

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5127908

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	07/22/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
<b>Street Address:</b>	1111 FRANKLIN ST., 5TH FLOOR
<b>City:</b>	OAKLAND
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94607-5200
<b>Name:</b>	THE UNITED STATES OF AMERICA AS REPRESENTED BY THE DEPARTMENT OF VETEANS AFFAIRS
<b>Street Address:</b>	810 VERMONT AVENUE NW
<b>City:</b>	WASHINGTON
<b>State/Country:</b>	D.C.
<b>Postal Code:</b>	20420
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14869687
<b>Application Number:</b>	15136268
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(858)430-2427
<i>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.</i>	
<b>Phone:</b>	8587242450
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<b>Correspondent Name:</b>	ELEANOR MUSICK
<b>Address Line 1:</b>	MUSICK DAVISON LLP
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<b>ATTORNEY DOCKET NUMBER:</b>	UC-TOP.14212
<b>NAME OF SUBMITTER:</b>	SCOTT H. DAVISON
<b>SIGNATURE:</b>	/Scott H. Davison/

<b>DATE SIGNED:</b>	09/06/2018
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**Total Attachments: 3**

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source=UC-Executed Assignment\_to\_UC\_&\_VA\_for\_Narayan\_applications 7-22-14#page3.tif

## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR, **The Regents of the University of California**, a California corporation, having its statewide administrative offices located at 1111 Franklin Street, 5th Floor, Oakland, CA 94607-5200, hereby assigns to

**The Regents of the University of California**, a California corporation, having its statewide administrative offices located at 1111 Franklin Street, 5th Floor, Oakland, CA 94607-5200,

and

**The United States of America as represented by the Department of Veterans Affairs, Office of the General Counsel (024)**, 810 Vermont Avenue NW, Washington, DC 20420,

and to each of their respective successors and assigns all of their right, title and interest for the United States and its territorial possessions and in all foreign countries in and to any and all improvements that are disclosed in the issued United States Patents and the applications for United States Patents listed in Schedule A hereto.

This assignment includes the listed applications and patents together with any and all legal equivalents thereof in a foreign country, including the right to claim priority and in and to all Letters Patents to be obtained for said inventions by the listed applications or any continuations, divisionals, continuations-in-part, conversions to 35 U.S.C. 111(a) or substitute thereof, any reissues or reexaminations of such Letters Patents and all rights under all International Conventions for the Protection of Intellectual Property.

Executed on July 22, 2014



Shihong Nicolaou, Ph.D.  
Intellectual Property Manager  
University of California, San Diego

**SCHEDULE A**

APPL. NO.	DKT. NO.	PATENT/ PUBL NO.	FILING DATE	OFFICE	TITLE
61/481,512	PR2378	--	05/02/2011	US	System and Method For Targeting Rhythm Disorders Using Shape Ablation
61/481,607	PR2377	--	05/02/2011	US	System and Method For Reconstructing Cardiac Activation Information
61/569,132	PR2379	--	12/09/2011	US	System and Method For Targeting Rhythm Disorders Using Shape Ablation
12/576,809	US0103	8,521,266 2010/0094274	10/09/2009	US	Methods, System and Apparatus for the Detection, Diagnosis and Treatment of Biological Rhythm Disorders
13/081,411	US1035	8,700,140 2011/0251505	04/06/2011	US	Methods, System and Apparatus for the Detection, Diagnosis and Treatment of Biological Rhythm Disorders
13/217,123	US2377	8,165,666	08/24/2011	US	System and Method For Reconstructing Cardiac Activation Information
13/438,534	2377C1	8,594,777 2012/0283579	04/03/2012	US	System and Method For Reconstructing Cardiac Activation Information
13/462,534	US2378	2013/0006131	05/04/2012	US	System and Method For Targeting Rhythm Disorders Using Shape Ablation
13/470,705	US2379	2013/0150742	05/15/2012	US	System and Method For Targeting Rhythm Disorders Using Shape Ablation
13/559,868	US3793	2013/0150740	7/27/2012	US	System and Method of Identifying Sources for Biological Rhythms
13/840,334	2377C7	2013/0226016	03/15/2013	US	System and Method For Reconstructing Cardiac Activation Information
13/844,562	4212US		03/15/2013	US	System and Method to Define Drivers of Sources Associated with Biological Rhythm Disorders
13/964,604	0103C2	2013/0331718	08/12/2013	US	Method for Detecting Biological Rhythm Disorders
14/062,837	0103C3	2014/0052127	10/24/2013	US	Method for Treating Complex Rhythm Disorders
14/062,848	0103C4	2014/0052013	10/24/2013	US	Method for Analysis of Complex Rhythm Disorders
14/074,619	2377C5	2014/0066787	11/07/2013	US	System and Method For Reconstructing Cardiac Activation Information
14/077,250	2377C6	2014/0073981	11/12/2013	US	System and Method For Reconstructing Cardiac Activation Information
14/135,472	0102C3	2014/0194763	12/19/2013	US	Method and Systems for Treating Heart Instability
14/137,929	1035C1	2014/0114204	12/20/2013	US	Method and System for Detection of Biological Rhythm Disorders
14/231,600	1035D1		03/31/2014	US	System and Method for Reconstructing Cardiac Signals Associated with a Complex Rhythm Disorder

14/257,939	0103DI		04/21/2014	US	System for Analysis of Complex Rhythm Disorders
61/973,626	42123P	--	04/01/2014	US	System and Method of Identifying Sources Associated with Biological Rhythm Disorders
PCT/US12/29935	WO2377	2012/151008	03/21/2012	WIPO	System and Method For Reconstructing Cardiac Activation Information
PCT/US12/36157	WO2378	2012/151301	05/02/2012	WIPO	System and Method For Targeting Rhythm Disorders Using Shape Ablation
PCT/US12/68639	WO3793	2013/085468	12/08/2012	WIPO	System and Method of Identifying Sources for Biological Rhythms
PCT/US12/68640	WO2379	2013/085469	12/08/2012	WIPO	System and Method for Determining Regularity Associated with Biological Rhythm Disorders
PCT/US14/29616	377WO1		03/14/2014	WIPO	System and Method For Reconstructing Cardiac Activation Information
PCT/US14/29645	4212WO		03/14/2014	WIPO	System and Method to Define Drivers of Sources Associated with Biological Rhythm Disorders