

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>Jeong-Hoon SEOL</td> <td>08/28/2012</td> </tr> <tr> <td>Youn-Kwon JUNG</td> <td>08/28/2012</td> </tr> <tr> <td>Sang-kun KIM</td> <td>08/28/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jeong-Hoon SEOL	08/28/2012	Youn-Kwon JUNG	08/28/2012	Sang-kun KIM	08/28/2012
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<table border="1"> <tr> <td>Name:</td> <td>SAMSUNG TECHWIN CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>28 Sungju-dong, Kyongsangnam-do</td> </tr> <tr> <td>City:</td> <td>Changwon-city</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> </table>		Name:	SAMSUNG TECHWIN CO., LTD.	Street Address:	28 Sungju-dong, Kyongsangnam-do	City:	Changwon-city	State/Country:	KOREA, REPUBLIC OF
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CORRESPONDENCE DATA									
<p>Fax Number: 2022937860</p> <p>Phone: 202-293-7060</p> <p>Email: sughrue@sughrue.com, ahamilton@sughrue.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: 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:	Q141594								
NAME OF SUBMITTER:	Alexandra Hamilton - Teams Specialist								
<p>Total Attachments: 1</p> <p>source=Assignment_executed#page1.tif</p>									

OP \$40.00 13603959

Assignment

Whereas, We, Jeong-Hoon SEOL of Changwon-city, Republic of Korea; Youn-Kwon JUNG of Changwon-city, Republic of Korea; and Sang-Kun KIM of Changwon-city, Republic of Korea, respectively, hereinafter called assignors, have invented certain improvements in PRINTED CIRCUIT BOARD AND METHOD OF MANUFACTURING THE SAME and executed an application for Letters Patent of the United States of America therefor on _____; and

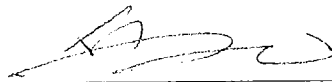
Whereas, SAMSUNG TECHWIN CO., LTD. of 28 Sungju-dong, Changwon-city, Kyongsangnam-do, Republic of Korea (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

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

We, the above named assignors, 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 all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. § 119, and 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 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.

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 _____ and Confirmation number _____, filed _____) the application number, confirmation number and filing date of said application when known.

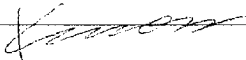
Date:



28 August 2012

s/Jeong-Hoon SEOL

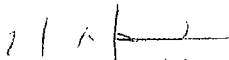
Date:



28 August 2012

s/Youn-Kwon JUNG

Date:



28 August 2012

s/Sang-kun KIM

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