

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>Heung-Kyu KWON</td> <td>06/28/2012</td> </tr> <tr> <td>Young-Bae KIM</td> <td>06/28/2012</td> </tr> <tr> <td>Yun-Hee LEE</td> <td>06/28/2012</td> </tr> </tbody> </table>		Name	Execution Date	Heung-Kyu KWON	06/28/2012	Young-Bae KIM	06/28/2012	Yun-Hee LEE	06/28/2012
Name	Execution Date								
Heung-Kyu KWON	06/28/2012								
Young-Bae KIM	06/28/2012								
Yun-Hee LEE	06/28/2012								
RECEIVING PARTY DATA									
Name:	Samsung Electronics Co., Ltd.								
Street Address:	129, Samsung-ro								
Internal Address:	Yeongtong-gu, Suwon-si								
City:	Gyeonggi-do, 443-742								
State/Country:	KOREA, REPUBLIC OF								
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>13550921</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13550921				
Property Type	Number								
Application Number:	13550921								
CORRESPONDENCE DATA									
Fax Number:	(919)854-1401								
Phone:	919-854-1400								
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Correspondent Name:	MYERS BIGEL SIBLEY & SAJOVEC								
Address Line 1:	PO BOX 37428								
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ATTORNEY DOCKET NUMBER:	5649-3472								
NAME OF SUBMITTER:	Tracy Wallace								
<p>Total Attachments: 5 source=5649_3472_assignment#page1.tif source=5649_3472_assignment#page2.tif source=5649_3472_assignment#page3.tif source=5649_3472_assignment#page4.tif source=5649_3472_assignment#page5.tif</p>									

CH \$40.00 13550921

ASSIGNMENT

THIS ASSIGNMENT, made by us, Heung-Kyu KWON, citizen of the Republic of Korea, residing at 106-601, Parktown Daclim Apt., Sunae-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea; Young-Bae KIM, citizen of the Republic of Korea, residing at 332-2102, Sibeom Dacunmaeul World Meridian Bando Yubora Apt., Bansong-dong, Hwaseong-si, Gyeonggi-do, Republic of Korea; and Yun-Hee LEE, citizen of the Republic of Korea, residing 897-602, Supsohmaeul Poongsung Shinmiju Apt., Neung-dong, Hwaseong-si, Gyeonggi-do, Republic of Korea;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in *SEMICONDUCTOR PACKAGES INCLUDING A PLURALITY OF UPPER SEMICONDUCTOR DEVICES ON A LOWER SEMICONDUCTOR DEVICE*, for which an application for United States Letters Patent has been filed, or is being filed concurrently, in the United States Patent and Trademark Office. We hereby authorize and request Myers Bigel Sibley & Sajovec, P.A., to insert here in parentheses (Application No. 13/550,921, filed 7/17/12) the filing date and application number of said application when known or to file this Assignment concurrently with the application, and

WHEREAS, Samsung Electronics Co., Ltd., a Korean corporation having a principal place of business at 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-742, Republic of Korea, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer and convey unto the said assignee, its successors and assigns, the entire right, title and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefore or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as

ASSIGNMENT – CONTINUED

fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.


We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to bind our heirs, legal representatives and assigns, promptly to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns and other legal representatives.

ASSIGNMENT - CONTINUED

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 27 day
of June, 2012



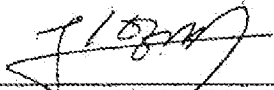
Heung-Kyu KWON

Witnessed by:

Date: _____

ASSIGNMENT - CONTINUED

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 28 day
of June, 2012.



Young-Bae KIM

Witnessed by:

Date: _____

ASSIGNMENT - CONTINUED

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 28 day
of June, 2012.

이문희
Yun-Hee LEE

Witnessed by:

Date: _____