

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yu-Lun CHUEH</td> <td>05/13/2013</td> </tr> <tr> <td>Hsiang-Ying CHENG</td> <td>05/13/2013</td> </tr> <tr> <td>Yi-Chung WANG</td> <td>05/13/2013</td> </tr> <tr> <td>Yu-Ting YEN</td> <td>05/13/2013</td> </tr> </tbody> </table>		Name	Execution Date	Yu-Lun CHUEH	05/13/2013	Hsiang-Ying CHENG	05/13/2013	Yi-Chung WANG	05/13/2013	Yu-Ting YEN	05/13/2013
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>National Tsing Hua University</td> </tr> <tr> <td>Street Address:</td> <td>No. 101, Sec. 2, Kuang Fu Rd.,</td> </tr> <tr> <td>City:</td> <td>Hsinchu City</td> </tr> <tr> <td>State/Country:</td> <td>TAIWAN</td> </tr> </table>		Name:	National Tsing Hua University	Street Address:	No. 101, Sec. 2, Kuang Fu Rd.,	City:	Hsinchu City	State/Country:	TAIWAN		
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CORRESPONDENCE DATA											
Fax Number: 7036217155 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 703-621-7140 Email: MAILROOM@MG-IP.COM Correspondent Name: Muncy, Geissler, Olds & Lowe, PLLC Address Line 1: 4000 Legato Road Address Line 2: Suite 310 Address Line 4: FAIRFAX, VIRGINIA 22033											
ATTORNEY DOCKET NUMBER:	2450/2997PUS1										
NAME OF SUBMITTER:	Joe McKinney Muncy										
Signature:	/Joe McKinney Muncy/										

Date:	06/05/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 3 source=2450-2997PUS1-Assignment#page1.tif source=2450-2997PUS1-Assignment#page2.tif source=2450-2997PUS1-Assignment#page3.tif	

MUNCY, GEISSLER, OLDS & LOWE, PLLC

UNITED STATES PATENT RIGHTS, OR
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: METHOD OF FABRICATING 3D STRUCTURE ON CIGS MATERIAL

As a below named inventor, I hereby declare that:

This declaration is directed to:

☒ The attached application; or

☐ United States application number or PCT international application number _____,

filed on _____.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Direct all correspondence to the address associated with Customer Number 60601.

WHEREAS, National Tsing Hua University
of No.101, Sec. 2, Kuang-Fu Rd., Hsinchu City, Taiwan, R.O.C., its heirs,
successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous
of acquiring the entire right, title and interest in and to said invention and in and to any Letters
Patent(s) that may be granted therefor in the United States of America and ☐ in any foreign
countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the
undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and
valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these

presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional, conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Muncy, Geissler, Olds & Lowe, PLLC the power to insert on this Assignment any further identification which may be necessary or

desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

LEGAL NAME OF FIRST OR SOLE INVENTOR:

Yu-Lun CHUEH

Signature: Chueh, Yu-Lun Date: 13th May, 2013

LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:

Hsiang-Ying CHENG

Signature: Cheng, Hsiang-Ying Date: 13th May, 2013

LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:

Yi-Chung WANG

Signature: Wang, Yi-Chung Date: 13th May, 2013

LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:

Yu-Ting YEN

Signature: Yen, Yu-Ting Date: 13th May, 2013

☐ Additional inventors are being named on separately numbered sheets attached hereto.