

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4864820

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SUBRATA SANYAL	02/09/2018
KIN CHIU NG	02/09/2018
RECEIVING PARTY DATA	
Name:	UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF THE NAVY
Street Address:	875 N. RANDOLPH ST
Internal Address:	OFFICE OF NAVAL RESEARCH, ROOM 522. ATTN: CODE OOCIP
City:	ARLINGTON
State/Country:	VIRGINIA
Postal Code:	22203-1995
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15801296
CORRESPONDENCE DATA	
Fax Number:	(812)854-4100
<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>	
Phone:	812-854-4100
Email:	hannah.addisu@navy.mil
Correspondent Name:	UNITED STATES NAVY, NSWC CRANE DIVISION
Address Line 1:	300 HWY 361
Address Line 2:	OFFICE OF COUNSEL, BLDG 2, OOL
Address Line 4:	CRANE, INDIANA 47522
ATTORNEY DOCKET NUMBER:	200385
NAME OF SUBMITTER:	HANNAH ADDISU
SIGNATURE:	/HANNAH ADDISU/
DATE SIGNED:	03/14/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 2	
source=200385_assgn_Signed#page1.tif	

ASSIGNMENT OF INVENTION

Navy Case: 200,385

WHEREAS I, Subrata Sanyal, of 6512 Cadenza Dr., Eastvale, CA 92880-4532, while engaged as an employee of the Government of the United States of America, hereinafter referred to as the Government, have employed employees, contractors or subcontractors who have invented or contributed to an invention of certain new and useful improvements in a "METHODS AND SYSTEMS FOR INCORPORATING BIO-SENSORS IN DRONES TO WIRELESSLY DETECT BIOLOGICAL MOLECULES AND HAZARDS," described in application for Letters Patent of the United States of America executed by the various inventors on the dates referenced below, and

Patent Application 15/801,296 filed on November 01, 2017

WHEREAS, the conditions under which the invention was made are such as to entitle the Government to the entire right, title and interest therein, including foreign rights; and

WHEREAS, the Government is desirous of obtaining the entire right, title and interest in and to said application within the United States of America, its territories and possessions and other rights and benefits herein granted; and

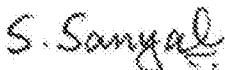
WHEREAS, as to foreign rights, the Government desires an option to obtain such rights;

NOW, THEREFORE, in consideration of the premises and other good and valuable consideration, the receipt of which is hereby acknowledged, we hereby assign and transfer to the **United States of America as represented by the Secretary of the Navy** the entire right, title, and interest in and to said invention within the United States of America, its territories and possessions, and the entire right, title and interest in and to said application and any continuation, division or substitution thereof, and such Letters Patent as may issue therefrom and any reissue or extensions thereof, said invention, application and Letters Patent to be held by the United States of America United States of America as represented by the Secretary of the Navy to the end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by us had this assignment not been made.

We do hereby also grant unto the Government, the option to take the entire right, title and interest in and to the invention and all patent applications, patents and other forms of protection thereon in countries foreign to the United States of America within eight months of the filing date of any application for United States Letters Patent covering the invention; such option to be exercised by a written notification to us within such eight months after filing of the invention in the United States identifying the specific foreign countries in which the Government will file or cause to be filed an application for patent or other form of protection on the invention, and that the rights in the foreign countries not exercised under the option are left in us subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent or other form of protection which may issue on the invention in any foreign country, including the power to issue sub-licenses for use in behalf of the Government and/or in furtherance of the foreign policies of the Government.

We hereby further agree to make, execute, and deliver to the Government any and all papers, documents, affidavits, statements, or other instruments that may be necessary in the prosecution of the application and of any continuation, division or substitution of the application, or any application for reissue or extension of said Letters Patent, **and to assist the Government in every way in protecting the invention or obtaining patent(s) as may be requested**, provided that any expense arising through such efforts will be paid by the Government.

IN TESTIMONY WHEREOF, we have set our hands and affixed our seals.



Inventor Signature

February 09, 2018

Date

Subrata Sanyal
Printed Name

ASSIGNMENT OF INVENTION

Navy Case: 200,385

WHEREAS I, Kin Chiu Ng, of 1894 E. Oak Haven Dr. Fresno, CA 93730, while engaged as a contractor with the Government of the United States of America, hereinafter referred to as the Government, have employed employees, contractors or subcontractors who have invented or contributed to an invention of certain new and useful improvements in a "METHODS AND SYSTEMS FOR INCORPORATING BIO-SENSORS IN DRONES TO WIRELESSLY DETECT BIOLOGICAL MOLECULES AND HAZARDS," described in application for Letters Patent of the United States of America executed by the various inventors on the dates referenced below, and

Patent Application 15/801,296 filed on November 01, 2017

WHEREAS, the conditions under which the invention was made are such as to entitle the Government under Government Contract Number ^{NC00014-13-C-0043} and Task Order Number _____ respectively, dated 5/23/2016, and effective 5/23/2016 to 8/1/2016 (date of work statement), to the entire right, title and interest therein, including foreign rights; and

WHEREAS, the Government is desirous of obtaining the entire right, title and interest in and to said application within the United States of America, its territories and possessions and other rights and benefits herein granted; and

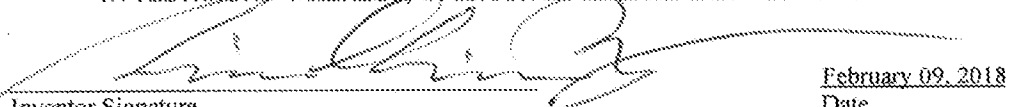
WHEREAS, as to foreign rights, the Government desires an option to obtain such rights;

NOW, THEREFORE, in consideration of the premises and other good and valuable consideration, the receipt of which is hereby acknowledged, we hereby assign and transfer to the **United States of America as represented by the Secretary of the Navy** the entire right, title, and interest in and to said invention within the United States of America, its territories and possessions, and the entire right, title and interest in and to said application and any continuation, division or substitution thereof, and such Letters Patent as may issue therefrom and any reissue or extensions thereof, said invention, application and Letters Patent to be held by the United States of America United States of America as represented by the Secretary of the Navy to the end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by us had this assignment not been made.

We do hereby also grant unto the Government, the option to take the entire right, title and interest in and to the invention and all patent applications, patents and other forms of protection thereon in countries foreign to the United States of America within eight months of the filing date of any application for United States Letters Patent covering the invention; such option to be exercised by a written notification to us within such eight months after filing of the invention in the United States identifying the specific foreign countries in which the Government will file or cause to be filed an application for patent or other form of protection on the invention, and that the rights in the foreign countries not exercised under the option are left in us subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent or other form of protection which may issue on the invention in any foreign country, including the power to issue sub-licenses for use in behalf of the Government and/or in furtherance of the foreign policies of the Government.

We hereby further agree to make, execute, and deliver to the Government any and all papers, documents, affidavits, statements, or other instruments that may be necessary in the prosecution of the application and of any continuation, division or substitution of the application, or any application for reissue or extension of said Letters Patent, **and to assist the Government in every way in protecting the invention or obtaining patent(s) as may be requested**, provided that any expense arising through such efforts will be paid by the Government.

IN TESTIMONY WHEREOF, we have set our hands and affixed our seals.



Inventor Signature February 09, 2018
Date

Kin Chiu Ng
Printed Name