PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5133088

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------|----------------|
| XIUXIU QI | 08/28/2018 |
| WENHUA CHEN | 08/28/2018 |
| YONG ZHOU | 08/28/2018 |
| YAOZHONG LI | 08/28/2018 |

RECEIVING PARTY DATA

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| State/Country: | CHINA | |
| Postal Code: | 213164 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16083788 |

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ATTORNEY DOCKET NUMBER: PA120.0047 NAME OF SUBMITTER: YIN-YU CHEN **SIGNATURE:** /Yin-Yu Chen/ **DATE SIGNED:** 09/10/2018

Total Attachments: 2

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> **PATENT** REEL: 046831 FRAME: 0095 505086330

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

ZnWO₄ PHOTOCATALYTIC MATERIAL WITH OXYGEN VACANCY AND PREPARATION METHOD THEREOF

for which I/WE executed an application for United States Letters Patent that was filed or will be filed in the United States Patent and Trademark Office; and

WHEREAS, CHANGZHOU VOCATIONAL INSTITUTE OF ENGINEERING, a corporation of CHINA, whose post office address is No. 33, Gehu Road, Wujin District, Changzhou, Jiangsu 213164, China (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee(s) is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee(s), its/their lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to Assignee(s), its/their successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee(s), its/their successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignee(s), its/their successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee(s), its/their successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee(s), its/their successors and assigns.

PATENT REEL: 046831 FRAME: 0096 AND, INVE HEREBY authorize and request the attorneys I/we have empowered in the Power of Attorney in this application, to insert here in parentheses (Application No. 16/083,788 filed September 10, 2018) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

| and the control of th | 414174714 474717 71414 | DATE |
|--|----------------------------|-------------|
| | Z. Xinxin | 2018.8.28 |
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PATENT REEL: 046831 FRAME: 0097

RECORDED: 09/10/2018