	U.S. DEPARTMENT OF COMMERCE

To the Honorable Commissioner of Patents and Haddington 185424

a original documents or copy thereof.

Name of conveying party(ies): Yoon-Young KIM 18.06.02 Jae-Seung LEE Byung-Young KANG

So-Yeon SIM

Name and Address of receiving party(ies):

SAMSUNG ELECTRONICS CO., LTD. 416 Maetan-dong, Paldal-gu

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ı		of Person Signing	S	Signature	Date
r		el D. Stein, Reg. No. 37,24		Mula D St	8/6/02
	9.	Statement and signature. To the best of my knowledg attached copy is a true copy			and correct and any
	8.	Deposit Account No.: 19-39 Account) (Attach duplicate copy of thi			harged to this Deposit
	7.	Total fee (37 CFR 3.41) ☐ Enclosed ☐ Authorized to be ch			
	6.	Total number of applications	s and patents involv	ed: <u>1</u>	
	5.	Name and address of party STAAS & HALSEY LLP Attention: Michael D. Stein 700 Eleventh Street, N.W., SWashington, D.C. 20001		dence concerning docume Our Docket: <u>1594,1055</u>	
	4.	Application number(s) or pa This document is being (a) The execution date (b) The title is: OR This document is being (a) Patent Application N (b) Patent No(s)., issue	filed together with a (s) of the application filed after filing of th No(s). 10/114,308, f.	is/are:	
	3.	Nature of conveyance: X		Merger Change of Name	
		Suwon City, Kyungki-do Republic of Korea			

PATENT

REEL: 13166 FRAME: 0074

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))

SAMSUNG ELECTRONICS CO., LTD. 416 Maetan-dong, Paldal-gu Suwon City, Kyungki-do Republic of Korea

RECORDED: 08/06/2002

(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)

elating to International Patent Application PCT/JP/ and/or for which application for Letters Patent of the United States 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 April 3, 2002,	Any registered attorney of STAAS & HALSEY LLP, 700 Eleventh Street, N.W., Washington, D.C. 20001 (202/434-1500) is hereby			
Serial No. <u>10/114,308;</u>	authorized to insert in (b) the specified data, when known.			
renewal, substitute, reissue or reexamination appl	f the United States granted on said application and any continuation, division, lication based thereon, for the full term or terms for which the said Letters asions thereof (collectively, hereinafter, "said application(s) and Letters			
to do all acts which the ASSIGNEE may deem ne- protection for said invention, including in the prepa Patent(s), in any interference, reissue, reexaminate which may arise or be declared in relation to same	said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, recessary, desirable or expedient, for securing, maintaining and enforcing aration and prosecution of said application(s) and the issuance of said Letters ition, or public use proceeding, and in any litigation or other legal proceeding e, such acts to include but not be limited to executing all papers, including I rightful oaths, providing sworn testimony, and obtaining and producing			
IN WITNESS WHEREOF, the undersigned inv (Typed Name & Signature of Inventor(s))	ventor(s) has (have) affixed his/her/their signature(s). (Date) (Typed Name & Signature of Witness(es)			
(Typed Name & Signature of Inventor(s)) Toon Toung (CIM	(Date) (Typed Name & Signature of Witness(es)			
(Typed Name & Signature of Inventor(s)) 1) Yoon-Young KIM 2)				
(Typed Name & Signature of Inventor(s)) Toon Toung (CIM	(Date) (Typed Name & Signature of Witness(es)			
(Typed Name & Signature of Inventor(s)) 1) Youn CIM Youn-Young KIM 2) Jae-Seung LEE 3)	(Date) (Typed Name & Signature of Witness(es)			
(Typed Name & Signature of Inventor(s)) 1) Yoon-Young KIM 2) Jae-Seung LEE 3) Byung-Young KANG 4)	(Date) (Typed Name & Signature of Witness(es) July 10, 2002 July 10, 2002			

PATENT REEL: 13166 FRAME: 0075