

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
<b>Name</b>		<b>Execution Date</b>
CEREPHEX CORPORATION		03/28/2017
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	JEFFREY B HARGROVE	
<b>Street Address:</b>	3001 E. MILLER ROAD	
<b>City:</b>	BANCROFT	
<b>State/Country:</b>	MICHIGAN	
<b>Postal Code:</b>	48414	
<b>PROPERTY NUMBERS Total: 13</b>		
<b>Property Type</b>	<b>Number</b>	
Patent Number:	7715910	
Patent Number:	8494625	
Patent Number:	8849681	
Patent Number:	8280502	
Application Number:	12809109	
Application Number:	12865286	
Application Number:	13212642	
Application Number:	13942246	
Application Number:	13947829	
Application Number:	14400233	
Application Number:	14417142	
Application Number:	15082798	
Application Number:	15110992	
<b>CORRESPONDENCE DATA</b>		
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<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>		
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<b>Address Line 1:</b>	755 WEST BIG BEAVER ROAD, SUITE 1850	

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<b>Address Line 4:</b> TROY, MICHIGAN 48084	
<b>ATTORNEY DOCKET NUMBER:</b>	8576.3000.000
<b>NAME OF SUBMITTER:</b>	ERIC T. JONES
<b>SIGNATURE:</b>	/Eric T. Jones/
<b>DATE SIGNED:</b>	03/30/2017
<b>Total Attachments: 3</b> source=8576 - Signed - Patents Assignment from Cerephex to Hargrove#page1.tif source=8576 - Signed - Patents Assignment from Cerephex to Hargrove#page2.tif source=8576 - Signed - Patents Assignment from Cerephex to Hargrove#page3.tif	

## ASSIGNMENT

WHEREAS, Cerephex Corporation, having a place of business at 339 So. San Antonio Road, Suite 2E, Los Altos, CA 94022, is the owner of inventions disclosed and claimed in the patents and patent applications listed in Exhibit A (the Inventions); and

WHEREAS, Jeffrey B. Hargrove, an individual, residing at 3001 E. Miller Road, Bancroft, MI 48414, is desirous of acquiring the entire right, title and interest in and to the Inventions;

NOW, THEREFORE, in consideration of one dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, Cerephex Corporation, by these presents, does hereby sell, assign and transfer unto Jeffrey B. Hargrove and his assigns, for the territory of the United States of America and all foreign countries, the entire right, title and interest, including all priority rights under the International Convention associated with each country of the European Union, in and to the inventions disclosed and claimed in the patents and patent applications listed in Exhibit A, and in and to any further applications that may be filed and any Letters Patent that may be granted in pursuance of the applications, including any divisional, continuation, or continuation-in-part applications, and in and to any reissue and reexamination of any such patents and in and to any further patent applications that may be filed on the invention in countries foreign to the United States and any Letters Patent granted on those applications.

Jeffrey B. Hargrove is hereby granted the right to apply for further domestic and/or foreign patents on the inventions listed in Exhibit A in his own name or through his designees, including subsidiaries, related companies or assignees, under International Conventions or otherwise, and is authorized to execute all papers, including those required for the United States and foreign applications, and to perform such other proper acts as may be deemed necessary to secure to himself or his designees the rights herein assigned.

**EXHIBIT A**

<b><u>Pat. App.No./Pat. No.</u></b>	<b><u>Title</u></b>	<b><u>Filing Date</u></b>	<b><u>Issue Date</u></b>
7,715,910	METHOD AND APPARATUS FOR UTILIZING AMPLITUDE-MODULATED PULSE-WIDTH MODULATION SIGNALS FOR NEUROSTIMULATION AND TREATMENT OF NEUROLOGICAL DISORDERS USING ELECTRICAL STIMULATION	07/21/2006	05/11/2010
8,494,625	METHODS AND APPARATUS FOR ELECTRICAL STIMULATION OF TISSUES USING SIGNALS THAT MINIMIZE THE EFFECTS OF TISSUE IMPEDANCE	08/06/2008	07/23/2013
8,849,681	APPARATUS AND METHOD FOR REMOTE ASSESSMENT AND THERAPY MANAGEMENT IN MEDICAL DEVICES VIA INTERFACE SYSTEMS	02/06/2010	09/30/2014
8,280,502	METHOD AND APPARATUS FOR UTILIZING AMPLITUDE-MODULATED PULSE-WIDTH MODULATION SIGNALS FOR NEUROSTIMULATION AND TREATMENT OF NEUROLOGICAL DISORDERS USING ELECTRICAL STIMULATION	04/22/2010	10/02/2012
12/809,109	BRAIN-RELATED CHRONIC PAIN DISORDER DIAGNOSIS AND ASSESSMENT METHOD	06/18/2010	TBD
12/865,286	BRAIN-RELATED CHRONIC PAIN DISORDER TREATMENT METHOD AND APPARATUS	07/29/2010	TBD
13/212,642	BRAIN STIMULATION METHODS FOR TREATING CENTRAL SENSITIVITY	08/18/2011	TBD
13/942,246	BRAIN-RELATED CHRONIC PAIN DISORDER TREATMENT METHOD AND APPARATUS	07/15/2013	TBD
13/947,829	METHODS AND APPARATUS FOR ELECTRIC STIMULATION OF TISSUES USING SIGNALS THAT MINIMIZE THE EFFECTS OF TISSUE IMPEDANCE	07/22/2013	TBD
14/400,233	METHOD AND APPARATUS FOR TREATING CENTRALIZED PAIN	11/10/2014	TBD
14/417,142	METHOD AND APPARATUS FOR DIAGNOSING AND ASSESSING CENTRALIZED PAIN	01/24/2015	TBD
15/082,798	METHODS AND APPARATUS FOR ELECTRONIC STIMULATION OF TISSUES USING SIGNALS THAT MINIMIZE THE EFFECTS OF TISSUE IMPEDANCE	03/28/2016	TBD
15/110,992	METHODS AND APPARATUS FOR ELECTRICAL STIMULATION	07/12/2016	TBD

Bill Mavity  
Bill Mavity, CEO of Cerephex Corporation

State of California

County of Santa Clara

On this 29<sup>th</sup> day of March, 2017 before me a Notary Public in and for the County, personally appeared Bill Mavity, to me known to be the person who executed the above instrument and acknowledged the same to be his free act and deed.

[Signature]

Notary Public

[NOTARY SEAL]

State of California - County of Santh Clara

My comm. expires: May 13, 2020

