

PATENT ASSIGNMENT

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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>Cherie Kagan</td> <td>02/13/2012</td> </tr> <tr> <td>Jon Viventi</td> <td>02/13/2012</td> </tr> <tr> <td>Brian Litt</td> <td>02/13/2012</td> </tr> </tbody> </table>		Name	Execution Date	Cherie Kagan	02/13/2012	Jon Viventi	02/13/2012	Brian Litt	02/13/2012		
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<table border="1"> <tr> <td>Name:</td> <td>The Trustees Of The University of Pennsylvania</td> </tr> <tr> <td>Street Address:</td> <td>3160 Chestnut Street, Suite 200</td> </tr> <tr> <td>City:</td> <td>Philadelphia</td> </tr> <tr> <td>State/Country:</td> <td>PENNSYLVANIA</td> </tr> <tr> <td>Postal Code:</td> <td>19104</td> </tr> </table>		Name:	The Trustees Of The University of Pennsylvania	Street Address:	3160 Chestnut Street, Suite 200	City:	Philadelphia	State/Country:	PENNSYLVANIA	Postal Code:	19104
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: (610)407-0701</p> <p>Phone: 6104070700</p> <p>Email: pcboccella@ratnerprestia.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Stephen D. Harper</p> <p>Address Line 1: P.O. Box 980</p> <p>Address Line 4: Valley Forge, PENNSYLVANIA 19482</p>											
ATTORNEY DOCKET NUMBER:	UOP-435US										
NAME OF SUBMITTER:	Stephen D. Harper										
<p>Total Attachments: 4</p> <p>source=assignment#page1.tif</p> <p>source=assignment#page2.tif</p> <p>source=assignment#page3.tif</p> <p>source=assignment#page4.tif</p>											

OP \$40.00 13321339

DOCKET NO.: UOP-435US

PATENT
Multiple Inventors
(Non-Provisional Application;
Application No. 13/321,339)

ASSIGNMENT

WHEREAS, We Cherie Kagan, residing at 22 Derwen Road; Bala Cynwyd, PA 19004, Brian Litt residing at 325 Cynwyd Road, Bala Cynwyd, PA 19004; and Jon Viventi residing at 2411 York Street, Philadelphia, PA 19125 hereinafter referred to as the "assignors" are the inventor of certain inventions or improvements for which we have filed a non-provisional application in the United States Patent and Trademark Office, identified as Application No. 13/321,339, filed November 18, 2011, entitled **SELF-ADAPTIVE BIO-SIGNAL SENSING AND MODULATION DEVICE**; and

WHEREAS, The Trustees Of The University Of Pennsylvania hereinafter referred to as the assignee, of 3160 Chestnut Street, Suite 200, Philadelphia, Pennsylvania 19104, a university of higher education in Pennsylvania, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said provisional application, and to any patent application(s) corresponding thereto, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in exchange for valuable consideration from the receipt of which is hereby acknowledged and intending to be bound, we, the said assignors, have sold, assigned, transferred and set over, effective as of the earliest date listed below, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said provisional application and any and all corresponding patent application(s) and continuations, divisions and renewals of and substitutes for said corresponding patent application(s), and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in our names corresponding patent applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said provisional application, said corresponding patent application(s) and said Letters Patent to said assignee, its successors,

assigns, nominees or legal representatives, and we agree to communicate to said assignee, or to its nominee all known facts respecting said inventions or improvements, said provisional application, said corresponding patent application(s) and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

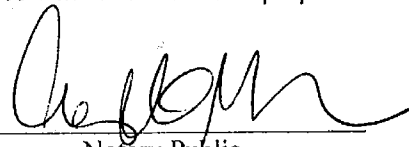
AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on any applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of any corresponding patent application(s) aforesaid, in accordance with the terms of this assignment.

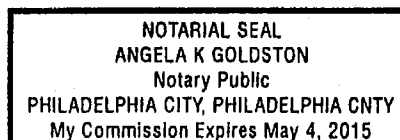
This Assignment may be executed in counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument. IN WITNESS WHEREOF, we have hereunto set our hand and seal.

2/13/12 _____ (L.S.)
Date Cherie Kagan

STATE OF Pennsylvania :
COUNTY OF Philadelphia :SS

On this 13th day of February, year 2012, before me personally came the above named Cherie Kagan to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.


Notary Public



DOCKET NO.: UOP-435US

PATENT
Multiple Inventors

2/13/12

Date

Jon Viventi

(L.S.)

STATE OF Pennsylvania :
:SS

COUNTY OF Philadelphia :

On this 13 day of February, year 2012, before me personally came the above named JONATHAN VIVENTI to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Kathleen Shallow
Notary Public

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Kathleen Shallow, Notary Public
City of Philadelphia, Philadelphia County
My commission expires November 29, 2012

PATENT

REEL: 027708 FRAME: 0388

DOCKET NO.: UOP-435US

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PATENT
Multiple Inventors

2/13/2012 Brian Litt (L.S.)
Date

STATE OF Pennsylvania:SS
COUNTY OF Philadelphia:

On this 13 day of February, year 2012, before me personally came the above named BRIAN W. LITT to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Kathleen Shallow
Notary Public

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Kathleen Shallow, Notary Public
City of Philadelphia, Philadelphia County
My commission expires November 29, 2012

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