

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>CHUL PARK</td> <td>08/31/2012</td> </tr> <tr> <td>SUN-WON KANG</td> <td>08/31/2012</td> </tr> <tr> <td>KIL-SOO KIM</td> <td>08/31/2012</td> </tr> <tr> <td>JOONG-HYUN BAEK</td> <td>08/31/2012</td> </tr> </tbody> </table>		Name	Execution Date	CHUL PARK	08/31/2012	SUN-WON KANG	08/31/2012	KIL-SOO KIM	08/31/2012	JOONG-HYUN BAEK	08/31/2012		
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<table border="1"> <tr> <td>Name:</td> <td>Samsung Electronics Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>129, Samsung-ro, Yeongtong-gu</td> </tr> <tr> <td>Internal Address:</td> <td>Suwon-si</td> </tr> <tr> <td>City:</td> <td>Gyeonggi-do</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> <tr> <td>Postal Code:</td> <td>443-742</td> </tr> </table>		Name:	Samsung Electronics Co., Ltd.	Street Address:	129, Samsung-ro, Yeongtong-gu	Internal Address:	Suwon-si	City:	Gyeonggi-do	State/Country:	KOREA, REPUBLIC OF	Postal Code:	443-742
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CORRESPONDENCE DATA													
<p>Fax Number: 9198541401 Phone: 919-854-1400 Email: kcarlos@myersbigel.com <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: MYERS BIGEL SIBLEY & SAJOVEC/ksc Address Line 1: PO BOX 37428 Address Line 4: RALEIGH, NORTH CAROLINA 27627</p>													
ATTORNEY DOCKET NUMBER:	5649-3514												
NAME OF SUBMITTER:	Kirsten S. Carlos												

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Total Attachments: 5

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ASSIGNMENT

THIS ASSIGNMENT, made by us, **CHUL PARK**, citizen of the Republic of Korea, residing at Suite 203, Saint Vill, 872-8, Jinan-dong, Hwaseong-si, Gyeonggi-do, Rep. of Korea; **SUN-WON KANG**, citizen of the Republic of Korea, residing at 324-1503, Sangnokmaeul Woosung Apt., Jeongja-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, Rep. of Korea; **KIL-SOO KIM**, citizen of the Republic of Korea, residing at 107-1506, Pungseong Sinmiju Apt., Osan-ri, Dongtan-myeon, Hwaseong-si, Gyeonggi-do, Rep. of Korea; and **JOONG-HYUN BAEK**, citizen of the Republic of Korea, residing at 6406-2002, 100, Central Park-ro, Iui-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Rep. of Korea;

WITNESSETH: That,

WHEREAS, we are joint inventors of certain new and useful improvements in **INTEGRATED CIRCUIT PACKAGES HAVING REDISTRIBUTION STRUCTURES** for which U.S. Application No. 13/610,077 was filed on September 11, 2010 in the United States Patent and Trademark Office; 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 therefor 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 fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

ASSIGNMENT - CONTINUED

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.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 31 day of Aug, 2012.

Chul Park (SEAL)
CHUL PARK

Witnessed by:

Date: _____

ASSIGNMENT - CONTINUED

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 21st day
of August, 2012.

Sun-won Kang (SEAL)
SUN-WON KANG

Witnessed by:

Date: _____

ASSIGNMENT - CONTINUED

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 31 day
of Aug, 20 12.



KIL-SOO KIM (SEAL)

Witnessed by:

Date: _____

ASSIGNMENT - CONTINUED

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 31 day
of Aug, 2012.

JoongHyun Baek (SEAL)
JOONG-HYUN BAEK

Witnessed by:

Date: _____