10-05-2006

Atty. Docket No.: 8947-000201/US

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	ner of Patents and Trademarks: inal documents or copy thereof.	
Name of conveying party(ies):	2. Name and address of receiving party(ies)	
1. Cha-Won KOH	Name: SAMSUNG ELECTRONICS CO., LTD.	
2. Yool KANG	Street Address: 416 Maetan-dong, Yeongtong-gu	
3. Sang-Gyun WOO	City: Suwon-si State: Gyeonggi-do	
4. Seok-Hwan OH	Country: Republic of Korea	
5. Gi-Sung YEO		
6. Ji-Young LEE	Additional name(s) & address(es) attached?   YES NO	
Additional name(s) of conveying party(ies) attached?  YES NO		
3. Nature of conveyance:	16/ย2/2006 พพธิยา2-1 2008854 11529310	
Assignment Merger Security Agreement	වර සිටස්සිස්ස් <b>( 48.වී</b> ස් රූ	
Change of Name Other:		
Execution Date: 1. September 19, 2006; 2. September 26, 2006; 3. September 26, 2006; 4. September 22, 2006; 5. September 19, 2006; 6. September 19, 2006, respectively  4. Application number(s) or patent number(s):		
If this document is being filed together with a new application, the 2. September 26, 2006; 3. September 26, 2006; 4. September 2006, respectively  A. Patent Application No(s).		
New Application		
Additional numbers attacts. Name and address of party to whom correspondence	hed? YES NO  6. Total No. of applications/patents involved: One (1)	
concerning document should be mailed:	7. Total fee (37 C.F.R. § 3.41): \$40.00	
Name: HARNESS, DICKEY & PIERCE, P.L.C.	Enclosed	
Street Address: P.O. BOX 8910	Authorized to be charged to deposit account,	
City: RESTON State: VA ZIP: 20195	if no fee attached.	
Country: USA	8. Deposit account number: <u>08-0750</u>	
	(Attach triplicate copy of this page if paying by deposit account)	
DO NOT I KI	E THIS SPACE	
9. Statement and signature.  To the best of my knowledge and belief, the foregoing i copy of the original document.  John A. Castellano, #35,094	nformation is true and correct and any attached copy is a true  September 29, 2006	
Name of Person Signing/Reg. No.	Signature Date  neet, attachments, and document: Three (3)	
\\	JAC:jap	

JAC:jap

## **ASSIGNMENT**

Atty. Docket No. 8947-000201/US

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

## METHOD FOR FORMING PATTERNS OF SEMICONDUCTOR DEVICE

patent		and the state of t
(a)		executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration and Power of Attorney);
(p)		executed on,; or
(c)		filed on, and assigned Serial No or PCT International Application No;
(d)	$\Box$	U.S. Patent No, issued; and

WHEREAS, Samsung Electronics Co., Ltd., 416, Meetan-Dong, Yeongtong-Gu, Suwon-si, Gyeonggi-do, Republic of Korea, hereinafter referred to as Assignee, is destrous 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 sald 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 coveriants 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.

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PATENT REEL: 018366 FRAME: 0813

ASSIGNMENT
Chowon, Koh
Cha-Won KOH
Cha-Won KOH  Sop. 19, 2006  Dated
Yool KANG \
Dated Pool Kang
Dated
Sep. 26 - 2006
Sep. 26 - 2006  Sang-Gyun WOO  Dated  Sep. 26, 26, 26
Dated Sen bow 6
Spok-Hwan OH
Sep. 22. 206
Gi-Sung YEO
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Dated 19 200 6
Ji-young LEE
Six IP
Dated

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