

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>Shin Ae JUN</td> <td>05/02/2012</td> </tr> <tr> <td>Eun Joo JANG</td> <td>05/02/2012</td> </tr> <tr> <td>In-Taek HAN</td> <td>05/02/2012</td> </tr> <tr> <td>Hyun A KANG</td> <td>05/02/2012</td> </tr> <tr> <td>Hyo Sook JANG</td> <td>05/02/2012</td> </tr> <tr> <td>Sang Eui LEE</td> <td>05/02/2012</td> </tr> <tr> <td>Soo-Kyung KWON</td> <td>05/02/2012</td> </tr> </tbody> </table>		Name	Execution Date	Shin Ae JUN	05/02/2012	Eun Joo JANG	05/02/2012	In-Taek HAN	05/02/2012	Hyun A KANG	05/02/2012	Hyo Sook JANG	05/02/2012	Sang Eui LEE	05/02/2012	Soo-Kyung KWON	05/02/2012
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CORRESPONDENCE DATA																	
Fax Number:	(860)286-0115																
Phone:	860-286-2929																
Email:	jwhitman@cantorcolburn.com																
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>																	
Correspondent Name:	Cantor Colburn LLP																
Address Line 1:	20 Church Street																
Address Line 2:	22nd Floor																
Address Line 4:	Hartford, CONNECTICUT 06103																
ATTORNEY DOCKET NUMBER:	PNK0903US																

OP \$40.00 13467525

NAME OF SUBMITTER:

Grant M. Ehrlich

Total Attachments: 2

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## ASSIGNMENT

WHEREAS WE, **Shin Ae JUN** 101-104, Kkachi Maeul 1-danji Lotte Apt., Gumi-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea; **Eun-Joo JANG** 301-1605, Dongsuwon LG Village 3-cha, Mangpo-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea; **In-Taek HAN** 1-702, Anam Apt., 1641-13, Seocho-dong, Seocho-gu, Seoul, Republic of Korea; **Hyun-A KANG** 946-2009, Byeokjeokgol Lotte Apt., Yeongtong-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea; **Hyo-Sook JANG** 406, Dormitory of Samsung Advanced Institute of Technology, Nongseo-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea; **Sang Eui LEE** 861-1301, Jayeon n Desian Apt., Supsok Maeul, Neung-dong, Hwaseong-si, Gyeonggi-do, Korea and **Soo-Kyung KWON** 106-201, Kukdong Apt., Sadang 2-dong, Dongjak-gu, Seoul, Republic of Korea (hereinafter collectively referred to as the “**ASSIGNORS**”), have invented certain new and useful improvements in:

### **CASE INCLUDING SEMICONDUCTOR NANOCRYSTALS, AND OPTOELECTRONIC DEVICE INCLUDING THE SAME**

(hereinafter referred to as the “**INVENTION**”) which claims priority to Korean Application No. 10-2011-0092084, filed on 9 September 2011; and for which we are about to file an application for a United States Patent (hereinafter collectively referred to as the “**APPLICATIONS**”);

AND WHEREAS, **SAMSUNG ELECTRONICS CO., LTD.** (hereinafter referred to as “**ASSIGNEE**”), a corporation organized and existing under the laws of the Country of KOREA, having a place of business at **416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea**, is desirous of acquiring an interest in any and all countries, in and to the **INVENTION**, the **APPLICATIONS**, and any and all Patents to be obtained therefor;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, we, the **ASSIGNORS**, have assigned and transferred, and hereby assign and transfer unto **ASSIGNEE**, the entire right, title and interest in and to the **INVENTION**, the **APPLICATIONS**, and any and all Patents that may be issued therefrom, in any and all countries, including any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to **ASSIGNEE**; and we do hereby agree that

we will execute all papers necessary in connection with any and all patent applications when called upon to do so by ASSIGNEE, its successors or assigns, and that we will, at the cost and expense of ASSIGNEE, fully assist and cooperate in all matters in connection with any and all patent applications and Patents issuing thereon.

The undersigned declare that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the APPLICATIONS or any Patents issuing thereon.

Date: 2012.5.2 Shin Ae Jun L.S.  
Shin Ae JUN

Date: 2012.5.2 Eun Joo JANG L.S.  
Eun Joo JANG

Date: 2012.5.2 In-Taek HAN L.S.  
In-Taek HAN

Date: 2012.5.2 Hyun A KANG L.S.  
Hyun A KANG

Date: 2012.5.2 Hyo Sook JANG L.S.  
Hyo Sook JANG

Date: 2012.5.2 Sang-eui Lee L.S.  
Sang Eui LEE

Date: 2012.5.2 Soo Kyung KWON L.S.  
Soo-Kyung KWON