

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT5379280

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JINSONG HUANG	02/14/2019
WEI WEI	02/13/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA
<b>Street Address:</b>	23835 HOLDREGE STREET
<b>City:</b>	LINCOLN
<b>State/Country:</b>	NEBRASKA
<b>Postal Code:</b>	68583
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16241071
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(213)616-5700
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<b>Phone:</b>	213-616-5600
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<b>ATTORNEY DOCKET NUMBER:</b>	512720 (000231US)
<b>NAME OF SUBMITTER:</b>	GERALD T. GRAY
<b>SIGNATURE:</b>	/Gerald T. Gray/
<b>DATE SIGNED:</b>	02/15/2019
<b>Total Attachments: 2</b>	
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## ASSIGNMENT AGREEMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We,

Jinsong Huang  
2021 Transformation Drive, Suite 2220  
Lincoln, NE 68508

Wei Wei  
2021 Transformation Drive, Suite 2220  
Lincoln, NE 68508

hereby sell, assign and transfer to **The Board of Regents of the University of Nebraska**, a public university of the State of Nebraska, having an office at 23835 Holdrege Street, Lincoln, NE 68583, and its successors, assigns and legal representatives (collectively "Assignee"), the entire right, title and interest, for the United States and all foreign countries, in and to any and all inventions and improvements ("Inventions") as described and/or claimed in a non-provisional application in the United States entitled **MONOLITHIC INTEGRATION OF HYBRID PEROVSKITE SINGLE CRYSTALS WITH SILICON FOR HIGHLY SENSITIVE X-RAY DETECTORS**, Application No. 16/241,071 filed on January 7, 2019, and in and to the applications and all non-provisional, divisional, continuing, substitute, renewal, reissue, reexamination and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries for the Inventions, and all the rights and privileges under any and all Letters Patent that may be granted therefore including any reissues, reexaminations and extensions thereof.

I/We agree that when requested will, without charge to Assignee but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for the Inventions in any and all countries and for vesting title thereto in Assignee.

I/We authorize and empower Assignee to make applications for patent or other form of protection for the Inventions in Assignee's own name in any and all countries, and to invoke and claim for any application for patent or other form of protection for the Inventions filed by Assignee the benefit of all rights of priority provided by any and all treaties, conventions or agreements without further written or oral authorization.

I/We hereby consent that a copy of this Assignment Agreement shall be deemed a full legal and formal equivalent of any assignment, consent to file or similar document which may be required in any country for any purpose, including proof of the right of Assignee to apply for patent or other form of protection for the Inventions and to claim the aforesaid benefit of the right of priority.

In Testimony Whereof, I/We have hereunto set our hands on the dates shown below.

Docket No. 512720 (000231US)

Date 2/14/2019

Jinsong Huang  
Jinsong Huang

Date 02/13/2019

Wei Wei  
Wei Wei