	FORM PTO-1595 RECC	03-06-2006	U.S. DEPARTMENT OF COMMERC
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' ـ	To the Director of the U.S. Patent and Trademai	103190179	
ر ا ا ا	Name of conveying parties:	100190179	
2	Yun-Su KIM		
	Jung-Hyeok IM Min-Hyouk LEE		2
	Chang-Hwan HWANG		လ် <u>(</u>
2.	Name and Address of receiving parties:		2941 U.S
	SAMSUNG ELECTRONICS CO., LTD.		294
	416, Maetan-dong, Yeongtong-gu,	k	=
	Suwon-si, Gyeonggi-do 443-742		
	Republic of Korea		
3.	Nature of conveyance: X Assignment	Morgor	
	X Assignment Security Agreement	_ Merger _ Change of Name	
	Other:		
	Execution Date: February 21, 2006		
4.	Application number(s) or patent number(s):	Ale a manu a miliantian	
-	This document is being filed together with OR	tn a new application.	
	☐ This document is being filed after filing of	of the application:	
	(a) Patent Application No(s)., filed; or		
	(b) Patent No(s)., issued.		
<b>5</b> .	Name and address of party to whom corres	pondence concerning document	should be mailed:
	STAAS & HALSEY LLP	Our Docket: <u>1779.1146</u>	
	Attention: William F. Herbert 1201 New York Ave., N.W., Suite 700		
	Washington, D.C. 20005		
6.	Total number of applications and patents in	volved: <u>1</u>	
7.	Total fee (37 CFR 3.41) (\$ 40.0	00 per Patent or Application in Ass	signment)
	Enclosed		- ,
	Authorized to be charged to deposit		
8.	Deposit Account No.: 19-3935 (Any under	payment is auth <del>oriz</del> ed to be char	ged to this Deposit Account
	(Attach duplicate copy of this page if paying	by deposit account)	
Millio	m E Harbart Day No. 24 004	/ the	
Name	m F. Herbert , Reg. No. 31,024 e of Person Signing	Signature	February 27, 2006
	\	Olghalure	Date
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PATENT REEL: 017628 FRAME: 0593

## U.S. ASSIGNMENT

S&H 1mg

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 443-742 Republic of Korea

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and

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relating to international Patent Application PCT/KF States was executed on even date herewith or, if r		
(a) executed on ;	(Insert date of execution of application, if not concurrent)	
(b) filed on , Serial No. ;	Any registered attorney of STAAS & HALSEY LLP, 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.	
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	intor(s) has (have) affixed his/her/their signature(s). (Date) (Typed Name & Signature of Witness(es))	
1) Yun - Su Kim	Teb. 21. 2006	
2) Jung Hyeok TM Jung-Hyeok IM	20do. 2. 21	
3) Mik- fyak Lee Min-Hyouk LEE	Feb. 21 12006  Teb 21, 2006	
4) Chang Sturm Chang-Hwan HWANG	Teb 21. 2006	
5)		
6)		

**PATENT REEL: 017628 FRAME: 0594** 

**RECORDED: 02/27/2006**