# 502943241 08/20/2014

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2989839

SUBMISSION TYPE:		NEW ASSIGNMENT			
ATURE OF CONVEYA	NCE:	ASSIGNMENT			
CONVEYING PARTY D	ΑΤΑ				
		Name	Execution Date		
YANG YANG			02/06/2013		
HUANPING ZHOU			02/03/2013		
BAO LEI			02/02/2013		
CHOONG-HEUI CHUNG	à		02/14/2013		
BRION P. BOB			02/03/2013		
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#### ASSIGNMENT

#### UC. Case No. 2011-853 2

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

Yang Yang	
Huanping Zhou	
Bao Lei	
Choong-Heul Chung	
Brion P. Bob	

hereby sells, assigns and transfers to ASSIGNEE. The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, Twelfth Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

Metal-Chalcogenide Photovoltaic Device with Metal-Oxide Nanoparticle Window Layer

and which is found in

International Patent Application Serial No. PCT/US13/21452, filed on 1/14/2013

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby agrees that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further agrees that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, post grant review, inter partes review, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the <u>ASSIGNOR(S)</u> requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE. The Regents of the University of California.

executed this

Signature of Inventor(s)

Inventor Name Yang Yang	Date 2/6/2013	Signature Any fire
Huanping Zhou	213/2013	Huanpine the
Bao Lei		
Choong-Heui Chung		
Brion P. Bob	2/3/2013	This fight

## Assignce hereby accepts this Assignment:

Sandy Auyoung, UCLA Patent Prosecution Manager

Assigned hereby accepts this Assign	iment:	1.117
Assigned hereby accepts this Assign	ATTORNEY FOR ASSIGNEE	8/2/13
Name Name	Title	Date

Date

### ASSIGNMENT

## UC. Case No. 2011-853 2

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Signature of Inventor(s)

Inventor Name	Date	Signature
Yang Yang		
Huanping Zhou		17
Bao Lei	2/2/2013	have
Choong-Heui Chung		
Brion P. Bob		

Assignee hereby accepts this Assignment:

Sandy Auyoung, UCLA Patent Prosecution Manager

Date

Assignee hereby accepts this Assignment:

ATTORNEY FOR ASSIGNEE

ASSIGNMENT

UC. Case No. 2011-853 2

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

Yang Yang	
Huanping Zhou	
Bao Lei	
Choong-Heui Chung	
Brion P. Bob	

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executed this

Signature of Inventor(s)

Inventor Name	Date	Signature
Yang Yang		
Huanping Zhou		
Bao Lei		
Choong-Heui Chung	2/4/2013	252
Brion P. Bob		

Date

Assignee hereby accepts this Assignment:

Sandy Auyoung, UCLA Patent Prosecution Manager

Assigned hereby accepts this Assignment: ATTORNET FOR ASSIGNER 8/2/23 Name Title Date

> PATENT REEL: 033575 FRAME: 0295

**RECORDED: 08/20/2014**