5/24/05

	06-02-2005	
	RECORDATION F	F COMMERCE
	Patent and Tra PATEN PATEN PATEN	
	To the Director of the U.S. Patent and Trademark Office: Pleas 103012704	
1.	Name of conveying party(ies): Chang Ho SON Hoon KIM Woon Sung JUNG You Na PARK Hye Rim LEE	113268 U.S. PTO
2.	Name and Address of receiving party(ies):	
	SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-Dong, Yeongtong-gu, Suwon-si, Gyeonggi-do Republic of Korea	
3.	Nature of conveyance: X	
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 filing of the application: (a) Patent Application No(s)., filed; or (b) Patent No(s)., issued.	
5.	Name and address of party to whom correspondence concerning document should be m STAAS & HALSEY LLP Our Docket: 1594.1490 Attention: Gene M. Garner, II 1201 New York Ave., N.W., Suite 700 Washington, D.C. 20005 Volume of the property	
6.	Total number of applications and patents involved:1	
7.	Total fee (37 CFR 3.41) (\$ 40.00 per Patent or Application in Assignment) ☑ Enclosed ☐ Authorized to be charged to deposit account.	
8.	Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this E Account) (Attach duplicate copy of this page if paying by deposit account)	Deposit
	e of Person Signing Signature May 16, 2 Signature	200/
, ,,, ,	Total number of pages including cover s DO NOT USE THIS SPACE	sheet: 2

PATENT REEL: 016606 FRAME: 0129

U.S. ASSIGNMENT

S&H 1/00

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))

RECORDED: 05/26/2005

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

relating to International Patent Application PCT/J States was executed on even date herewith or, if	P/ and/or for which not so executed, was:	ch application for Letters Patent of the United
(a) executed on ;	(Insert date of execution	on of application, if not concurrent)
(b) filed on ,		y of STAAS & HALSEY LLP, 1201 New York
Serial No.;		00 Washington, D.C. 20005 (202/434-1500) n insert in (b) the specified data, when know
enewal, substitute, reissue or reexamination app		P. C. ()
The ASSIGNOR agree(s), when requestassions the ASSIGNEE, to do all acts which the ASSIGNEE renforcing protection for said invention, including it exters Patent(s), in any interference, reissue, receivition may arise or be declared in relation to same assignments and declarations, taking all rightful of IN WITNESS WHEREOF, the undersigned inventor(s))	sted by said ASSIGNEE and without may deem necessary, desirable or on the preparation and prosecution of examination, or public use proceeding, such acts to include but not be likely aths, providing sworn testimony, and ventor(s) has (have) affixed his/her/	ut charge to but at the expense of said expedient, for securing, maintaining and of said application(s) and the issuance of sang, and in any litigation or other legal proceditied to executing all papers, including sepand obtaining and producing evidence.
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PATENT REEL: 016606 FRAME: 0130