504182072 01/18/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID W. BLODGETT	01/17/2017
MARK A. CHEVILLET	11/10/2016
SCOTT M. HENDRICKSON	12/09/2016
MICHAEL P. MCLOUGHLIN	11/03/2016

RECEIVING PARTY DATA

Name:	JOHNS HOPKINS UNIVERSITY
Street Address:	34TH AND CHARLES STREET
City:	BALTIMORE
State/Country:	MARYLAND
Postal Code:	21218

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15348604

CORRESPONDENCE DATA

Fax Number: (240)228-5424

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: 240-228-5632

Email: eileen.sorensen@jhuapl.edu

Correspondent Name: SUNG T. KIM

Address Line 1: 11100 JOHNS HOPKINS ROAD

Address Line 2: M/S 7-151

Address Line 4: LAUREL, MARYLAND 20723-6099

ATTORNEY DOCKET NUMBER:	4224-SPL
NAME OF SUBMITTER:	SUNG T. KIM
SIGNATURE:	/Sung T. Kim/
DATE SIGNED:	01/18/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).
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Total Attachments: 4

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Title of Invention	Coherent Optical Imaging for Detecting Neural Signatures and Medical Imaging Applications Using Common-Path Coherent Optical Techniques
As the below nam	ed inventor, I hereby declare that:
This declaration is directed to:	The attached application, or United States application or PCT international application number 15/348,604 filed on November 10, 2016
The above-identif	ed application was made or authorized to be made by me.
I believe that I am	the original inventor or an original joint inventor of a claimed invention in the application.
I hereby acknowle by fine or imprisor	dge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 nment of not more than five (5) years, or both.
Maryland and hav ASSIGNEE, desin	iohns Hopkins University, a corporation organized and existing under the laws of the State of ing its principal place of business at Baltimore, Maryland, hereinafter referred to as the as to acquire the entire right, title and interest in and to said invention and to any Letters Patent ated therefore in the United States and its territories and in any and all foreign countries.
to the ASSIGNEE and in all foreign c granted for said in	RE, in consideration of my employment by the ASSIGNEE, I do hereby sell, assign and transfer the entire right, title and interest in and to said invention in the United States and its territories countries and the entire right, title and interest in and to any and all Letters Patent which may be vention in the United States and its territories and in any and all foreign countries and in and to ms, reissues, continuations, substitutions and renewals thereof.
foreign countries to entire right, title ar	and request the Patent Office Officials in the United States and its territories and any and all of issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my id interest in and to the same, for the sole use and behoof of said ASSIGNEE, its successors and end of the term for which said Letters Patent may be granted.
I hereby further agree to make, execute and deliver to the ASSIGNEE, its successors, assigns and legal representatives, upon request but at the expense of the ASSIGNEE, any and all papers, documents, affidavits, statements or other instruments that may be necessary in the prosecution of the aforesaid application, and of any United States or foreign applications, and of any divisions, reissues, continuations, substitutions and renewals of said application, or applications for reissues of said Letters Patents, and to aid the ASSIGNEE, its successors, assigns and legal representatives in every way in protecting said invention as may be requested, provided, however that I shall not have to pay any expenses arising from extending such assistance.	
LEGAL NAME O	FINVENTOR
Inventor: David	W. Blodgett
Signature:	Date: 1/13/13
	JHU/APL Docket No.: 4224-SPL

RECTOR	ent Optical Imaging for Detecting Neural Signatures and Medical Imaging ations using Common-Path Coherent Optical Techniques	
As the below named inver	ntor, I hereby declare that:	
	ed States application or PCT international application number 15/348,604 on November 10, 2016.	
The above-identified appli	ication was made or authorized to be made by me.	
I believe that I am the orig	final inventor or an original joint inventor of a claimed invention in the application.	
	any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 f not more than five (5) years, or both.	
Maryland and having its p ASSIGNEE, desires to acc	opkins University, a corporation organized and existing under the laws of the State of rincipal place of business at Baltimore, Maryland, hereinafter referred to as the quire the entire right, title and interest in and to said invention and to any Letters Patent refore in the United States and its territories and in any and all foreign countries.	
NOW, THEREFORE, in consideration of the ASSIGNEE attempting to patent and license the invention and incurring costs associated therewith, I do hereby sell, assign and transfer to the ASSIGNEE the entire right, title and interest in and to said invention in the United States and its territories and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted for said invention in the United States and its territories and in any and all foreign countries and in any and all divisions, reissues, continuations, substitutions and renewals thereof.		
foreign countries to issue a entire right, title and interes	uest the Patent Office Officials in the United States and its territories and any and all any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my est in and to the same, for the sole use and behoof of said ASSIGNEE, its successors and the term for which said Letters Patent may be granted.	
I hereby further agree to make, execute and deliver to the ASSIGNEE, its successors, assigns and legal representatives, upon request but at the expense of the ASSIGNEE, any and all papers, documents, affidavits, statements or other instruments that may be necessary in the prosecution of the aforesaid application, and of any United States or foreign applications, and of any divisions, reissues, continuations, substitutions and renewals of said application, or applications for reissues of said Letters Patents, and to aid the ASSIGNEE, its successors, assigns and legal representatives in every way in protecting said invention as may be requested, provided, however that I shall not have to pay any expenses arising from extending such assistance.		
LEGAL NAME OF INVE	NTOR	
Inventor: Mark A. Ches	villet	
Signature;	Date: _//_/_ts/20/6	-

JHU/APL Docket No.: 4224-SPL

Title of Invention	Coherent Optical Imaging for Detecting Neural Signatures and Medical Imaging Applications Using Common-Path Coherent Optical Techniques
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I believe that I am	the original inventor or an original joint inventor of a claimed invention in the application.
	dge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 nment of not more than five (5) years, or both.
Maryland and havi ASSIGNEE, desired	ohns Hopkins University, a corporation organized and existing under the laws of the State of ng its principal place of business at Baltimore, Maryland, hereinafter referred to as the est to acquire the entire right, title and interest in and to said invention and to any Letters Patent ted therefore in the United States and its territories and in any and all foreign countries.
to the ASSIGNEE and in all foreign c granted for said in	RE, in consideration of my employment by the ASSIGNEE, I do hereby sell, assign and transfer the entire right, title and interest in and to said invention in the United States and its territories ountries and the entire right, title and interest in and to any and all Letters Patent which may be vention in the United States and its territories and in any and all foreign countries and in and to as, reissues, continuations, substitutions and renewals thereof.
foreign countries to entire right, title an	and request the Patent Office Officials in the United States and its territories and any and all o issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my d interest in and to the same, for the sole use and behoof of said ASSIGNEE, its successors and end of the term for which said Letters Patent may be granted.
hereby further agree to make, execute and deliver to the ASSIGNEE, its successors, assigns and legal representatives, upon request but at the expense of the ASSIGNEE, any and all papers, documents, affidavits, statements or other instruments that may be necessary in the prosecution of the aforesaid application, and of any United States or foreign applications, and of any divisions, reissues, continuations, substitutions and renewals of said application, or applications for reissues of said Letters Patents, and to aid the ASSIGNEE, its successors, assigns and legal representatives in every way in protecting said invention as may be requested, provided, however that I shall not have to pay any expenses arising from extending such assistance.	
LEGAL NAME OF INVENTOR	
Inventor: Scott N	1. Hendrickson
Signature (Date: 12/9/16
	JHU/APL Docket No.: 4224-SPL

Title of Invention	Coherent Optical Imaging for Detecting Neural Signatures and Medical Imaging Applications Using Common-Path Coherent Optical Techniques
As the below nam	ed inventor, I hereby declare that:
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Maryland and ha	Johns Hopkins University, a corporation organized and existing under the laws of the State of ving its principal place of business at Baltimore, Maryland, hereinafter referred to as the res to acquire the entire right, title and interest in and to said invention and to any Letters Patent rated therefore in the United States and its territories and in any and all foreign countries.
to the ASSIGNED and in all foreign granted for said i	ORE, in consideration of my employment by the ASSIGNEE, I do hereby sell, assign and transfer E the entire right, title and interest in and to said invention in the United States and its territories countries and the entire right, title and interest in and to any and all Letters Patent which may be nvention in the United States and its territories and in any and all foreign countries and in and to ons, reissues, continuations, substitutions and renewals thereof.
foreign countries entire right, title	e and request the Patent Office Officials in the United States and its territories and any and all to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its successors and ll end of the term for which said Letters Patent may be granted.
I hereby further agree to make, execute and deliver to the ASSIGNEE, its successors, assigns and legal representatives, upon request but at the expense of the ASSIGNEE, any and all papers, documents, affidavits, statements or other instruments that may be necessary in the prosecution of the aforesaid application, and of any United States or foreign applications, and of any divisions, reissues, continuations, substitutions and renewals of said application, or applications for reissues of said Letters Patents, and to aid the ASSIGNEE, its successors, assigns and legal representatives in every way in protecting said invention as may be requested, provided, however that I shall not have to pay any expenses arising from extending such assistance.	
LEGAL NAME	OF INVENTOR
Inventor: Mich	nael P. McLoughlin
Signature:	MOM Date:
L	JHU/APL Docket No.: 4224-SPL

RECORDED: 01/18/2017