### 505778869 11/18/2019

EPAS ID: PAT5825696

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
DAWEN LI	08/27/2019
ZHONGLIANG OUYANG	08/27/2019

### **RECEIVING PARTY DATA**

Name:	THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ALABAMA
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City:	TUSCALOOSA
State/Country:	ALABAMA
Postal Code:	35487

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16534313

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	10025-225US1
NAME OF SUBMITTER:	MELISSA M. MITCHELL
SIGNATURE:	/Melissa M. Mitchell/
DATE SIGNED:	11/18/2019

#### **Total Attachments: 4**

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PATENT 505778869 REEL: 051037 FRAME: 0633

### ASSIGNMENT

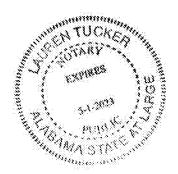
For valuable consideration, we, Dawen Li of Tuscaloosa, Alabama; and Zhongliang Ouyang of Tuscaloosa, Alabama, hereby assign to THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ALABAMA, whose principal address is 801 University Boulevard. Tuscaloosa, Alabama 35487, and its successors and assigns (collectively hereinafter "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements that are subject of an application for United States Patent, titled "RAPID LAYER-SPECIFIC PHOTONIC ANNEALING OF PEROVSKITE THIN FILMS," filed August 7, 2019, and assigned U.S. Patent Application No. 16/534,313, this assignment including said application, any and all divisional, continuing, substitute, renewal, reissuc and all other applications for patent that have been or shall be filed in the United States and all foreign countries on any such inventions or improvements; all original and reissued patents that have been or shall be issued in the United States and all foreign countries on such inventions or improvements; and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Assignment Page 1 of 4

Date:	8/27/2019	DLi
		Dawen Li
STATI COUN	EOF Algoarna ) > ss TYOF <u>Tuscaloosa</u> )	i <sub>a:</sub>
me (or subscri authori	proved to me on the basis of satisfact bed to this Assignment, who acknowl	, 2014, before me, the undersigned, a notary public personally appeared Dawen Li, personally known to ory evidence) to be the person whose name is ledged having executed the same in his/her ture on this Assignment, the person or the entity this Assignment.
	WITNESS my hand and official seal.  OFFICE STATE	Notary Public July

Date: 08/27/2019	My CJ Zhongliang Ouyang	
STATE OF TUSCOLOSC.)	SS.	
personally known to me (or proved to me of whose name is subscribed to this Assignment	, 2014, before me, the undersigned, a notary pe personally appeared <b>Zhongliang Ouyang</b> , on the basis of satisfactory evidence) to be the perent, who acknowledged having executed the same the rignature on this Assignment, the person or the executed this Assignment.	son in

WITNESS my hand and official seal.



/Notary Public

Attorney Docket No. 10025-225US1 Client Ref. No. 18-0034

## THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ALABAMA

Date: 10/18/2019

Name:

Russell J Mumper, PhD

Title: Vice Presi

Vice President for Research and Economic Development

-THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ALABAMA

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PATENT REEL: 051037 FRAME: 0637

**RECORDED: 11/18/2019**