FGRM2PTO-1595			ET U.S. DEPARTMENT OF COMMENT		
S&H 9/	/92		•		
To th	e Honorable Commissioner of Patents and Ti-	101615043	ents or copy thereof.		
١.	Name of conveying party(ies):		2 2 :11		
	Jung-wan KO, Jung-kwon HEO, J	Jae-hoon HEO and Jung-seuk KAN	EE 25 1 01		
2.	Name and address of receiving pa Samsung Electronics Co. 416, Maetan-dong, Palda Republic of Korea	i e	TENT & TRINGENT		
3.	Nature of conveyance: X Assignment Security Agreem Other: Execution Date(s): December 29,		f Name		
4.	Application number(s) or patent n This document is being filed toget (a) The execution date(s) of t (b) The title is: * *** OR ***	ther with a new application:			
	This document is being filed after (a) Patent Application No(s).	filing of the application: . 09/583,876, filed May 31, 2000; or ., issued			
5.	Name and address of party to who STAAS & HALSEY LLP Attention: Michael D. St 700 Eleventh Street, N.W Washington, D.C. 2000	tein V., Ste. 500	nent should be mailed: cet: 1293.1059CIP2/MDS		
6.	Total number of applications and patents involved:1_				
7.	Total fee (37 CFR 3.41)	\$ 40.00 e charged to deposit account.			
8.	Deposit Account No.: 19-3935 (Attach duplicate copy of this pag	(Any underpayment is authorized to le if paying by deposit account)	be charged to this Deposit Account)		
9.	Statement and signature. To the best of my knowledge and to of the original document.	belief, the foregoing information is tri \mathcal{M}_{i}	ue and correct and any attached copy is a true copy		
	Michael D. Stein, Reg. No. 37,3 Name of Person Signing	Signature	Date $\frac{2}{7/0}$		
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PATENT REEL: 011507 FRAME: 0911 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

(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

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relating to International Patent Application PCT/_executed on even date herewith or, if not so execute		olication for Letters Patent of the United States wa		
(a) executed on	; (Insert date of executio	n of application, if not concurrent)		
(b) filed on May 31, 2000,		of STAAS & HALSEY ILP, 700 Eleventh Street,		
Serial No 09/583,876		N.W., Washington, D.C. 20001 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.		
and including any extensions thereof (collectively, h The ASSIGNOR agree(s), when requested by sa which the ASSIGNEE may deem necessary, desira including in the preparation and prosecution of sai reexamination, or public use proceeding, and in any such acts to include but not be limited to executin providing sworn testimony, and obtaining and produ-	id ASSIGNEE and without charge to able or expedient, for securing, main id application(s) and the issuance of a litigation or other legal proceeding all papers, including separate assignments.	but at the expense of said ASSIGNEE, to do all act taining and enforcing protection for said invention said Letters Patent(s), in any interference, reissue which may arise or be declared in relation to same		
IN WITNESS WHEREOF, the undersigned invo	., ,	•		
(Typed Name & Signature of Inventor(s))	(Date)	(Typed Name & Signature of Witness(es)		
1) Trywanko	29 Dec. 2000			
2) Lunkwon Her	29 Dec. 2000			
Jung-kwon HEO				
Jae-hoon Heo	29 Dec. 2000			
Jae-hoon Heo Jungfuk Karg	29 Dec. 2000 29 Dec. 2000			

PATENT REEL: 011507 FRAME: 0912

RECORDED: 02/07/2001