	, [	FORM PTO-1595	03-17-2005	U.S. DEPARTMENT OF COMMERCE	
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	¹	To the Director of the U.S. Patent and Trad	102961325	documents or copy thereof.	
\	1.	Name of conveying party(ies): Daesung CHO	102001020		
/,	Λ	Hyun Mun KIM			
ä	7	Wooshik KIM		0	
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ň	2.	Name and Address of receiving pa	arty(ies)	7.249	
V		Samsung Electronics Co., Ltd.		20 ■	
.1		416, Maetan-dong, Yeongtong-gu		§ <b>7 ■</b> 8	
lΣ)				2- =	
S		Suwon-si, Gyeonggi-do, Republic	of Norea	-	
	3.	Nature of conveyance:			
		X Assignment	Merger		
		Security Agreement	Change of Name		
		Other:			
		Execution Date(s): March 7, 2005			
	Application number(s) or patent number(s):				
		☐ This document is being filed together with a new application:			
			e application is/are: March 7, 200	5	
			AND METHOD FOR ENCODING		
		CONTAINING	GRAY ALPHA CHANNEL IMAGE	AND DECODING IMAGE	
		OR CONTAINING	GRAT ALPTIA CHANNEL IMAGE		
		☐ This document is being filed at	fter filing of the application:		
		(a) Patent Application No(s).	, filed	· or	
		(b) Patent No(s)., issued.	, med	, 01	
		(b) Faterit NO(5). , issued .			
	5. Name and address of party to whom correspondence concerning document should be mailed:				
		STEIN, MCEWEN & BUI, LLP		ket: 0002.1009	
		Attention: Michael D. Stein	Gui 2001	10t. <u>5502.1000</u>	
		1400 Eye St., N.W., Suite 300			
		Washington, D.C. 20005			
		Washington, D.C. 20005			
	6.	6. Total number of applications and patents involved:1			
	7.	Total fee (37 CFR 3.41)	(\$ 40.00 per Patent or Application	on in Assignment)	
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			o Deposit Account No. 503333.		
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		Michael D. Stein, Reg. No. 37,240			
	Name	ame of Person Signing Signature Date			
			Total accept as of the	and including ages	
	Total number of pages including cover sheet: 2				

PATENT REEL: 016361 FRAME: 0011

## **U.S. ASSIGNMENT**

SMB 12/04

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 (*l'itle of invention*)

## APPARATUS AND METHOD FOR ENCODING AND DECODING IMAGE CONTAINING GRAY ALPHA CHANNEL IMAGE relating to international Patent Application PCT/JP\_\_\_\_was executed on even date herewith or, if not so executed, was: and/or for which application for Letters Patent of the United States (a) executed on (Insert date of execution of application, if not concurrent) Any registered attorney of STEIN, MCEWEN & BUI, LLP, 1400 EyeSL, N.W., Suite 300, Washington, D.C. 20005 (202/216-9505) is hereby authorized to insert in (b) the specified data, when known, (b) filed on . Serial No. Unassigned: and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, release 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, desirable 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, release, reaszamination, 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 executing all papers, including separate sesignments and declarations, taking all rightful eaths, 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)) (Date) (Typed Name & Signature of Witness(es)) March 7, 2005 Mexich 7, 2005 3) Woo-Shik Km Merrch 7, 2005

PATENT
RECORDED: 03/07/2005 REEL: 016361 FRAME: 0012