

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr><td>Bingshe Xu</td><td>12/27/2010</td></tr> <tr><td>Hua Wang</td><td>12/27/2010</td></tr> <tr><td>Fangfang Wei</td><td>12/27/2010</td></tr> <tr><td>Huixia Xu</td><td>12/27/2010</td></tr> <tr><td>Xiaohang Fang</td><td>12/27/2010</td></tr> <tr><td>Yuying Hao</td><td>12/27/2010</td></tr> <tr><td>Liuqing Chen</td><td>12/27/2010</td></tr> </tbody> </table>		Name	Execution Date	Bingshe Xu	12/27/2010	Hua Wang	12/27/2010	Fangfang Wei	12/27/2010	Huixia Xu	12/27/2010	Xiaohang Fang	12/27/2010	Yuying Hao	12/27/2010	Liuqing Chen	12/27/2010
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Name:</td><td>Taiyuan University of Technology</td></tr> <tr><td>Street Address:</td><td>79 West Yingze Street</td></tr> <tr><td>Internal Address:</td><td>Taiyuan</td></tr> <tr><td>City:</td><td>Shanxi</td></tr> <tr><td>State/Country:</td><td>CHINA</td></tr> <tr><td>Postal Code:</td><td>030024</td></tr> </table>		Name:	Taiyuan University of Technology	Street Address:	79 West Yingze Street	Internal Address:	Taiyuan	City:	Shanxi	State/Country:	CHINA	Postal Code:	030024				
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CORRESPONDENCE DATA																	
Fax Number: (610)407-0701 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 610-407-0700 Email: jhyliński@ratnerprestia.com Correspondent Name: Ling Zhong Address Line 1: 1235 Westlakes Drive Address Line 2: Suite 301 Address Line 4: Berwyn, PENNSYLVANIA 19312																	

OP \$40.00 13001151

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PATENT
REEL: 025632 FRAME: 0380

ATTORNEY DOCKET NUMBER:	SHH-100US
NAME OF SUBMITTER:	Ling Zhong
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif	

ASSIGNMENT - Patent ApplicationDocket Number: **SHCP-100US**

Whereas, the Assignor, comprising the following named inventors:

ASSIGNOR(s)/ INVENTOR(s)	1. Bingshe XU	2. Hua WANG
	3. Fangfang WEI	4. Huixia XU
	5. Xiaohong FANG	6. Yuying HAO
	7. Liuqing CHEN	8.
	9.	10.
	11.	12.

made an invention entitled: **8-HYDROXYQUINOLINE-BASED WHITE-LIGHT-EMITTING ORGANIC ELECTROLUMINESCENT MATERIAL**

for which an application for Letters Patent of the United States:

(Select one of the following):

- ☐ is executed concurrently herewith
- ☒ was filed in the U.S. Patent and Trademark Office on December 23, 2010 as U.S. Patent Application Serial No.: **13/001,151**

ASSIGNEE
(Full Name and Address)**TAIYUAN UNIVERSITY OF TECHNOLOGY**
79 West Yingze Street
Taiyuan
Shanxi 030024
P.R. China

is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor,

Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.

Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.


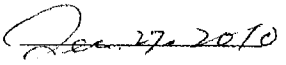
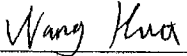
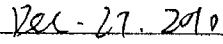
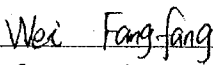
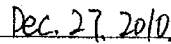
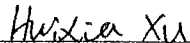
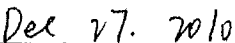
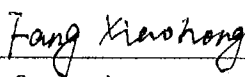
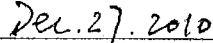
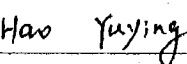
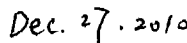
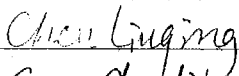
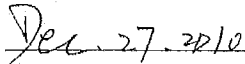
If the invention requires a biological deposit, Assignor also grants to Assignee such control over any deposit made by Assignor as may be necessary to the validity of the patent rights assigned herein.

ASSIGNMENT - Patent ApplicationDocket Number: **SHCP-100US**

Assignor authorizes Assignor's attorney to insert at the end hereof, the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney Docket or file designation for this application if not identified above.

If the Assignor includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

In witness whereof, this Assignment is executed on the day indicated below.

	Typed or Printed Name	Signature	Date
SIGNATURE	1. Bingshe XU	 Song Chunli * Witness to Assignor #1	 Dec. 27. 2010
	2. Hua WANG	 Song Chunli * Witness to Assignor #2	 Dec. 27. 2010
	3. Fangfang WEI	 Song Chunli * Witness to Assignor #3	 Dec. 27. 2010
	4. Huixia XU	 Song Chunli * Witness to Assignor #4	 Dec. 27. 2010
	5. Xiaohong FANG	 Song Chunli * Witness to Assignor #5	 Dec. 27. 2010
	6. Yuying HAO	 Song Chunli * Witness to Assignor #6	 Dec. 27. 2010
	7. Liuqing CHEN	 Song Chunli * Witness to Assignor #7	 Dec. 27. 2010

	Typed or Printed Name	Signature	Date
SIGNATURE	8.	_____	_____
		_____	_____
		* Witness to Assignor #8	
SIGNATURE	9.	_____	_____
		_____	_____
		* Witness to Assignor #9	
SIGNATURE	10.	_____	_____
		_____	_____
		* Witness to Assignor #10	

Application for United States Letters Patent:	
Serial No.:	<u>13/001,151</u>
Filed:	<u>12/23/2010</u>
Attorney Docket Number:	SCHP-100US
Total Number of Assignment Pages	<u>3</u> * Witness signature recommended, mandatory for some countries