## 503915888 07/14/2016 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3962540

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY	DATA			
		Name Execution	Date	
DEBBY ESTHER GRU	INEWALD	02/23/2009		
RECEIVING PARTY D	ΑΤΑ			
Name:		BIOSENSE WEBSTER, INC.		
Street Address:	3333 DI	3333 DIAMOND CANYON ROAD		
City:	DIAMON	DIAMOND BAR		
State/Country:	CALIFO	CALIFORNIA		
Postal Code:	91765	91765		
PROPERTY NUMBERS Total: 1 Property Type		Number		
Application Number:		4820316		
Application Number:	1	14820316		
		14820316		
CORRESPONDENCE	DATA			
CORRESPONDENCE Fax Number: <i>Correspondence will</i>	DATA ( be sent to	626)577-8800 the e-mail address first; if that is unsuccessful, it will be sei ; if that is unsuccessful, it will be sent via US Mail.	nt	
CORRESPONDENCE Fax Number: <i>Correspondence will</i>	DATA ( be sent to f provided;	626)577-8800 the e-mail address first; if that is unsuccessful, it will be set	nt	
CORRESPONDENCE Fax Number: <i>Correspondence will</i> <i>using a fax number, i</i>	DATA ( be sent to f provided;	626)577-8800 the e-mail address first; if that is unsuccessful, it will be set ; if that is unsuccessful, it will be sent via US Mail.	nt	
CORRESPONDENCE Fax Number: <i>Correspondence will using a fax number, i</i> Phone: Email: Correspondent Name	DATA ( be sent to f provided; 6 p :: L	626)577-8800 <i>the e-mail address first; if that is unsuccessful, it will be set</i> <i>; if that is unsuccessful, it will be sent via US Mail.</i> 626-795-9900 oto@Irrc.com _EWIS ROCA ROTHGERBER CHRISTIE LLP	nt	
CORRESPONDENCE Fax Number: <i>Correspondence will using a fax number, i</i> Phone: Email: Correspondent Name Address Line 1:	DATA ( be sent to f provided; 6 p: 2: 5: 5: 5: 6 5: 5: 6 5: 5: 5: 5: 5: 5: 5: 5: 5: 5: 5: 5: 5:	626)577-8800 the e-mail address first; if that is unsuccessful, it will be set ; if that is unsuccessful, it will be sent via US Mail. 526-795-9900 oto@Irrc.com LEWIS ROCA ROTHGERBER CHRISTIE LLP PO BOX 29001	nt	
CORRESPONDENCE Fax Number: <i>Correspondence will using a fax number, i</i> Phone: Email: Correspondent Name	DATA ( be sent to f provided; 6 p: 2: 5: 5: 5: 6 5: 5: 6 5: 5: 5: 5: 5: 5: 5: 5: 5: 5: 5: 5: 5:	626)577-8800 <i>the e-mail address first; if that is unsuccessful, it will be set</i> <i>; if that is unsuccessful, it will be sent via US Mail.</i> 626-795-9900 oto@Irrc.com _EWIS ROCA ROTHGERBER CHRISTIE LLP	nt	
CORRESPONDENCE Fax Number: <i>Correspondence will using a fax number, i</i> Phone: Email: Correspondent Name Address Line 1: Address Line 4:	DATA ( be sent to f provided; f e: L F C	626)577-8800 the e-mail address first; if that is unsuccessful, it will be set ; if that is unsuccessful, it will be sent via US Mail. 526-795-9900 oto@Irrc.com LEWIS ROCA ROTHGERBER CHRISTIE LLP PO BOX 29001	nt	
CORRESPONDENCE Fax Number: <i>Correspondence will using a fax number, i</i> Phone: Email: Correspondent Name Address Line 1: Address Line 4:	DATA ( be sent to f provided; f c: L c: NUMBER:	626)577-8800 <i>the e-mail address first; if that is unsuccessful, it will be sel</i> <i>; if that is unsuccessful, it will be sent via US Mail.</i> 526-795-9900 oto@Irrc.com LEWIS ROCA ROTHGERBER CHRISTIE LLP PO BOX 29001 GLENDALE, CALIFORNIA 91209	nt	
CORRESPONDENCE Fax Number: <i>Correspondence will using a fax number, i</i> Phone: Email: Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKET I	DATA ( be sent to f provided; f c: L c: NUMBER:	626)577-8800 the e-mail address first; if that is unsuccessful, it will be set ; if that is unsuccessful, it will be sent via US Mail. 626-795-9900 oto@Irrc.com LEWIS ROCA ROTHGERBER CHRISTIE LLP PO BOX 29001 GLENDALE, CALIFORNIA 91209 413739-662/078482/LES/SMM	nt	
CORRESPONDENCE Fax Number: <i>Correspondence will using a fax number, i</i> Phone: Email: Correspondent Name Address Line 1:	DATA ( be sent to f provided; f c: L c: NUMBER:	626)577-8800 the e-mail address first; if that is unsuccessful, it will be set ; if that is unsuccessful, it will be sent via US Mail. 526-795-9900 bto@lrrc.com LEWIS ROCA ROTHGERBER CHRISTIE LLP PO BOX 29001 GLENDALE, CALIFORNIA 91209 413739-662/078482/LES/SMM SANDRA M. MEDINA	nt	
CORRESPONDENCE Fax Number: Correspondence will using a fax number, f Phone: Email: Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKET I NAME OF SUBMITTEF SIGNATURE:	DATA ( be sent to f provided; f c: L c: NUMBER:	626)577-8800 the e-mail address first; if that is unsuccessful, it will be set ; if that is unsuccessful, it will be sent via US Mail. 526-795-9900 oto@lrrc.com LEWIS ROCA ROTHGERBER CHRISTIE LLP PO BOX 29001 GLENDALE, CALIFORNIA 91209 413739-662/078482/LES/SMM SANDRA M. MEDINA /SANDRA M. MEDINA/		
CORRESPONDENCE Fax Number: Correspondence will using a fax number, i Phone: Email: Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKET I NAME OF SUBMITTER SIGNATURE: DATE SIGNED:	DATA ( be sent to f provided; e: L e: L F C NUMBER: R: nent#page1.	626)577-8800 the e-mail address first; if that is unsuccessful, it will be set ; if that is unsuccessful, it will be sent via US Mail. 526-795-9900 bto@lrrc.com LEWIS ROCA ROTHGERBER CHRISTIE LLP PO BOX 29001 GLENDALE, CALIFORNIA 91209 413739-662/078482/LES/SMM SANDRA M. MEDINA /SANDRA M. MEDINA/ 07/12/2016 .tif	nt	

## Docket No. 63059/W112

## ASSIGNMENT

WHEREAS, I, GRUNEWALD, DEBBY ESTHER, residing at 123 S. Figueroa St. Apt., 1543, Los Angeles, CA 90012, have invented certain new and useful improvements disclosed in an application for United States Letters Patent entitled CATHETER WITH MULTIPLE ELECTRODE ASSEMBLIES FOR USE AT OR NEAR TUBULAR REGIONS OF THE HEART, filed December 30, 2008, Application No. 12/346,829.

AND WHEREAS BIOSENSE WEBSTER, INC., a California corporation, having a place of business at 3333 Diamond Canyon Road, Diamond Bar, CA 91765 (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE") wants to acquire the entire right, title and interest in and to said improvements and application.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in and to said improvements, and said application and all divisions and continuations thereof, and all United States Letters Patents which may be granted thereon and all reissues, reexaminations and extensions thereof, including the right to sue or otherwise bring action and to collect and receive damages therefrom, for past infringement thereof, and all priority rights under all available International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms in every participating country, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all continuations, divisions, extensions, renewals, substitutes, and reissues thereof) granted for said improvements in any foreign countries; and I hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to ASSIGNEE in accordance with the terms of this Assignment;

AND I HEREBY covenant that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith;

**AND I HEREBY** further covenant and agree that I will communicate to ASSIGNEE any facts known to me respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said improvements in all countries.

Sole

PATENT REEL: 039160 FRAME: 0847

ASSIGNMENT Docket No. 63059/W112

IN TESTIMONY WHEREOF, I hereunto set my hand this 23 day of FEBRUARY 20<u>09</u>.

Grunew Débby Esther

STATE OF CALIFORNIA 100.000D COUNTY OF \_UN

On 🥆 before me, Dunn row Notary Public, personally appeared Grunewald, Debby Esther, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

YOLANDA PULLEN	WITNESS my hand and official seal.		
Commission # 1689200 Notary Public - California Los Angeles County			
My Comm. Explices Aug 24, 2010	Signature of Notary (Seal)		
LES/jmh			

JMH PAS835703.1-\*-02/6/09 5:16 PM