

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
XIAOJI XU	10/25/2018
HAOMIN WANG	10/25/2018
<b>RECEIVING PARTY DATA</b>	
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<b>City:</b>	BETHLEHEM
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	18015
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	62620263
<b>Application Number:</b>	16963917
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	528.881
<b>NAME OF SUBMITTER:</b>	JAY G. DURST
<b>SIGNATURE:</b>	/Jay G. Durst/
<b>DATE SIGNED:</b>	09/13/2021
<b>Total Attachments: 2</b>	
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**ASSIGNMENT**

I/We, **Xiaoji Xu**, residing at c/o Lehigh University, 5 East Packer Avenue, Bethlehem, PA 18015, and **Haomin Wang**, residing at c/o Lehigh University, 5 East Packer Avenue, Bethlehem, PA 18015, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled:

**A NON-TAPPING MODE SCATTERING-TYPE SCANNING NEAR-FIELD OPTICAL MICROSCOPY**

which application was executed by the inventors on the date of execution of this assignment, and is identified by Application No. 62/620,263, filed on January 22, 2018, Attorney Docket No. 355940.00169, and Lehigh University whose address is Office of Technology Transfer, 354 Whitaker Laboratory, 5 East Packer Avenue, Bethlehem, PA 18015 and which, together with its successors and assigns is hereinafter called "Assignee," is desirous of acquiring title, rights, benefits and privileges hereinafter recited, and of confirming the same or any part thereof heretofore acquired by Assignee.

**NOW, THEREFORE**, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign and convey to and confirm in Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or discoveries or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our name(s) or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to

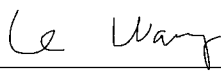

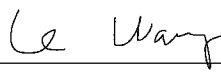
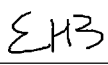
Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

5. Bind our heirs and legal representatives, as well as ourselves, to do, upon Assignee's request and at its expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me/us or my/our heirs or representatives if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs or legal representatives and which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

The effective date of this instrument is the latest date accompanying signature(s), hereinbelow.

**IN TESTIMONY WHEREOF**, we have affixed our signature(s).

Le Wang		10/25/18		10/25/18
(Witness)		(Date)	<b>Xiaoji Xu</b>	(Date)
Le Wang		10/25/18		10/25/18
(Witness)		(Date)	<b>Haomin Wang</b>	(Date)