#### 11/19/2019 505781476

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MINGYANG CHEN	11/12/2019
LI ZHANG	11/12/2019
PIPI LIU	11/12/2019
GUODONG CAO	11/12/2019
XIAOMING XU	11/12/2019

#### RECEIVING PARTY DATA

Name:	JIANGSU UNIVERSITY
Street Address:	NO. 301 XUEFU ROAD
Internal Address:	JINGKOU ZHENJIANG
City:	JIANGSU
State/Country:	CHINA
Postal Code:	212013

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

Property Type	Number
Application Number:	16614253

### **CORRESPONDENCE DATA**

Fax Number: (520)882-7643

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 5208827623

Email: cgee@hayes-soloway.com NORMAN P. SOLOWAY **Correspondent Name:** 4640 E. SKYLINE DRIVE Address Line 1: Address Line 4: TUCSON, ARIZONA 85718

ATTORNEY DOCKET NUMBER:	JINGWEI DOP19US1602
NAME OF SUBMITTER:	NORMAN P. SOLOWAY
SIGNATURE:	/norman p. soloway/
DATE SIGNED:	11/19/2019

**Total Attachments: 5** 

**PATENT** REEL: 051059 FRAME: 0028

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PATENT REEL: 051059 FRAME: 0029

# ASSIGNMENT

I, Mingyang CHEN of Jiangsu, China, having invented certain inventions and improvements in SOLAR TRACKING SENSOR BASED ON FIBER LIGHT GUIDANCE and having executed an application for Letters Patent of the United States of America describing the same and based thereon (U.S. Patent Application Serial No. 16/614.253 , filed November 15, 2019 ), for good and valuable consideration, the receipt of which is hereby acknowledged from JIANGSU UNIVERSITY, a Chinese University having its principal place of business at No.301 Xuefu Road, Jingkou Zhenjiang, Jiangsu, 212013 China (hereinafter called the Assignce), do hereby sell, assign and transfer unto the Assignce, its successors, and assigns my entire right, title, and interest, in and to said invention in the United States of America, including all rights, title and interest in the above-mentioned application and any divisional, continuing or reissue application or applications and any patent which may be issued on the said invention in the United States of America;
And for the same consideration I do agree that I will upon request execute any instrument which the Assignee may desire to carry this Assignment into effect and perfect the title transferred hereby or prosecute the above-mentioned application;
And I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent on the said application to the Assignee;
And I do hereby jointly and severally covenant for myself and for my legal representatives that I have granted no right or license to make, use, or sell said invention to anyone except the Assignee, that prior to the execution of this deed my right, title, and interest in and to said inventions or any of them or any part thereof has not been otherwise encumbered by me, and that I have not executed and will not execute any instrument in conflict herewith.
IN WITNESS WHEREOF, I/we hereunto set my hand and seal on the day and year hereinafter noted.
Inventor's signature Mingrang CHEN Date Nov. 12, 2419
Full name: Mingyang CHEN

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### ASSIGNMENT

divisional, continuing or reissue application or applications and any patent which may be issued on the said invention in the United States of America;
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And for the same consideration I do agree that I will upon request execute any instrument which the Assignee may desire to carry this Assignment into effect and perfect the title transferred hereby or prosecute the above-mentioned application;

And I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent on the said application to the Assignce;

And I do hereby jointly and severally covenant for myself and for my legal representatives that I have granted no right or license to make, use, or sell said invention to anyone except the Assignee, that prior to the execution of this deed my right, title, and interest in and to said inventions or any of them or any part thereof has not been otherwise encumbered by me, and that I have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, I/we hereunto set my hand and seal on the day and year hereinafter noted.

Inventor's signature Li ZW///s	Date
Full name: Li ZHANG	Marin Control of the
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Witness: Witness:	
Date: Date: Date:	

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# ACCIONINGUISTO

ABBREINE
I, Pipi LIU of Jiangsu, China, having invented certain inventions and improvements in SOLAR TRACKING SENSOR BASED ON FIBER LIGHT GUIDANCE and having executed an application for Letters Patent of the United States of America describing the same and based thereon (U.S. Patent Application Serial No. 16/614,253, filed
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And I do hereby authorize and request the Commissioner of Patents and Trademarks of

the United States of America to issue Letters Patent on the said application to the Assignee;

And I do hereby jointly and severally covenant for myself and for my legal representatives that I have granted no right or license to make, use, or sell said invention to anyone except the Assignee, that prior to the execution of this deed my right, title, and interest in and to said inventions or any of them or any part thereof has not been otherwise encumbered by me, and that I have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, I/we hereunto set my hand and seal on the day and year hereinafter noted.

Inventor's signature AN LIU Full name: Pipi LIU		Date	14.12,2019
Full name: Pipi LIU			1
Witness: LIV	Witness:		
Date: //// /2, 12, 24	Date:		

### ASSIGNMENT

I, Guodong CAO of Jiangsu, China, having invented certain inventions and improvements in SOLAR TRACKING SENSOR BASED ON FIBER LIGHT GUIDANCE and having executed an application for Letters Patent of the United States of America describing the same and based thereon (U.S. Patent Application Serial No. 16/614.253 filed November 15, 2019 for good and valuable consideration, the receipt of which is hereby acknowledged from JIANGSU UNIVERSITY, a Chinese University having its principal place of business at No.301 Xuefu Road, Jingkou Zhenjiang, Jiangsu, 212013 China (hereinafter called the Assignee), do hereby sell, assign and transfer unto the Assignee, its successors, and
assigns my entire right, title, and interest, in and to said invention in the United States of America, including all rights, title and interest in the above-mentioned application and any divisional, continuing or reissue application or applications and any patent which may be issued on the said invention in the United States of America;

And for the same consideration I do agree that I will upon request execute any instrument which the Assignee may desire to carry this Assignment into effect and perfect the title transferred hereby or prosecute the above-mentioned application;

And I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent on the said application to the Assignee;

And I do hereby jointly and severally covenant for myself and for my legal representatives that I have granted no right or license to make, use, or sell said invention to anyone except the Assignee, that prior to the execution of this deed my right, title, and interest in and to said inventions or any of them or any part thereof has not been otherwise encumbered by me, and that I have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, I/we hereunto set my hand and seal on the day and year hereinafter noted.

Inventor's sig	gnature <b>(m.o</b> Alms	(A0	Date Nov . 12 24/9
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### A CACATRATA NATIONAL MARKATANA

I YLMN! AMCACA.					
I, Xiaoming XU of Jiangsu, China, having invented certain inventions and improvement in SOLAR TRACKING SENSOR BASED ON FIBER LIGHT GUIDANCE and having executed an application for Letters Patent of the United States of America describing the same and based thereon (U.S. Patent Application Serial No. 18/614,253 filed hovember 15, 2019 ), for good and valuable consideration, the receipt of which is hereby acknowledged from JIANGSU UNIVERSITY, a Chinese University having its principal place of business at No.301 Xuefu Road, Jingkou Zhenjiang, Jiangsu, 212013 China (hereinafter called the Assignee), do hereby sell, assign and transfer unto the Assignee, its successors, and assigns my entire right, title, and interest, in and to said invention in the United States of America, including all rights, title and interest in the above-mentioned application and any divisional, continuing or reissue application or applications and any patent which may be issued on the said invention in the United States of America;					
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And I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent on the cold and Victorian to the America.					

ca to issue Letters Fatent on the said application to the Assignee;

And I do hereby jointly and severally covenant for myself and for my legal representatives that I have granted no right or license to make, use, or sell said invention to anyone except the Assignee, that prior to the execution of this deed my right, title, and interest in and to said inventions or any of them or any part thereof has not been otherwise encumbered by me, and that I have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, I/we hereunto set my hand and seal on the day and year hereinafter noted.

Inventor's signature	Xioominii	XV	Date	1/10, 12, 2019
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