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RECORDATION FORM COVER SHEET PATENTS ONLY

Atty Ref/Docket No.: 279.H69US1 Patent and Trademark Office To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof. Name and address of receiving party(ies): 1. Name of conveying party(ies): Name: Cardiac Pacemakers, Inc. Jeffrey E. Stahmann, Michael A. Querimit, Donald L. Hopper, Brian Ralph Larson, Paul F. Emerson, Daniel Street Address: 4100 Hamline Avenue North O'Brien City: St. Paul State: MN Zip: <u>55112-5798</u> Additional name(s) of conveying party(ics) attached? Country: United States of America []Yes [X]No Additional name(s) & address(es) attached? []Yes [X]No 3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other Execution Date: <u>December 1, 2010, November 16, 2010,</u> <u>November 15, 2010, November 16, 2010, November 19, 2010, November 24, 2010</u> 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. 12/970,613, filed December 16, 2010 Additional numbers attached? []Yes [X]No 6. Total number of applications and patents involved: 1 Name and address of party to whom correspondence. concerning document should be mailed: 7. Total fee (37 CFR 3.41):\$ 40.00 Name: J. Kevin Parker []Enclosed [X]Authorized to be charged to deposit account Address: 19-0743 Schwegman, Lundberg & Woessner, P.A. P.O. Box 2938 8. Please charge any additional fees or credit any over Minneapolis, MN 55402-0938 payments to our Deposit Account No.: 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. 2-3-2011 J. Kevin Parker/Reg. No. 33,024 Name of Person Signing Date

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

PATENT REEL: 025762 FRAME: 0939

Total number of pages including cover sheet: 9

Attorney Docket No. 279.)169US1 Client Ref. No. 09-101

ASSIGNMENT

WHEREAS, Wc, Jeffrey E. Stahmann, residing at 4850 - 154th Lanc NW, Ramsey, MN 55303, and Michael A. Querimit, residing at 6069 Woody Lane NE, Fridley, MN 55432, and Donald L. Hopper, residing at 11761 99th Avenue North, Maple Grove, MN 55369, and Brian Ralph Larson, residing at 752 Gramsie Road, Shoreview, 20 Ground fue 55416, and Daniel O'Brien, residing at 2004 Yosemite Ave. S., St. Louis Park, MN 55762, made certain new and useful inventions and improvements which are described in Minnerpol.) MA an application for U.S. Letters Patent entitled <u>AUTOMATIC PROGRAMMING OF</u> <u>RATE-ADAPTIVE THERAPY VIA ACTIVITY MONITORING</u> WHEREAS, We hereby authorize and request the attorneys, representing Cardiac Pacemakers, Inc. on this application, at Schwegman, Lundberg & Wocssner, P.A., located at 121 South Eighth Street, Suite 1600, Minneapolis, MN 55402, to insert here in parentheses (Ser. No. 12/970 612: Eiling Data

parentheses (Ser. No. 12/970, 613; Filing Date Dec, 16, 2019 the filing date and application number of said application when known.

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

SELL, ASSIGN AND TRANSFER to Cardiac Pacemakers, Inc. (the "Assignee"), a corporation of the State of Minnesota, having a place of business at 4100 Hamline Avenue North, St. Paul, MN 55112-5798, 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. 45458 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. 61/287,306, filed on December 17, 2009.

ASSIGNMENT Docket No: 279.H69US1 Client Ref. No. 09-101 Assignors: Jeffrey E. Stahmann et al, Title: AUTOMATIC PROGRAMMING OF RATE-ADAPTIVE THERAPY VIA ACTIVITY MONITORING Page 2 of S

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 Assignce;

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 Assignce, 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:

ASSIGNATENT Client Ref. No. 09-101	Docket No: 279.H69US)
Assignors: Jeffrey E. Stahmann et al. Title: AUTOMATIC PROGRAMMING OF RATE-ADAPTIVE T Page 3 of 8	TERAPY VIA ACTIVITY MONITORING
IN TESTIMONY WHEREOF, I have	hereunto set my hand this $4sz$ day of
Vecemour, 2000.	HESK.
STATE OF MN	Jeffrey E. Stahmann
COUNTY OF	
On this day of	20 before me personally appeared
 Jeffrey E. Stahmann, to me known and known to a executed the foregoing instrument, and ho/she dul 	
same for the uses and purposes therein set forth.	THIM GUMMI
Notary Public Notary Public Minnesota My Commission Expres January 31, 2015	Notary Public
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PATENT REEL: 025762 FRAME: 0942

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ASSIGNMENT Client Ref. No. 09-101	Docket No: 279.H69US3
Assignors: Jeffrey E. Slabmann et al. Title: AUTOMATIC PROGRAMMING OF RATE-ADAPTIVE TE Page 4 of 8	TERAPY VIA ACTIVITY MONITORING
	hereunto set my hand this 16 day of
November , 2010.	
1/10)	MAC
STATE OF	Michael A. Querimit
COUNTY OF RUMFU	
On this U day of NWI	_, 20 before me personally appeared
Michael A. Querimit, to me known and known to executed the foregoing instrument, and te she dul same for the uses and purposes therein set forth.	y acknowledged to me that he she executed the
Paula Michelle Suchy Notary Public Minnesota Ny Commission Expires January 31, 2015	Rama adm
<u> </u>	Notary Rublic

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ASSIGNMENT Client Ref. No. 09-101	Docket No: 279.H69US1
Assignors: Jeffrey E. Stahmann et al. Title: AUTOMATIC PROGRAMMING OF RATE-ADAPTIVE THERAPY VIA ACTIVITY MC Page 5 of 8	DNITORING
IN TESTIMONY WHEREOF, I have hereunto set my hand	this 15 day of
Norenber , 2010.	
Duesth	<u> </u>
STATE OF	L. Hopper
COUNTY OF HAMSEL)SS	
	personally appeared
Donald L. Hopper, to me known and known to me to be the person desc executed the foregoing instrument, and he/she duly acknowledged to me	ribed in and who that he she executed the
same for the uses and purposes therein set forth.	
Paula Michelle Suchy Notary Public Minnesota My Commission Explose January 31, 2015	MM
	(

ASSIGNMENT Client Ref. No. 09-101	Docket No: 279.H69USI
Assignors: Jeffrey E. Stohmann et al. Title: AUTOMATIC PROGRAMMING OF RATE-ADAPTIVE T	HERAPY VIA ACTIVITY MONITORING
Page 6 of 8	
, IN TESTIMONY WHEREOF, I have	hercunto set my hand this 16 day of
Novanber, 2010.	
B	rian Ralph Larson
STATE OF MD	Briau Ralph Larson
COUNTY OF Ray)SS	
On this $\label{eq:constraint} day of \label{eq:constraint} U \ day of \ day $	20 before me personally appeared
Brian Ralph Larson, to me known and known to n executed the foregoing instrument, and heighted up	y acknowledged to me that he executed the
same for the uses and purposes therein set forth	
ALE COMPANY 1,2015	Hand Lunn
	Notary Public
Peula Michelle Suchy Notary Public Minnesota My Commission Expres January 31, 2015	

ASSIGNMENT Client Ref. No. 09-101 Assignors: Jeffrey E. Stahmann et al. Title: AUTOMATIC PROGRAMMING OF RATE-ADAPTIVE THERAI	Docket No: 279.H69US1 PY VIA ACTIVITY MONITORING
NTESTIMONY WILEREOF, I have here November, 2010.	
Tar	17 merson
	Paul F. Emerson
STATE OF MINUESOTA	
COUNTY OF RAMSEY	
On this day of day of <u>F. Emerson</u> , to me known and known to me to be the p foregoing instrument, and he/she duly acknowledged t uses and purposes therein set forth.	person described in and who executed the
[SEAL] Gregory J. Hanson Notary Public Minnesota My Commission Expires January 31, 2014	Notary Public + +++++++++++++++++++++++++++++++++

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ASSIGNMEN'T	Docket No: 279.H69US1
Client Ref. No. 09-101 Assignors: Jeffrey E. Stalunann et al. Title: AUTOMATIC PROGRAMMING OF RATE-ADAP Page § of §	TIVE THERAPY VIA ACTIVITY MONITORING
	I have hereunto set my hand this 24 day of
<u>Alurember</u> , 2010.	Un the
STATE OF	Daniel O'Brien
COUNTY OF RUMAN)SS	
On this <u><u><u></u></u> day of <u><u></u> <u>U</u> <u>U</u></u></u>	20 before me personally appeared me to be the person described in and who executed
the foregoing instrument, and he she duly a the uses and purposes therein set forth.	cknowledged to me that he/she executed the same for
	TAMA SUM/
All Paula Michelle Suchy Notary Public Minnesota Ny Commission Explice January 31, 2015	Notary Public