me personally appeared Mahesh Maddali, 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.

[SE M

PATRICIA A. RUTZ
Notary Public
State of Minnesota
My Commission Expires
Lanuary 31, 2010

Notary Public

PATENT

ASSIGNMENT Docket No: 279.H07US1 Client Ref. No. 09-034 Chick Ref. No. 99054 Assignors: Mark G. Dechr et al. Serial Number: 12/579,980 Title: IN-HEADER PERIMETER RF ANTENNA

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IJ.	I TESTIMONY W	HEREOF, I have hereunto set my hand this day of
November	<u> </u>	Jan F. Jan
TATE OF	mN	Dennis E. Larson

COUNTY OF RAMSEY

the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

PATRICIA A. RUTZ Notary Public State of Minnesota Ay Commission Expires January 31, 2010

Notary Public

ASSIGNMENT Docket No: 279.H07US1 Client Ref. No. 09-034 Assignors: Mark G. Dechr et al. Serial Number: 12/579,980

Title: IN-HEADER PERIMETER RF ANTENNA

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 28 day of October, 2009.

Kett Rmais

Keith R. Maile

STATE OF MN

COUNTY OF RAMSEY

RECORDED: 12/04/2009

PATRICIA A 2017 Notory Public Stope of Mindesota My Commission Expires January 31, 2010

Patricia a. Rutz Notary Public

PATENT