

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CARLOS M TORRES JR	11/29/2017
JAMES R ADLEMAN	12/06/2017
RYAN P LU	12/06/2017
KANG L WANG	08/08/2017
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State/Country:	VIRGINIA
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15827556
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SIGNATURE:	/Anthony R. King/
DATE SIGNED:	02/26/2018
Total Attachments: 2	

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ASSIGNMENT

WHEREAS, I, Carlos M. Torres Jr., James R. Adleman, and Ryan P. Lu, of San Diego, CA, while employed by the Government of the United States, have invented certain new and useful improvements in:

TUNABLE GRAPHENE LIGHT-EMITTING DEVICE

identified as Navy Case No. 103883, described in application for Letters Patent of the United States of America executed by me on November 29 & December 6, 2017; and Respectively

WHEREAS, the Government of the United States, represented by the Secretary of the Navy and hereinafter referred to as the Government, is desirous of acquiring an assignment of the invention disclosed in said application and other rights and benefits herein granted; and

WHEREAS, the conditions under which the invention was made are such as to entitle the Government under Paragraph 1(a) of Executive Order 10096, to the entire right, title and interest therein, including foreign rights; and


WHEREAS, as to foreign rights, it is the policy of the Government to obtain an option to exercise such rights;

NOW, THEREFORE, in consideration of the promises and other good and valuable consideration the receipt of which is hereby acknowledged, I hereby assign and transfer to the Government 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 to be held by the Government 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.

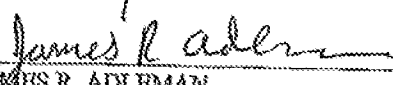
I do hereby also grant unto the Government, the option to take the entire right, title and interest in the invention and all patent applications or other forms of protection thereon in all countries foreign to the United States in which the Government may file, or cause to be filed, applications for Letter Patent or other forms of protection, without payment of any consideration; provided, however that this grant of an option to take foreign rights in the invention, or applications or other forms of protection thereon, shall have force and effect only as to such applications filed in foreign countries within eight months of the filing date of any application for United States Letter Patent covering the invention, or within eight months from the declassification of the invention, whichever is later, and that all foreign rights exercised under the option are left to us subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent or other form of protection which may issue on said invention in any foreign country, including the power to issue sublicenses for use in behalf of the Government and/or in furtherance of the foreign policies of the Government.

I 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 as may be requested, provided that any expense arising through such efforts will be paid by the Government.

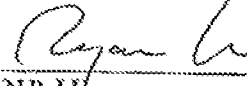
IN TESTIMONY WHEREOF, I have set my hand and affixed my seal.


CARLOS M. TORRES JR.

Date 11/29/17


JAMES R. ADLEMAN

Date 12/06/2017


RYAN P. LU

Date 12/06/2017

ASSIGNMENT

Title: Voltage-Controlled Wavelength-Agile Graphene Broadband Infrared Light-Emitting Transistor (GBILET)	
Inventor (s) Carlos M. Torres (SSC Pacific) James R. Adelman (SSC Pacific) Ryan P. Li (SSC Pacific) Kang L. Wang (UCLA)	Employer/University University of California, Los Angeles (UCLA) / The Regents of The University of California
	Government Agency SPAWAR Systems Center, Pacific (SSC Pacific)
	Invention Disclosure Navy Case No. SSC Pacific NC 103883 / UCLA Case No. 2016-483
	Date Invention Disclosure Received at Agency 2 December 2015
	Provisional Application Filed 11/30/2016, serial no. 62/428,113

The undersigned Inventor(s), in recognition of his/her (their) obligation as employee (s) of the University to assign inventions to the University, and pursuant to the obligations of the University, hereby assign (assigns) to the United States of America as represented by the Secretary of the Navy (herein referred to as the Government), subject to a revocable, nonexclusive and royalty-free license which is hereby reserved to the University, all right, title and interest in and to each invention disclosed and claimed in the above invention disclosure.

The license reserved to the University shall extend to all existing and future associated and affiliated companies, if any, within the corporate structure of which the University is a part and shall be assignable to the successor of that part of the University's business to which such invention pertains.

The Inventor (s) further agrees (agree) to assist the University, and the Government, upon request, by furnishing any available information and documents, and by performing all acts which may be reasonably necessary to obtain patent protection on the invention(s).

The University joins in and agrees to the foregoing assignment, and except for the above reservation of a license, relinquishes and assigns all right, title and interest in and to such invention, and further agrees to furnish to the Government, upon request, any available information and documents necessary for the Government to obtain patent protection on the invention(s).

8/8/2017
DATE


Kang L. Wang (UCLA) (Seal)

SIGNED THIS 17 DAY OF Aug, 2017

ATTEST:

(Seal)

Charanjit Arora, J.D., Ph.D.
Chief Intellectual Property Officer
The Regents of the University of California
On Behalf of its Los Angeles Campus

UCLA / UC Regents
By 