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,	FORM PTO-1595		U.S. DEPARTMENT OF COMMERCE		
	©2005 Staas & Halsey LLP	## \$ <b>3188</b>			
_	To the Director of the U.S. Patent and Tra	103124627			
7		1001			
1.	Name of conveying party(ies):				
`		. Cheol Jin KIM			
	2. Yu Jeub HA 7	. Yun Ic HWANG	O		
`	3. Kyoung Ho KIM 8	. Sang Hyun KANG	T47		
.!		. Sung Soo PARK			
		0. Tae Ho KIM	Ξ̈́Q.		
•		1. Pung Yeun CHO	29		
	·	ung roun orro	7/1		
2.	Name and Address of receiving party(ies	):	<del>2</del>		
		,	·		
	SAMSUNG ELECTRONICS CO., LTD.				
	416, Maetan-dong, Yeongtong-gu,				
	Suwon-si, Gyeonggi-do 443-742				
	Republic of Korea				
	, top date or troves				
3.	Nature of conveyance:				
	X Assignment	Merger			
	Security Agreement	Change of Name			
	Other:				
	Execution Date(s): November 14, 2005				
	· /				
4.	Application number(s) or patent number(	s):			
	☐ This document is being filed together with a new application.				
	OR	• •			
	☐ This document is being filed after filir	ng of the application:			
	(a) Patent Application No(s)., filed;	<del>-</del>			
	(b) Patent No(s)., issued.				
	• •				
5.	Name and address of party to whom cor				
	STAAS & HALSEY LLP	Our Docket:	<u>1594.1519</u>		
	Attention: Gene M. Garner, II				
	1201 New York Ave., N.W., Suite 700				
	Washington, D.C. 20005				
	•				
6.	Total number of applications and patents	s involved: <u>1</u>			
_	T + 16 (07.0FD.0.44) (6.4	IO OO waa Datant ay Amelia	action in Assignment)		
7.	Total fee (37 CFR 3.41)(\$ 4	iu.uu per Patent or Applic	cation in Assignment)		
	Enclosed				
	Authorized to be charged to depo	osit account.			
0	Deposit Account No.: 19-3935 (Any un	dornovment is authorized	to be charged to this Denos		
8.	•	derpayment is authorized	to be charged to this Depos		
	Account) (Attach duplicate copy of this page if pay	ving by deposit account)			
	(Attach duplicate copy of this page if pay	ang by deposit decoding			
		1/1/0///			
Gen	e M. Garner, II, Reg. No. 34,172	/X/V/	November 17, 2005		
	ne of Person Signing	*Signature	Date		
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## U.S. ASSIGNMENT

SALL LAB

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by

(Insert Name(s) & Address(es) of ASSIGNEE(S))

SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-Dong, Yeongtong-gu, Suwon-si, Gyeonggi-do Republic of Korea

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled (Title of Invention)

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1 11	/-	· Pa

relating to International Patent Application PCT/JP/and/or for which application for Letters Patent of the United State was executed on even date herewith or, if not so executed, was:				
(a) executed on ;	(Insert date of execution of application, if not concurrent)			
(b) filed on ,	Any registered attorney of STAAS & HALSEY LLP, 1201 New York			
Serial No. ;	Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.			

and to seid application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, destrable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to exaculting all papers, including separate assignments and declarations, taking all rightful paths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature (s).

(Typed Name & Signature of Inventor(s))

NOVEMBER 14, 2005

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🖾 Additional inventors are being named on separately numbered sheets attached hereto.

PATENT

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8)	tell Sang Hyran KANG	NOVEMBER 14, 2005
	Sang Hyun KANG	TO STATE OF THE ST
9)	sing for RAKK	NOVEMBER 14. 2005
	Sung Soo PARK	
70)	Tae bo Kin	NOVEMBER 14, 2005
	Tae Ho KIM	
11)	Puny Yeun Of U	NOVEMBER 14, 2005

**RECORDED: 11/17/2005** 

PATENT REEL: 017245 FRAME: 0167