

## 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>Hyun A KANG</td> <td>05/02/2012</td> </tr> <tr> <td>Young Hwan KIM</td> <td>05/02/2012</td> </tr> <tr> <td>Eun Joo JANG</td> <td>05/02/2012</td> </tr> <tr> <td>Shin Ae JUN</td> <td>05/02/2012</td> </tr> <tr> <td>Hyo Sook JANG</td> <td>05/02/2012</td> </tr> </tbody> </table>		Name	Execution Date	Hyun A KANG	05/02/2012	Young Hwan KIM	05/02/2012	Eun Joo JANG	05/02/2012	Shin Ae JUN	05/02/2012	Hyo Sook JANG	05/02/2012
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<table border="1"> <tr> <td>Name:</td> <td>SAMSUNG ELECTRONICS CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>416, Maetan-dong, Yeongtong-gu</td> </tr> <tr> <td>City:</td> <td>Suwon-si, Gyeonggi do</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> </table>		Name:	SAMSUNG ELECTRONICS CO., LTD.	Street Address:	416, Maetan-dong, Yeongtong-gu	City:	Suwon-si, Gyeonggi do	State/Country:	KOREA, REPUBLIC OF				
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CORRESPONDENCE DATA													
<p>Fax Number: (860)286-0115</p> <p>Phone: 8602862929</p> <p>Email: Newings@cantorcolburn.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Cantor Colburn LLP</p> <p>Address Line 1: 20 Church Street</p> <p>Address Line 4: Hartford, CONNECTICUT 06103</p>													
ATTORNEY DOCKET NUMBER:	PNK0891US												
NAME OF SUBMITTER:	Leah M. Reimer												
<p>Total Attachments: 2</p> <p>source=6A69051#page1.tif</p> <p>source=6A69051#page2.tif</p>													

OP \$40.00 13467763

**ASSIGNMENT**

WHEREAS WE, **Hyun A KANG** of 946-2009, Byeokjeokgol Lotte Apt., Yeongtong-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea; **Young Hwan KIM** of 602-3404, Parkview, Jeongja-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea; **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; and **Hyo Sook JANG** of 406, Dormitory of Samsung Advanced Institute of Technology, Nongseo-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea (hereinafter collectively 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. 10-2011-0047957, filed on 20 May 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

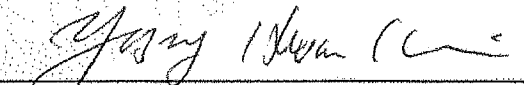
of ASSIGNEE, fully assist and cooperate in all matters in connection with any and all patent applications and Patents issuing thereon.

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.

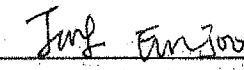
Date: 2012.05.02 \_\_\_\_\_ L.S.

  
Hyun A KANG

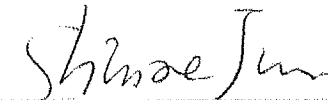
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