503025836 10/20/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LAURENT B. GIOVANGRANDI	07/21/2014
GREGORY T. KOVACS	07/29/2014
ROBERT BRUCE DARLING	07/21/2014

RECEIVING PARTY DATA

Name:	PHYSIOWAVE, INC.
Street Address:	1600 WYATT DRIVE
Internal Address:	SUITE 15
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95054

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14338261

CORRESPONDENCE DATA

Fax Number: (651)686-7111

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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Email: waltigney@ip-firm.com **Correspondent Name:** CRAWFORD MAUNU PLLC 1150 NORTHLAND DRIVE Address Line 1:

Address Line 2: **STE 100**

Address Line 4: SAINT PAUL, MINNESOTA 55120

ATTORNEY DOCKET NUMBER:	PHYW.005DIV1	
NAME OF SUBMITTER:	ROBERT J. CRAWFORD	
SIGNATURE:	/Robert J. Crawford/	
DATE SIGNED:	10/20/2014	

Total Attachments: 2

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> **PATENT** REEL: 033984 FRAME: 0118 503025836

Serial No.: 14/332,140 Docket No.: PHYW.005PA

ASSIGNMENT

WHEREAS, We, Laurent B. Giovangrandi, residing at 750 S California Ave., Palo Alto, California 94306; Gregory T. Kovacs, residing at 4174 King Arthur Court, Palo Alto, California 94306; and Robert Bruce Darling, residing at 5050 NE 197th Street, Lake Forest Park, WA 98155; made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States, U.S. Patent Application Serial No. 14/332,140 filed on July 15, 2014, and entitled: IMPEDANCE MEASUREMENT DEVICES, SYSTEMS, AND METHODS (Attorney Docket No. PHYW.005PA), and which claims benefit of U.S. Provisional Patent Application Serial No. 62/011,466 filed on June 12, 2014.

AND WHEREAS, Physiowave, Inc., a corporation having an office and place of business at 1600 Wyatt Drive, Suite 15, Santa Clara, California 95054 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, conversions or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said

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improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand on this date:

$$\frac{21}{\text{(day)}}$$
 - $\frac{3014}{\text{(month)}}$ - $\frac{2014}{\text{(year)}}$

Laurent B. Gjóvangrandi

IN TESTIMONY WHEREOF, I have hereunto set my hand on this date:

29 - July - 2014 (year)

Gregory T. Kov

IN TESTIMONY WHEREOF, I have hereunto set my hand on this date:

21 - July - 2014 (year

Robert Bruce Darling.