

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2856368

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GANG LOGAN LIU	05/15/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS
<b>Street Address:</b>	506 SOUTH WRIGHT STREET
<b>Internal Address:</b>	352 HENRY ADMIN BLDG
<b>City:</b>	URBANA
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	61801
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	61226036
<b>Application Number:</b>	12957883
<b>CORRESPONDENCE DATA</b>	
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
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<b>Correspondent Name:</b>	TRACY HUNTER
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<b>ATTORNEY DOCKET NUMBER:</b>	TF14043-US
<b>NAME OF SUBMITTER:</b>	TRACY HUNTER
<b>SIGNATURE:</b>	/Tracy Hunter/
<b>DATE SIGNED:</b>	05/15/2014
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 3</b>	
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## ASSIGNMENT

WHEREAS, I:

1. GANG LOGAN LIU, a resident of CHAMPAIGN, IL 61822; and

referred to hereinafter as **ASSIGNOR**, have invented a certain invention entitled "NANOSCALE ARRAY STRUCTURES SUITABLE FOR SURFACE ENHANCED RAMAN SCATTERING AND METHODS RELATED THERETO", for which the following patent applications for Letters Patent:

Application Type	Application Serial No.	Filing Date
US Provisional	61/226,036	12/01/2009
AND		
US Utility	12/957,883	12/01/2010

was submitted or filed;

WHEREAS, The Board of Trustees of the University of Illinois, a body corporate and politic, having a place of business at 352 Henry Administration Building, 506 South Wright Street, Urbana, IL 61801, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring my entire right, title and interest in, to and under said invention and the United States Letters Patent to be obtained therefore.

### NOW THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that in consideration of my contractual and other legal obligations, and other good and valuable consideration, the receipt of which is hereby acknowledged, the **ASSIGNOR** confirms his assignment to the **ASSIGNEE**, has sold, assigned, transferred, and set over to the **ASSIGNEE**, and by these presents do hereby sell, assign, transfer and set over unto the **ASSIGNEE**, its successors, legal representatives and assigns, the full, exclusive and entire right, title and interest in, to and under said invention and the said United States Application and all divisions, renewals, continuations and subsequent applications thereof, and all

Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States; together with the right to file such applications and the right to claim for the same the priority of said patent applications listed herein and applications thereof and therefrom under The International Union for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application and applications thereof and therefrom is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

ASSIGNOR hereby authorizes and requests 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 or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

ASSIGNOR hereby represents, warrants and covenants that ASSIGNOR has the full right to convey the entire interest herein assigned and that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE, its successors, legal representatives and assigns will, upon its request, be provided promptly by said ASSIGNOR with all pertinent facts and documents relating to said applications, said invention and said Letters Patent as may be known and accessible to said ASSIGNOR, and said ASSIGNOR will testify as to the same in any interference, litigation or any other adversarial proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its successors, legal representatives and assigns any and all applications, rightful oaths, affidavits, papers or instruments required or desirable to apply for, obtain, maintain and enforce said applications, said invention and said Letters Patent, and generally cooperate and do everything possible to aid in carrying out the purposes hereof;

ASSIGNOR authorizes and requests by the execution of this assignment for an attorney of record for ASSIGNEE, its successors, legal representatives or assigns to insert into this assignment the filing date and serial number of said application when officially known, and correct any minor typographical errors.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal (if applicable) the day and year set opposite my signature.

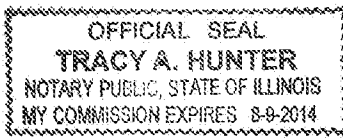
DATE 5/15/2014

Gang Logan Liu  
GANG LOGAN LIU

STATE OF ILLINOIS)  
) ss.  
COUNTY OF CHAMPAIGN)

I, Tracy A. Hunter, a Notary Public in and for the County and State aforesaid, do hereby certify that Gang Logan Liu, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 15<sup>th</sup> day of May, 2014.

(SEAL) 

Tracy A. Hunter  
Notary Public

My Commission Expires: August 9, 2014