502897899 07/18/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2944496

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WILLIAM CHONGWON CHOE	02/11/2014
PAUL RUZUMNA	02/15/2014

RECEIVING PARTY DATA

Name:	CARDIAC LEAD TECHNOLOGIES, LLC
Street Address:	5520 PEMBROKE ROAD
City:	BETHESDA
State/Country:	MARYLAND
Postal Code:	20817

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14256717

CORRESPONDENCE DATA

Fax Number: (202)344-8300

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 2023448000

Email: ELWRIGHT@VENABLE.COM

Correspondent Name: HENRY J. DALEY

Address Line 1: 575 7TH STREET, N.W.

Address Line 4: WASHINGTON, D.C. 20004

ATTORNEY DOCKET NUMBER:	97838-364621
NAME OF SUBMITTER:	HENRY J. DALEY, REG. NO. 42,459
SIGNATURE:	/HENRY J. DALEY/
DATE SIGNED:	07/18/2014

Total Attachments: 4

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> PATENT REEL: 033341 FRAME: 0717

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Attorney Docket No.: 97838-343705

WORLDWIDE ASSIGNMENT

WHEREAS William Chongwon Choe of Highlands Ranch, Colorado and Paul Ruzumna of Wilmette, Illinois, hereinafter (collectively) referred to as the Assignor, has invented a certain improvement relating to ELECTROCARDIOGRAPH MONITORING DEVICE AND CONNECTOR, which said Assignor has caused an application for United States Letters Patent to be prepared,

[x] the inventor's declaration for said application being executed concurrently with the execution of this instrument, said application to be filed in the United States Patent and Trademark Office;
[] said application having been filed in the United States Patent and Trademark Office on, Serial Number

WHEREAS <u>Cardiac Lead Technologies</u>, <u>LLC of 5520 Pembroke Road</u>, <u>Bethesda</u>, <u>Maryland 20817</u>, hereinafter referred to as the Assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefore, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by Assignee to Assignor, the receipt and sufficiency of which is hereby acknowledged:

Assignor hereby assigns, sells and transfers, and has assigned, sold, and transferred to Assignee, its successors and assigns, the entire and exclusive right, title, and interest for the United States in and to the invention, the application, any application for which priority is claimed, and all applications claiming priority therefrom, including any and all divisions, continuations, in whole or in part, substitutions, renewals, reissues, reexaminations, and all patents which may be granted therefor, and extensions thereof; and Assignor authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such patents, insofar as Assignor's interest is concerned, to Assignee; to have, hold, exercise, and enjoy, with all associated rights, powers, privileges, and advantages, for and during and to the end of the term or terms of such patents when granted, for the sole and exclusive use and benefit of Assignee, its successors and assigns, to the same extent as Assignor would hold and enjoy if this Assignment had not been made.

Assignor further hereby assigns, sells and transfers, and has assigned, sold, and transferred to Assignee, its successors and assigns, the entire right, title and interest in all countries of the world, in and to the invention, the application, any application for which priority is claimed, and all applications claiming priority therefrom, including all national applications, regional applications, divisions, reissues, substitutions, continuations, in whole or in part, re-examinations, and all patents which may be granted therefor, and extensions thereof, including the right to file applications and obtain patents for the invention in its own name, in all countries and including all rights of priority in all countries under the terms of any applicable international convention, insofar as Assignor's interest is concerned; and Assignor hereby authorizes and requests the applicable patent office in each country of the world to issue any and all such patents, insofar as Assignor's interest is concerned, to Assignee; to have, hold, exercise, and enjoy, with all associated rights, powers, privileges, and advantages, for and during and to the end of the term or terms of such patents when granted, for the sole and exclusive use and benefit of Assignee, its successors and assigns, to the same extent as Assignor would hold and enjoy if this Assignment had not been made.

Assignor further acknowledge an obligation of assignment of the invention to Assignee at the time the invention was made, and represents and warrants to Assignee, its successors and assigns, that, except for any right, title, or interest that may have arisen to Assignee under law or that was already transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to the invention and application, without encumbrance, and that Assignor has good and full right and lawful authority to assign the invention and application in the manner set forth here.

Assignor further agrees to execute any and all patent applications, assignments, affidavits, declarations, and any other papers in connection therewith necessary to perfect such patent rights, and also agrees, at the request of the Assignee, its successors, or assigns, without charge, to testify in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid Assignee, its successors and assigns, to obtain, maintain, enforce, and defend patent protection for the invention.

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Attorney Docket No.: 97838-343705

WORLDWIDE ASSIGNMENT

Assignor hereby grants the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office, or the patent office of another nation, for recordation of this document:

VENABLE LLP and all practitioners at Customer Number 26694

IN WITNESS WHEREOF, each individual collectively referred to as Assignor has caused this Assignment to be executed,

effective as of the filing date of the earliest filed application listed above, or the date of invention, whichever came first. EXECUTED this 11 day of February, 2013. ASSIGNOR: William Chongwon Choe WITNESS: Signature: Name: Address: WITNESS: Signature: Name: Address: EXECUTED this _____ day of ___ ASSIGNOR: Paul Ruzumna WITNESS: Signature: Signature: Name: Address: WITNESS: Signature: Name:

Address:

6473257-v1

Attorney Docket No.; 97838-343705

WORLDWIDE ASSIGNMENT

WHEREAS William Chongwon Choe of Highlands Ranch, Colorado and Paul Ruzumna of Wilmette, Illinois, hereinafter (collectively) referred to as the Assignor, has invented a certain improvement relating to <u>ELECTROCARDIOGRAPH</u> <u>MONITORING DEVICE AND CONNECTOR</u>, which said Assignor has caused an application for United States Letters Patent to be prepared,

[x] the inventor's declaration for said application being executed concurrently with the exec	ution of this instrument,	
said application to be filed in the United States Patent and Trademark Office;		
,		
[] said application having been filed in the United States Patent and Trademark Office on	, Serial Number	

WHEREAS <u>Cardiac Lead Technologies</u>, <u>LLC of 5520 Pembroke Road</u>, <u>Bethesda</u>, <u>Maryland 20817</u>, hereinafter referred to as the Assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefore, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by Assignee to Assignor, the receipt and sufficiency of which is hereby acknowledged:

Assignor hereby assigns, sells and transfers, and has assigned, sold, and transferred to Assignee, its successors and assigns, the entire and exclusive right, title, and interest for the United States in and to the invention, the application, any application for which priority is claimed, and all applications claiming priority therefrom, including any and all divisions, continuations, in whole or in part, substitutions, renewals, reissues, reexaminations, and all patents which may be granted therefor, and extensions thereof; and Assignor authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such patents, insofar as Assignor's interest is concerned, to Assignee; to have, hold, exercise, and enjoy, with all associated rights, powers, privileges, and advantages, for and during and to the end of the term or terms of such patents when granted, for the sole and exclusive use and benefit of Assignee, its successors and assigns, to the same extent as Assignor would hold and enjoy if this Assignment had not been made.

Assignor further hereby assigns, sells and transfers, and has assigned, sold, and transferred to Assignee, its successors and assigns, the entire right, title and interest in all countries of the world, in and to the invention, the application, any application for which priority is claimed, and all applications claiming priority therefrom, including all national applications, regional applications, divisions, reissues, substitutions, continuations, in whole or in part, re-examinations, and all patents which may be granted therefor, and extensions thereof, including the right to file applications and obtain patents for the invention in its own name, in all countries and including all rights of priority in all countries under the terms of any applicable international convention, insofar as Assignor's interest is concerned; and Assignor hereby authorizes and requests the applicable patent office in each country of the world to issue any and all such patents, insofar as Assignor's interest is concerned, to Assignee; to have, hold, exercise, and enjoy, with all associated rights, powers, privileges, and advantages, for and during and to the end of the term or terms of such patents when granted, for the sole and exclusive use and benefit of Assignee, its successors and assigns, to the same extent as Assignor would hold and enjoy if this Assignment had not been made.

Assignor further acknowledge an obligation of assignment of the invention to Assignee at the time the invention was made, and represents and warrants to Assignee, its successors and assigns, that, except for any right, title, or interest that may have arisen to Assignee under law or that was already transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to the invention and application, without encumbrance, and that Assignor has good and full right and lawful authority to assign the invention and application in the manner set forth here.

Assignor further agrees to execute any and all patent applications, assignments, affidavits, declarations, and any other papers in connection therewith necessary to perfect such patent rights, and also agrees, at the request of the Assignee, its successors, or assigns, without charge, to testify in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid Assignee, its successors and assigns, to obtain, maintain, enforce, and defend patent protection for the invention.

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PATENT REEL: 033341 FRAME: 0720

Attorney Docket No.: 97838-343705

WORLDWIDE ASSIGNMENT

Assignor hereby grants the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office, or the patent office of another nation, for recordation of this document:

VENABLE LLP and all practitioners at Customer Number 26694

IN WITNESS WHEREOF, each individual collectively referred to as Assignor has caused this Assignment to be executed,

ASSIGNOR: William Chongwon Choe WITNESS: Signature: Name: Address: WITNESS: EXECUTED this 15 day of February, 2013. ASSIGNOR: Paul Ruzumna WITNESS: Signature: Name: Address: WITNESS: Signature: Name: Address: WITNESS: Signature: Name: Address: WITNESS: WITNESS: WITNESS: WITNESS: MICHELLE Cedeno Signature: Name: Address: WITNESS: WITNES	EXECUTED this day of	, 2013.
Signature: Name: Address: EXECUTED this 15 day of February, 2013. ASSIGNOR: Paul Ruzumna WITNESS: Signature: Name: Address: WITNESS: WITNESS: WICHELLE Cedeno Signature: Name: Name: Address: Michelle Cedeno Signature: Name:	ASSIGNOR: William Chongwon Choe	WITNESS: Jeanifer Arms
Signature: Name: Address: EXECUTED this 15 day of February, 2013. ASSIGNOR: Paul Ruzumna WITNESS: Signature: Name: Address: WITNESS: WITNESS: WICHELLE Cedeno Signature: Name: Name: Address: Michelle Cedeno Signature: Name:	Signature:	Signature: Janifu Armo J. Name: Address: 10214 Formula M.
Name: Address: EXECUTED this		WITNESS: FOX lake, It selves
ASSIGNOR: Paul Ruzumna WITNESS: Signature: Name: Address: WITNESS: WITNE		Name:
ASSIGNOR: Paul Ruzumna WITNESS: Signature: Name: Address: WITNESS: WITNE		
Signature: Signature: Name: Address: WITNESS: MICHELLE Cederio Signature: Name: Name: Name: Address: Merhall Caderia	EXECUTED this 15 day of Februa	<u>vy</u> , 2013.
WITNESS: MICHELLE Cederio Signature: Name: Address:	ASSIGNOR: Paul Ruzumna	WITNESS: Jenny Ler Arms
Signature: Medulle Codomi	Signature:	Signature: Jenney Armo Name: 1026 Fairway Dr Address: Fox lake, Il 60021
Name: Address:		WITNESS: MICHELLE CEDERO
		Name: Allclull Column

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RECORDED: 07/18/2014