

PATENT APPLICATION
Docket No. 8750-107
Client No. SPX200312-0013US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Please record the attached original document or copy thereof and return the recorded instrument to the undersigned.

1. Name of party(ies) conveying an interest: Jin-Woo LEE, Tae-Young CHUNG,
and Yong-Sung KIM
2. Name and address of party(ies) receiving an interest: Samsung Electronics Co., Ltd.
416 Maetan-dong, Yeongtong-gu,
Suwon-si, Gyeonggi-do
Korea (South)
3. Description of the interest conveyed:
☒ Assignment ☐ Change of Name ☐ Security Agreement ☐ Merger
Date of execution of attached document: January 31, 2005 and February 1, 2005
4. Application number(s) or patent number(s). Additional sheet attached? Yes ___ No X
If this document is being filed together with a new application, the execution date of the application is:
Patent Application No. 11/054,104, filed on 08 Feb 2005
5. Name and address of party to whom correspondence concerning document should be mailed:
MARGER JOHNSON & McCOLLOM, P.C.
1030 S.W. Morrison Street
Portland, Oregon 97205
Telephone: (503) 222-3613
6. Number of applications and patents involved: 1
7. PTO Form 2038 authorizing credit card payment (\$40) is enclosed.
8. Any deficiency or overpayment should be charged or credited to deposit account number 13-1703.
9. A copy of the Limited Recognition Under 37 CFR § 10.9(b) form
10. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Dated: April 7, 2005

Respectfully submitted,
MARGER JOHNSON & McCOLLOM, P.C.

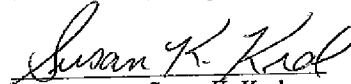

Hosoon Lee
Limited Recognition Under 37 CFR § 10.9(b)

MARGER JOHNSON & McCOLLOM, P.C.
1030 SW Morrison Street
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Total number of pages comprising
cover sheet and attached assignment: 3

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Susan K. Kral

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ASSIGNMENT

U.S.A. Patent Application
Sole or Joint
For Inventions Made Outside U.S.A.
Executed With Application

In consideration of the sum of Ten Dollars (10.00) and other good and valuable considerations paid to each of the undersigned, to wit:

- (1) Jin-Woo LEE
- (2) Tae-Young CHUNG
- (3) Yong-Sung KIM

☐ X if continued on separate page

the receipt and sufficiency of which are hereby acknowledged by the undersigned who hereby sell(s), assign(s) and transfer(s) unto:

SAMSUNG ELECTRONICS CO., LTD.
416 MAETAN-DONG, YEONGTONG-GU
SUWON-SI, GYEONGGI-DO
REPUBLIC OF KOREA

(hereinafter designated "ASSIGNEE") the entire right, title and interest in and to the invention as defined in 35 USC §100, for the United States of America, the invention entitled:

TRANSISTORS HAVING A CHANNEL REGION BETWEEN CHANNEL-PORION HOLES AND METHODS OF FORMING THE SAME

for which an application for Letters Patent of the United States of America has been executed even date herewith by the undersigned, and in and to any and all divisionals, continuations, substitutes, and reissues thereof; and all resulting patents and the undersigned hereby authorizes and requests the United States Assistant Commissioner of Patents to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

And the undersigned hereby agrees to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

Please sign
concurrently
with Oath or Declaration
and Power of Attorney

SIGNED ON THE DATES INDICATED BESIDE OUR SIGNATURES:

<u>INVENTOR(S)</u>	<u>DATE SIGNED</u>	<u>WITNESSED</u>
(1) <u>Jinwoo Lee</u> Jin-Woo LEE	<u>05/01/01</u>	_____
(2) <u>TaeYoung Chung</u> Tae-Young CHUNG	<u>2005/01/31</u>	_____
(3) <u>Yong Sung Kim</u> Yong-Sung KIM	<u>2005.02.01</u>	_____

PLEASE RETURN RECORDED ASSIGNMENT TO:

Alan T. McCollom
Marger Johnson & McCollom
1030 S.W. Morrison Street
Portland, OR 97205


BEFORE THE OFFICE OF ENROLLMENT AND DISCIPLINE
UNITED STATES PATENT AND TRADEMARK OFFICE

LIMITED RECOGNITION UNDER 37 CFR § 10.9(b)

Hosoon Lee is hereby given limited recognition under 37 CFR § 10.9(b), as an employee of the law firm of Marger Johnson & McCollom, PC, to prepare and prosecute patent applications wherein the patent applicant is a client of the law firm of Marger Johnson & McCollom, PC, and a registered practitioner, who is a member of the law firm of Marger Johnson & McCollom, PC, is the practitioner of record in the application. This limited recognition shall expire on the date appearing below, or when whichever of the following events first occurs prior to the date appearing below: (i) Hosoon Lee ceases to lawfully reside in the United States, (ii) Hosoon Lee's employment with the law firm of Marger Johnson & McCollom, PC, ceases or is terminated, or (iii) Hosoon Lee ceases to remain or reside in the United States, authorized to be employed by an Employment Authorization Card issued pursuant to 8 CFR § 274a.12(c)(9).

This document constitutes proof of such limited recognition. The original of this document is on file in the Office of Enrollment and Discipline of the U.S. Patent and Trademark Office.

Expires: July 16, 2005



Harry I. Moatz
Director of Enrollment and Discipline