

## PATENT ASSIGNMENT

Electronic Version v1.1

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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>Ji-Young Min</td><td>12/02/2008</td></tr><tr><td>Si-Hyung Lee</td><td>12/02/2008</td></tr><tr><td>Heedon Hwang</td><td>12/02/2008</td></tr><tr><td>Si-Young Choi</td><td>12/02/2008</td></tr><tr><td>Sangbom Kang</td><td>12/08/2008</td></tr><tr><td>Dongsoo Woo</td><td>01/29/2008</td></tr></tbody></table>	Name	Execution Date	Ji-Young Min	12/02/2008	Si-Hyung Lee	12/02/2008	Heedon Hwang	12/02/2008	Si-Young Choi	12/02/2008	Sangbom Kang	12/08/2008	Dongsoo Woo	01/29/2008	
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Sangbom Kang	12/08/2008														
Dongsoo Woo	01/29/2008														
RECEIVING PARTY DATA															
Name:	Samsung Electronics Co., Ltd.														
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City:	Suwon-si, Gyeonggi-do														
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>12251054</td></tr></tbody></table>	Property Type	Number	Application Number:	12251054											
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Application Number:	12251054														
CORRESPONDENCE DATA															
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ATTORNEY DOCKET NUMBER:	8729-300/FC														
NAME OF SUBMITTER:	Frank Chau														

OP \$40.00 12251054

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PATENT  
REEL: 022175 FRAME: 0574

**Total Attachments: 4**

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**PATENT**

**REEL: 022175 FRAME: 0575**

## ASSIGNMENT

DOCKET NO.: 8729-300

AS A BELOW NAMED INVENTOR, I, and each of us, individually hereby declare that: IN CONSIDERATION of the sum of TEN (\$10.00) dollars or the equivalent thereof, and other good and valuable consideration, the receipt of which from the hereinafter named Assignee is hereby acknowledged, I do hereby sell, assign and forever grant and convey unto:

**ASSIGNEE:** Samsung Electronics Co., Ltd.

**ADDRESS:** 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, KOREA

Who is my Assignee, and to the successes and assigns of my Assignee, all my right, title and interest, in and for the United States of America and all other countries, including all rights of priority, in and to the invention entitled:

**TITLE:** RECESS GATE TRANSISTOR

invented by me (*if only one inventor is named below*) or us (*if more than one inventor is named below*) and described in an application for a United States patent the specification of which is either attached hereto or otherwise accompanies this Assignment or indicates an attorney docket no. 8729-300, or is more particularly identified as:

G      executed on even date herewith, or

®      Serial No. 12/251,054 filed in the U.S. Patent & Trademark Office on October 14, 2008,  
or

G      executed on \_\_\_\_\_,

and in and to all United States patents which may be granted thereon and therefore, and in and to all certificates of corrections, divisions, continuations, continuations-in-part, reissued and re-examined patents, and to any extensions thereof, said interest being the entire ownership of the patent when granted, to be held and enjoyed by said **SAMSUNG ELECTRONICS CO., LTD.**, my Assignee, its successors, assigns or other legal representatives, to the full end of the term, terms, or any extension or renewal thereof, for which said patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment, sale and conveyance had not been made;

AND I hereby covenant and agree to sign and execute any further documents or instruments which may from time-to-time be either necessary, lawful, proper or requested by the Assignee, in the prosecution of the above-named application or in the preparation and prosecution of any certificate of correction, division, continuation, continuation-in-part, reissue, re-examination, in any amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said Assignee;

AND I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Patent or Patents to the Assignee, and I hereby appoint as my, or our attorney, and authorize and request Frank Chau, Reg. No. 34,136, to insert on this Assignment any further identification or to complete such identification which may be either necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, I and we have set our hands and seals on the dates written beside my and our respective names:

**INVENTOR(S)**

**Date Signed**

1) 민지영  
Ji-Young Min

2008. 12. 02

2) 이희영  
Si-Hyung Lee

12/02/08

3) 황희돈  
Heedon Hwang

12/02/08

4) 최시영  
Si-Young Choi

12/02/08

5) \_\_\_\_\_  
Sangbom Kang

\_\_\_\_\_

IN WITNESS WHEREOF, I and we have set our hands and seals on the dates written beside my and our respective names:

<u>INVENTOR(S)</u>	<u>Date Signed</u>
1) _____ Ji-Young Min	_____
2) _____ Si-Hyung Lee	_____
3) _____ Heedon Hwang	_____
4) _____ Si-Young Choi	_____
5) <u>Sangbom Kang</u> Sangbom Kang	<u>12/08/08</u>

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<u>INVENTOR(S)</u>	<u>Date Signed</u>
1) _____ Ji-Young Min	_____
2) _____ Si-Hyung Lee	_____
3) _____ Heedon Hwang	_____
4) _____ Si-Young Choi	_____
5) _____ Sangbom Kang	_____
6) <u>Dongsoo Woo</u> Dongsoo, WOO	<u>1/29/2009</u>