4. Application number(s) or patent number(s):

5. Name and address of party to whom correspondence

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concerning document should be mailed:

State: VA

John A. Castellano/35,094

Name of Person Signing/Reg. No.

Name: HARNESS, DICKEY & PIERCE, P.L.C.

A. Patent Application No(s).

Street Address: P.O. BOX 8910

9. Statement and signature.

of the original document.

11/149,153

City: **RESTON** 

Country: USA

Arademarks: 2. Name and address of receiving party(ies) Name: SAMSUNG ELECTRONICS CO., LTD., Street Address: 416 Maetan-dong, Yeongtong-gu City: Suwon-si, Gyeonggi-do Country: Republic of KOREA Additional name(s) & address(es) attached? 

YES 

NO If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s). Additional numbers attached? YES NO 6. Total No. of applications/patents involved: One (1) 7. Total fee (37 C.F.R. § 3.41): \$40.00 Authorized to be charged to deposit account, if no fee attached. 8. Deposit account number: 08-0750 (Attach triplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy November 10, 2005 Signature Total number of pages including/cover sheet, attachments, and document: Six (6)

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RECC	THE THE T	g. 5
To the Hono 1030 Please record the attached orig	22831emarks:	
Name of conveying party(ies):	2. Name and address of receiv	ing party(ies)
1. Sung-Lae CHO	Name: SAMSUNG ELE	CTRONICS CO., LTD.,
2. Horii HIDEKI	Street Address: 416 Maet	an-dong, Yeongtong-gu
Additional name(s) of conveying party(ies) attached?  YES NO	City: Suwon-si, Gyeong;	gi-do
3. Nature of conveyance:	Country: Republic of KC	REA
☐ Assignment ☐ Merger ☐ Security Agreement	-	
☐ Change of Name ☐ Other:	Additional name(s) & address	(es) attached? TYES X NO
Execution Date: 1. May 17, 2005 and 2. May 17, 2005, respectively	,	
If this document is being filed together with a new application, the		May 17, 2005 and May 17, 2005
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Atty. Docket No.: 2421-000043/US

## **ASSIGNMENT**

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented: SEMICONDUCTOR DEVICE AND METHOD OF FABRICATING THE SAME for which Assignor is about to make or has made United States or International application for executed on even date preparatory to filing (each inventor should sign (a) this Assignment on the same day as he/she signs the Declaration and Power of Attomey); (b) executed on \_\_\_\_\_, \_\_ \_\_; ar filed on \_\_\_\_\_ and assigned Serial No. \_\_\_\_ or PCT International (c) Application No. \_\_\_\_; U.S. Patent No. \_\_\_\_\_ issued \_\_\_\_ ; and (d)

WHEREAS, SAMSUNG ELECTRONICS CO., LTD, 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea, hereinafter referred to as Assignee, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to recover for past infringements of, or liabilities for, any of the rights relating to any of said applications or patents resulting therefrom;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue said Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

The undersigned hereby grant(s) the law firm of Harness, Dickey & Pierce, P.L.C. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

Page 1 of 2

Atty. Docket No.: 2421-000043/US

**ASSIGNMENT** 

Sung-Lae CHO

05/17/2005

Dated

Horii HIDEKI

05/17/2005

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Page 2 of 2

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