

## PATENT ASSIGNMENT

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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>Eun Joo JANG</td> <td>01/11/2012</td> </tr> <tr> <td>Shin Ae JUN</td> <td>01/11/2012</td> </tr> <tr> <td>Hyun A KANG</td> <td>01/11/2012</td> </tr> <tr> <td>Hyo Sook JANG</td> <td>01/11/2012</td> </tr> <tr> <td>Soo-Kyung KWON</td> <td>01/11/2012</td> </tr> </tbody> </table>		Name	Execution Date	Eun Joo JANG	01/11/2012	Shin Ae JUN	01/11/2012	Hyun A KANG	01/11/2012	Hyo Sook JANG	01/11/2012	Soo-Kyung KWON	01/11/2012
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Soo-Kyung KWON	01/11/2012												
RECEIVING PARTY DATA													
Name:	SAMSUNG ELECTRONICS CO., LTD.												
Street Address:	416, Maetan-dong, Yeongtong-gu												
City:	Suwon-si, Gyeonggi do												
State/Country:	REPUBLIC OF KOREA												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13351966</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13351966								
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Application Number:	13351966												
CORRESPONDENCE DATA													
Fax Number:	(860)286-0115												
Phone:	8602862929												
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<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												
Address Line 1:	20 Church Street												
Address Line 4:	Hartford, CONNECTICUT 06103												
ATTORNEY DOCKET NUMBER:	PNK0875US												
NAME OF SUBMITTER:	Leah M. Reimer												
Total Attachments: 2 source=65X6087#page1.tif source=65X6087#page2.tif													

OP \$40.00 13351966

ASSIGNMENT

WHEREAS WE, **Eun Joo JANG** of 301-1605, Dongsuwon LG Village 3-cha, Mangpo-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea; **Shin Ae JUN** of 101-104, Kkachi Maeul 1-danji Lotte Apt., Gumi-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea; **Hyun A KANG** of 946-2009, Byeokjeokgol Lotte Apt., Yeongtong-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea; **Hyo Sook JANG** of 406, Dormitory of Samsung Advanced Institute of Technology, Nongseo-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea; and **Soo-Kyung KWON** of 106-201, Kukdong Apt., Sadang 2-dong, Dongjak-gu, Seoul, Republic of Korea (collectively hereinafter referred to as the "ASSIGNORS"), have invented certain new and useful improvements in:

**OPTOELECTRONIC DEVICE AND STACKING STRUCTURE**

(hereinafter referred to as the "INVENTION") which claims priority to Korean Application No. 10-2011-0056483, filed on 10 June 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: 2012-1-11 \_\_\_\_\_  
Jun Joo Jang \_\_\_\_\_ L.S.  
**Eun Joo JANG**

Date: 2012-1-11 \_\_\_\_\_  
Shin Ae Jun \_\_\_\_\_ L.S.  
**Shin Ae JUN**

Date: 2012-1-11 \_\_\_\_\_  
Hyun Kang \_\_\_\_\_ L.S.  
**Hyun KANG**

Date: 2012-1-11 \_\_\_\_\_  
Jang Hyosok \_\_\_\_\_ L.S.  
**Hyo Sook JANG**

Date: 2012-1-11 \_\_\_\_\_  
Soo Kyung Kwon \_\_\_\_\_ L.S.  
**Soo-Kyung KWON**