

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5886831

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
KEVIN M. SHORT	05/15/2015
BRIAN T. HONE	09/09/2015
PASCAL BRUNET	05/16/2015

**RECEIVING PARTY DATA**

<b>Name:</b>	KAONYX LABS, LLC
<b>Street Address:</b>	12 KENT WAY, SUITE 210
<b>City:</b>	BYFIELD
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01922

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16656058

**CORRESPONDENCE DATA**

Fax Number: (617)507-6127

*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: (203) 535-3879

Email: dpeterson@gtclawgroup.com, gtclaw@blackhillsip.com

Correspondent Name: GTC LAW GROUP PC &amp; AFFILIATES

Address Line 1: ONE UNIVERSITY AVE., STE. 302B

Address Line 4: WESTWOOD, MASSACHUSETTS 02090

<b>ATTORNEY DOCKET NUMBER:</b>	SETM-0007-U01-V01 ASSN #1
<b>NAME OF SUBMITTER:</b>	DEBBIE PETERSON
<b>SIGNATURE:</b>	/Debbie Peterson/
<b>DATE SIGNED:</b>	12/27/2019

**Total Attachments: 5**

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**ASSIGNMENT**

WHEREAS, as a below named inventor, I have invented certain new and useful improvements in

**METHODS AND SYSTEMS FOR IMPROVED MEASUREMENT, ENTITY AND  
PARAMETER ESTIMATION, AND PATH PROPAGATION EFFECT  
MEASUREMENT AND MITIGATION IN SOURCE SIGNAL SEPARATION**

for which a United States Patent application was filed on April 8, 2015, and bears Application Number 14/681,922;

**METHODS AND SYSTEMS FOR IMPROVED MEASUREMENT, ENTITY AND  
PARAMETER ESTIMATION, AND PATH PROPAGATION EFFECT  
MEASUREMENT AND MITIGATION IN SOURCE SIGNAL SEPARATION**

for which an international application was filed on April 8, 2015, and bears Application Number PCT/US2015/024988;

(hereinafter "Application(s)")

AND, WHEREAS, Kaonyx Labs, LLC, a corporation of the State of New Hampshire, having a place of business at 12 Kent Way, Suite 210, Byfield, MA 01922, hereinafter called the "Assignee", is desirous of acquiring the entire right, title, and interest in and to said Application(s) and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to me by said Assignee, the receipt and sufficiency of which are hereby acknowledged, I as a named inventor, hereinafter the Assignor, do hereby assign, sell and transfer unto said Assignee the full and exclusive right, title and interest in and to said Application(s) and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries, and all conversions, divisions, reissues, continuations, continuations-in-part, renewals and/or extensions thereof. Such assignment also includes the right to claim priority to the Application(s) under any law, rule, treaty, or convention. Such assignment extends to the full ends of the terms of the Application(s) and such Letters Patent as fully and entirely as the same would have been held and enjoyed by me had this Assignment not been made. Said full and exclusive right, title, and interest referred to above includes all rights to all past, present and future claims for infringement of any patent resulting from said Application(s) including the right to grant licenses, to bring lawsuits, and to recover damages for any past, present, and future infringement, whether known or unknown, now existing or hereafter arising.

I, as a named inventor, covenant that I am a lawful owner of said Application(s), inventions and improvements, that the same are unencumbered, that no license has been granted to make, use or vend the said inventions or improvements thereof, and that I have the full right to

make this Assignment.

And for the consideration aforesaid, I agree individually and, if applicable, jointly, that I will communicate to said Assignee or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all conversion, divisional, reissue, continuation, continuation-in-part, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said Assignee or by counsel for said Assignee to assist or enable said Assignee to obtain and enforce full benefits from the rights and interests herein assigned. This Assignment shall be binding upon my heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns, as the case may be, of said Assignee.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

1. FULL NAME OF ASSIGNOR:  
**Kevin M. Short**

RESIDENCE:  
**Durham, NH**

EXECUTED this 15<sup>th</sup> day May, 2015

  
SIGNATURE

2. FULL NAME OF ASSIGNOR:  
**Brian T. Hone**

RESIDENCE:  
**Ipswich, MA**

EXECUTED this \_\_\_ day \_\_\_, 20\_\_\_

\_\_\_\_\_  
SIGNATURE

3. FULL NAME OF ASSIGNOR:  
**Scott Stackley**

RESIDENCE:  
**Boston, MA**

EXECUTED this \_\_\_ day \_\_\_, 20\_\_\_

\_\_\_\_\_  
SIGNATURE

4. FULL NAME OF ASSIGNOR:  
**Pascal Brunet**

RESIDENCE:  
**Cambridge, MA**

EXECUTED this \_\_\_ day \_\_\_, 20\_\_\_

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**Brian T. Hone**

RESIDENCE:  
**Ipswich, MA**

EXECUTED this 9<sup>th</sup> day Sept., 2015

  
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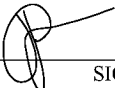
2. FULL NAME OF ASSIGNOR: **Brian T. Hone** RESIDENCE: **Ipswich, MA**

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EXECUTED this \_\_\_ day \_\_\_\_\_, 20\_\_\_ \_\_\_\_\_  
SIGNATURE

4. FULL NAME OF ASSIGNOR: **Pascal Brunet** RESIDENCE: **Cambridge, MA**

EXECUTED this 16 day May, 2015 \_\_\_\_\_  
 SIGNATURE