

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>MARK G. FREI</td> <td>04/11/2012</td> </tr> <tr> <td>IVAN OSORIO</td> <td>04/09/2012</td> </tr> </tbody> </table>		Name	Execution Date	MARK G. FREI	04/11/2012	IVAN OSORIO	04/09/2012						
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MARK G. FREI	04/11/2012												
IVAN OSORIO	04/09/2012												
RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>FLINT HILLS SCIENTIFIC, LLC</td> </tr> <tr> <td>Street Address:</td> <td>900 MASSACHUSETTS STREET</td> </tr> <tr> <td>Internal Address:</td> <td>SUITE 500</td> </tr> <tr> <td>City:</td> <td>LAWRENCE</td> </tr> <tr> <td>State/Country:</td> <td>KANSAS</td> </tr> <tr> <td>Postal Code:</td> <td>66044</td> </tr> </table>		Name:	FLINT HILLS SCIENTIFIC, LLC	Street Address:	900 MASSACHUSETTS STREET	Internal Address:	SUITE 500	City:	LAWRENCE	State/Country:	KANSAS	Postal Code:	66044
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Application Number:	13783391												
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CORRESPONDENCE DATA													
Fax Number:	(281)853-2568												
Phone:	2817272503												
Email:	docketing@cyberonics.com												
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>													
Correspondent Name:	CYBERONICS, INC.												
Address Line 1:	100 CYBERONICS BLVD.												
Address Line 4:	HOUSTON, TEXAS 77058												
ATTORNEY DOCKET NUMBER:	1000.188CON & CON2												
NAME OF SUBMITTER:	TIMOTHY L. SCOTT												
Signature:	/Timothy L. Scott/												

OP \$80.00 13783391

Date:

12/11/2013

Total Attachments: 4

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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION to me by **FLINT HILLS SCIENTIFIC, LLC**, the receipt and sufficiency of which are hereby acknowledged, we, **MARK G. FREI and IVAN OSORIO**, Joint Inventors ("ASSIGNORS"), having made an invention in **DYNAMIC CRANIAL NERVE STIMULATION BASED ON BRAIN STATE DETERMINATION FROM CARDIAC DATA**, while in the employ either as an employee or consultant of **FLINT HILLS SCIENTIFIC, LLC**, a corporation organized and existing under the laws of the State of Kansas, doing business at 900 Massachusetts Street, Suite 500, Lawrence, Kansas 66044 (sometimes hereinafter called "ASSIGNEE"), does hereby ASSIGN, SELL and CONVEY to said **FLINT HILLS SCIENTIFIC, LLC** its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in **DYNAMIC CRANIAL NERVE STIMULATION BASED ON BRAIN STATE DETERMINATION FROM CARDIAC DATA**;
2. United States of America patent application on said invention, Serial No. 12/258,019, filed October 24, 2008, Attorney's File No. 1000.188, entitled **DYNAMIC CRANIAL NERVE STIMULATION BASED ON BRAIN STATE DETERMINATION FROM CARDIAC DATA**;
3. International patent application on said invention, Serial No. PCT/US2009/05712, filed October 20, 2009, Attorney's File No. 1000.188PCT, entitled **DYNAMIC CRANIAL NERVE STIMULATION BASED ON BRAIN STATE DETERMINATION FROM CARDIAC DATA**;
4. All applications for patent or like protection on said invention that have now been or may in the future be made by me or my legal representatives, including any continuation, continuation-in-part and any other utility applications that may be based on this invention, whether in the United States of America or any other place anywhere in the world;

5. All patents and like protection that have now been or may in the future be granted on said invention to me or my legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
6. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitation, those obtained or permissible under past, present and future laws and statutes;
7. All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection;
8. The right in ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and
9. All international rights of priority associated with said invention, applications, patents and like protection;

and WE covenant that WE, and our heirs, legal representatives, assigns, administrators, and executors, will, at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

EXECUTED at the place and on the date indicated below, opposite my signature.

Date:

April 11, 2012

ASSIGNOR

Mark G. Frei

MARK G. FREI

THE STATE OF

Florida

§

COUNTY OF

Seminole

§

§

BEFORE ME, the undersigned authority, on this day personally appeared MARK G. FREI, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 11th day of

April

, 2012.

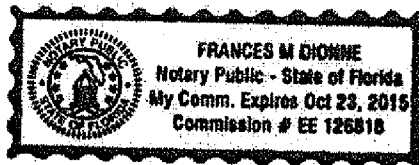
[SEAL]

My Commission Expires:

10/23/2015

Frances M. Dionne

Notary Public in and for
the State of Florida



ASSIGNOR

Date:

04/09/2012

I O S O R I O

IVAN OSORIO

THE STATE OF Kansas §COUNTY OF Wyandotte §

BEFORE ME, the undersigned authority, on this day personally appeared IVAN OSORIO, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 9th day of April, 2012.

[SEAL]



Cheryl L. Barnes
Notary Public in and for
the State of Kansas

My Commission Expires:

August 28, 2015