

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Dong Young KIM</td> <td>09/04/2009</td> </tr> <tr> <td>Seong Mu JO</td> <td>09/04/2009</td> </tr> <tr> <td>Sung-Yeon JANG</td> <td>09/04/2009</td> </tr> <tr> <td>Byung-Hong LEE</td> <td>09/04/2009</td> </tr> <tr> <td>Hyun-Ju KIM</td> <td>09/04/2009</td> </tr> </tbody> </table>		Name	Execution Date	Dong Young KIM	09/04/2009	Seong Mu JO	09/04/2009	Sung-Yeon JANG	09/04/2009	Byung-Hong LEE	09/04/2009	Hyun-Ju KIM	09/04/2009
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CORRESPONDENCE DATA													
<p>Fax Number: (202)293-7860</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202-293-7060</p> <p>Email: bmurray@SUGHRUE.COM</p> <p>Correspondent Name: SUGHRUE MION, PLLC</p> <p>Address Line 1: 2100 PENNSYLVANIA AVENUE, N.W.</p> <p>Address Line 2: SUITE 800</p> <p>Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20037</p>													
ATTORNEY DOCKET NUMBER:	Q115246												
NAME OF SUBMITTER:	Sunhee Lee												

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PATENT
REEL: 023333 FRAME: 0770

Total Attachments: 1
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Assignment

Whereas, I/We, Dong Young KIM; Seong Mu JO; Sung-Yeon JANG; Byung-Hong LEE; and Hyun-Ju KIM of SinHyundai Apt. 1-1103, #65, Hoigi-dong, Dongdaemun-gu, Seoul 130-792, Republic of Korea; #177-14, Seongbuk-1-dong, Seongbuk-gu, Seoul 136-020, Republic of Korea; Boseong Hwangsil Town 103-1202, #2466-1, Namsan-4-dong, Jung-gu, Daegu 700-751, Republic of Korea; 18/5, #275-203, Bansong-3-dong, Haewoondae-gu, Busan 612-083, Republic of Korea; and Daelim Apt. 104-606, Yeonsu-3-dong, Yeonsu-gu, Incheon 406-711, Republic of Korea, hereinafter called assignor(s), have invented certain improvements in

DYE-SENSITIZED SOLAR CELL COMPRISING METAL OXIDE NANOBALL LAYER AND PREPARATION METHOD THEREOF

and executed an application for Letters Patent of the United States of America therefor on _____; and

Whereas, KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY of #39-1, Hawolgok-2-dong, Seongbuk-gu, Seoul 136-791, Republic of Korea

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 12/574,230 and Confirmation number 7747, filed 10-6-2009) the application number and filing date of said application when known.

Date: September 4, 2009 Dong Young Kim
s/ Dong Young KIM

Date: September 4, 2009 Seong Mu Jo
s/ Seong Mu JO

Date: September 4, 2009 Sung-Yeon Jang
s/ Sung-Yeon JANG

Date: September 4, 2009 Byung-Hong Lee
s/ Byung-Hong LEE

Date: September 4, 2009 Hyun Ju Kim
s/ Hyun-Ju KIM

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)