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	1 Staas & Halsey LLP		
Ţe.	the Director of the U.S. Patent and Traden	102812597	documents or copy thereof.
	Name of conveying party(ies): Pyong-yong SEONG		
2.	Name and Address of receiving party(ie	es):	
	SAMSUNG ELECTRONICS CO., L' 416, Maetan-Dong, Yeongtong-gu, Suwon-si, Gyeonggi-do Republic of Korea	TD.	
	Material and a second		8-6-04
3.	Nature of conveyance: X Assignment Security Agreement	Merger Change of Name	
	Other: Other: Execution Date(s): June 15, 2004		
4.	Application number(s) or patent number This document is being filed together (a) The execution date(s) of the approximation (b) The title is: OR	er with a new application:	
	 ☐ This document is being filed after file (a) Patent Application No(s). 10/82 (b) Patent No(s)., issued. 		
5.	Name and address of party to whom co STAAS & HALSEY LLP Attention: Gene M. Garner II 1201 New York Ave., N.W., Suite 700 Washington, D.C. 20005	orrespondence concerning doc Our Docket: <u>1793.1</u>	
3.	Total number of applications and paten	ts involved: 1	
7.	Total fee (37 CFR 3.41)(\$ ☑ Enclosed ☐ Authorized to be charged to de		n in Assignment)
8.	Deposit Account No.: 19-3935 (Any un Account) (Attach duplicate copy of this page if pa		pe charged to this Deposit
	tel D. Stein Reg. No. 37,240 of Person Signing	Signature	August 6, 20 Date
		Total number of pag	

PATENT REEL: 015664 FRAME: 0020

U.S. ASSIGNMENT

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: 08/06/2004

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)

relating to international Patent Application PCT/JP_ was executed on oven date herewith or, if not so ex	xecuted, was:	which application for Letters Patent of the United States	
(a) executed on ; June 15, 2004	(insert date of exc	ocution of application, if not concurrent)	
(b) filed on April 13, 2004	Any registered at	Any registered atterney of STAAS & HALSEY ILP, 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) is	
Serial No. 10/822,868	hereby authorized	d to insert in (b) the specified data, when known.	
substitute, reissue or reexamination application bas granted and including any extensions thereof (collection of the ASSIGNOR agrae(s), which request to do all acts which the ASSIGNEE may deem necessaid invention, including in the preparation and prointerference, reissue, reexamination, or public use declared in relation to same, such acts to include be declarations, taking all rightful caths, providing swo IN WITNESS WHEREOF, the undersigned inva (1ypod Name & Signature of Inventor(s)) 1)	sed thereon, for the full term actively, harelnafter, "said ap ed by said ASSIGNEE and wassary, desirable or expediensecution of said applications proceeding, and in any itiga but not be limited to executing our testimony, and obtaining enter(s) has (have) affixed his (Date) June 15, 2004	without charge to but at the expense of said ASSIGNEE, it, for securing, maintaining and enforcing protection for and the issuance of said Letters Patent(s), in any tion or other legal proceeding which may arise or be gall papers, including separate assignments and and producing avidence. Sher/their signature(s). (Typed Name & Signature of Witness(es))	
2)			
3)			
4)			
5)			
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PATENT REEL: 015664 FRAME: 0021