504929943 05/24/2018

EPAS ID: PAT4976689

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
IMAD LIBBUS	11/09/2012
BADRI AMURTHUR	11/09/2012
BRUCE H. KENKNIGHT	11/09/2012

RECEIVING PARTY DATA

Name:	CYBERONICS, INC.	
Street Address:	100 CYBERONICS BOULEVARD	
City:	HOUSTON	
State/Country:	TEXAS	
Postal Code:	77058	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15410316

CORRESPONDENCE DATA

Fax Number: (202)672-5399

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: 202-672-5300

Email: IPDocketing@Foley.com, KWashnesky@Foley.com

FOLEY & LARDNER LLP Correspondent Name: Address Line 1: 3000 K STREET, N.W.

Address Line 2: SUITE 600

Address Line 4: WASHINGTON, D.C. 20007-5109

ATTORNEY DOCKET NUMBER:	104292-1801
NAME OF SUBMITTER:	KIMBERLY E. WASHNESKY
SIGNATURE:	/Kimberly E. Washnesky/
DATE SIGNED:	05/24/2018

Total Attachments: 4

source=104292_1801_Assignment#page1.tif source=104292_1801_Assignment#page2.tif source=104292 1801 Assignment#page3.tif

> **PATENT** REEL: 045894 FRAME: 0961 504929943

source=104292_1801_Assignment#page4.tif

PATENT REEL: 045894 FRAME: 0962

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION to me by Cyberonics, Inc., the receipt and sufficiency of which are hereby acknowledged, We, Imad LIBBUS, Badri AMURTHUR, and Bruce H. KENKNIGHT, ("ASSIGNORS"), having made an invention in IMPLANTABLE NEUROSTIMULATOR-IMPLEMENTED METHOD FOR ENHANCING HEART FAILURE PATIENT AWAKENING THROUGH VAGUS NERVE STIMULATION, while in the employ either as an employee or consultant of Cyberonics, Inc., a corporation organized and existing under the laws of the State of Delaware, doing business at 100 Cyberonics Boulevard, Houston, Texas U.S.A. 77058 (sometimes hereinafter called "ASSIGNEE"), does hereby ASSIGN, SELL and CONVEY to said Cyberonics, Inc. its successors and assigns, the entire right, title and interest throughout the world in and to:

- 1. Said invention in IMPLANTABLE NEUROSTIMULATOR-IMPLEMENTED METHOD FOR ENHANCING HEART FAILURE PATIENT AWAKENING THROUGH VAGUS NERVE STIMULATION;
- 2. United States of America patent application on said invention Application No. 13/673,811 filed NOVEMBER 9, 2012, Attorney's File No. 1000.336; (attorney is authorized to fill in the application number and filing date after assignment by the U.S. Patent and Trademark Office), entitled IMPLANTABLE NEUROSTIMULATOR-IMPLEMENTED METHOD FOR ENHANCING HEART FAILURE PATIENT AWAKENING THROUGH VAGUS NERVE STIMULATION:
- 3. 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;
- 4. 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;
- 5. All substitutions for and divisions, continuations, continuations-inpart, 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;

1000.336 Page 1 of 4

PATENT REEL: 045894 FRAME: 0963 6. 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;

- 7. 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
- 8. All international rights of priority associated with said invention, applications, patents and like protection;

ASSIGNOR

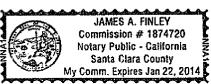
and we covenant that we, and our heirs, legal representatives, assigns, administrators, and executors, will, at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit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

EXECUTED on the date indicated below, opposite my signature.

Date: 11/9/2012 Ima	d LIBBUS
THE STATE OF §	
COUNTY OF §	
BEFORE ME, the undersigned authority, on this known to me to be the person whose name is substacknowledged to me that he executed the same for expressed.	cribed to the foregoing instrument, and
GIVEN UNDER MY HAND AND SEAL OF C	OFFICE, this the quid day of
[SEAL] MY COMMISSION EXPIDES OF A NOT	ary Public in and for State of AN
My Commission Expires:	***************************************
<u>**************</u>	非水水冰水水水

EXECUTED on the date indicated below, opposite my signature.

· m	ASSIGNOR
Date: NoV 9, 2012	Row Lucia
	Badri AMURTHUR
CALIFORNIA	
THE STATE OF §	
COUNTY OF SAN TACELARA	
BEFORE ME, the undersigned authority AMURTHUR, known to me to be the person instrument, and acknowledged to me that he execut therein expressed.	y, on this day personally appeared Badri whose name is subscribed to the foregoing ed the same for the purposes and consideration
GIVEN UNDER MY HAND AND SEAL NOVE 15 12.	OF OFFICE, this the 9th day of
[SEAL]	Notary Public in and for
	the State of CACIFORNIA
My Commission Expires:	
1.22.2014	******



EXECUTED on the date indicated below, opposite my signature.

Date: Nov 9, 2012	ASSIGNOR Bruce H. KENKNIGHT
THE STATE OF § COUNTY OF §	
KENKNIGHT, known to me to be the per	rity, on this day personally appeared Bruce H. son whose name is subscribed to the foregoing ecuted the same for the purposes and consideration
GIVEN UNDER MY HAND AND SE November 2012.	AL OF OFFICE, this the 0 9 day of
LITATIANA KOTLOVSKAYA NOTARY PUBLIC - MINNESOTA NOTARY PUBLIC - MINNES	Notary Public in and for the State of MN

Page 4 of 4

RECORDED: 05/24/2018