

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Qifeng Zhang	03/04/2011
Guozhong Cao	03/03/2011
<b>RECEIVING PARTY DATA</b>	
Name:	University of Washington
Street Address:	4311 11th Avenue NE
Internal Address:	Suite 500
City:	Seattle
State/Country:	WASHINGTON
Postal Code:	98105-4608
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	13021520
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(206)224-0779
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	206 682 8100
Email:	efiling@cojk.com
Correspondent Name:	Llewellyn Rhys Lawson
Address Line 1:	Christensen O'Connor Johnson Kindness
Address Line 2:	1420 Fifth Avenue, Suite 2800
Address Line 4:	Seattle, WASHINGTON 98101-2347
ATTORNEY DOCKET NUMBER:	UWOTL-1-36223
NAME OF SUBMITTER:	Llewellyn Rhys Lawson
Total Attachments: 3 source=36223_Assignment#page1.tif	

OP \$40.00 13021520

**501470646**

**PATENT**  
**REEL: 025974 FRAME: 0394**

source=36223\_Assignment#page2.tif

source=36223\_Assignment#page3.tif

ASSIGNMENT

to

The University of Washington  
Seattle, Washington

WHEREAS, Qifeng Zhang and Guozhong Cao have made a certain invention in DYE-SENSITIZED SOLAR CELL EMPLOYING ZINC OXIDE AGGREGATES GROWN IN THE PRESENCE OF LITHIUM for which Qifeng Zhang and Guozhong Cao have executed an application for Letters Patent filed in the U.S. Patent Office on February 4, 2011, as Application No. 13/021520; and

WHEREAS, the University of Washington, a public institution of higher education having a place of business at Seattle, Washington, is desirous of acquiring an interest in said invention and in any patent or patents to be obtained therefor;

NOW, THEREFORE, for sufficient, good, and valuable consideration, the receipt of which is hereby acknowledged, Qifeng Zhang and Guozhong Cao hereby sell, assign, and transfer unto the University of Washington the entire right and title to and interest in said application and said invention for the United States of America and its territorial possessions and all foreign countries, and the entire right and title to and interest in any and all letters patents which may be granted therefor in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues, and continuations thereof;

And Qifeng Zhang and Guozhong Cao further covenant and agree that Qifeng Zhang and Guozhong Cao will, at the request and expense of said University of Washington, execute such other and further assurances of title as may be necessary or proper to fully convey the interest herein sought to be conveyed; that Qifeng Zhang and Guozhong Cao will, at the request and expense of said University of Washington, execute such application papers as may be desired by said University of Washington for the filing of any continuation, division, or renewal of the application herein conveyed, or for reissues or extensions of any Letters Patent that may be granted upon said application, and will execute such supplemental oaths and preliminary statements or other papers as desired by said University of Washington.

And Qifeng Zhang and Guozhong Cao further assign unto said University of Washington the entire right and title to and interest in said invention throughout all countries foreign to the United States, and do hereby authorize said University of Washington to apply for international patents and patents therefor in its own name in countries where such procedure is proper and to claim the benefit of the International Convention, and do agree to execute applications for said

invention in the several countries where it is necessary that the same be executed by the inventors and to execute assignment of such applications and the patents to be obtained therefor to said University of Washington, the assignee herein, as well as all other necessary papers.

IN TESTIMONY WHEREOF, Qifeng Zhang and Guozhong Cao have hereunto executed this assignment on the date set forth below.

Date: 03/04/2011

Qifeng Zhang  
Qifeng Zhang

STATE OF WASHINGTON )

) ss.

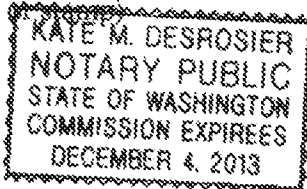
COUNTY OF KING )

I certify that I know or have satisfactory evidence that Qifeng Zhang is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: 3/4/11

[Signature]

(Seal)



Signature

Printed Name:

Notary Public

My appointment expires

Kate M Desrosier  
12/4/13

\*\*\*\*\*

Date: March 3, 2011

Guozhong Cao  
Guozhong Cao

STATE OF WASHINGTON )

) ss.

COUNTY OF KING )

I certify that I know or have satisfactory evidence that Guozhong Cao is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: 3/3/2011

Daniel Y. Ogami  
Signature

Printed Name: Daniel Y. Ogami

Notary Public

My appointment expires 11-10-2014

(Seal or stamp)



LRL/pa