

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Li Ming</td> <td>08/19/2011</td> </tr> <tr> <td>Sangpil Sim</td> <td>08/19/2011</td> </tr> <tr> <td>Kang-III Seo</td> <td>08/19/2011</td> </tr> <tr> <td>Changwoo Oh</td> <td>08/19/2011</td> </tr> <tr> <td>Dongil Bae</td> <td>08/19/2011</td> </tr> </tbody> </table>		Name	Execution Date	Li Ming	08/19/2011	Sangpil Sim	08/19/2011	Kang-III Seo	08/19/2011	Changwoo Oh	08/19/2011	Dongil Bae	08/19/2011
Name	Execution Date												
Li Ming	08/19/2011												
Sangpil Sim	08/19/2011												
Kang-III Seo	08/19/2011												
Changwoo Oh	08/19/2011												
Dongil Bae	08/19/2011												
RECEIVING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Samsung Electronics Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>416 Maetan-dong</td> </tr> <tr> <td>Internal Address:</td> <td>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> <tr> <td>Postal Code:</td> <td>000</td> </tr> </table>		Name:	Samsung Electronics Co., Ltd.	Street Address:	416 Maetan-dong	Internal Address:	Yeongtong-gu	City:	Suwon-si, Gyeonggi-do	State/Country:	KOREA, REPUBLIC OF	Postal Code:	000
Name:	Samsung Electronics Co., Ltd.												
Street Address:	416 Maetan-dong												
Internal Address:	Yeongtong-gu												
City:	Suwon-si, Gyeonggi-do												
State/Country:	KOREA, REPUBLIC OF												
Postal Code:	000												
PROPERTY NUMBERS Total: 1													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13218547</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13218547								
Property Type	Number												
Application Number:	13218547												
CORRESPONDENCE DATA													
<p>Fax Number: (919)854-1401 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 9198541400 Email: mmcmahan@myersbigel.com Correspondent Name: Michele P. McMahan Address Line 1: 4140 Parklake Avenue Address Line 4: Raleigh, NORTH CAROLINA 27612</p>													
ATTORNEY DOCKET NUMBER:	5649-3320												
NAME OF SUBMITTER:	Michele P. McMahan												

CH \$40.00 13218547

501639217

PATENT
 REEL: 026812 FRAME: 0847

Total Attachments: 6

source=5649-3320-Assignment#page1.tif

source=5649-3320-Assignment#page2.tif

source=5649-3320-Assignment#page3.tif

source=5649-3320-Assignment#page4.tif

source=5649-3320-Assignment#page5.tif

source=5649-3320-Assignment#page6.tif

PATENT

REEL: 026812 FRAME: 0848

ASSIGNMENT

THIS ASSIGNMENT, made by us, **LiMing**, citizen of Gabon, residing at 551-503, Sinnamusil 5 danji Apt., Yeongtong-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea; **Sangpil Sim**, citizen of the Republic of Korea, residing at 116-702, Hansol Maeul Cheonggu Apt., Jeongja-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea; **Kang-Ill Seo**, citizen of the Republic of Korea, residing at 303-804, Yangji Maeul Kumho 3 danji Apt., Sunae-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea; **Changwoo Oh**, citizen of the Republic of Korea, residing at 439-206, Samsung Raemian Apt., 1046-1, Yeongtong-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea; and **Dongil Bae**, citizen of the Republic of Korea, residing at 509-1804, Jugong Apt., Bugae 3-dong, Bupyeong-gu, Incheon, Republic of Korea;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **METHODS OF FABRICATING DEVICES INCLUDING SOURCE/DRAIN REGION WITH ABRUPT JUNCTION PROFILE** 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. _____, filed _____) 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 416 Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, 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 thereafter, on the full

ASSIGNMENT - CONTINUED

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.

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 19th day of Aug., 2011.

Li Ming (SEAL)
LiMing

Witnessed by:

Date: _____



ASSIGNMENT - CONTINUED

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 19th day
of Aug., 2011.

Sangpil Sim (SEAL)
Sangpil Sim

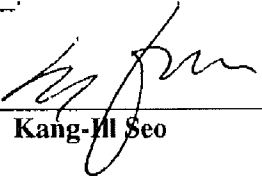
Witnessed by:

Date: _____



ASSIGNMENT - CONTINUED

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 18 day
of August, 2011.



Kang-Hi Seo (SEAL)

Witnessed by:

Date: _____



ASSIGNMENT - CONTINUED

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 17 day
of August, 2011.

Changwoo Oh (SEAL)
Changwoo Oh

Witnessed by:

Date: _____



