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U.S. DEPARTMENT OF COMMERCE

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To th	e Honorable Committee of Patents: 102010999 account original documents or copy thereof.
	Name of conveying party(ies): 1) Jong-Chull SHON, 2) Keun-Seuk OH, 3) So-Hyun LEE, 4) Won-Woo LEE, and 5) Jung-Eui HOH
	Name and Address of receiving party(ies): 3.7.02
	SAMSUNG ELECTRONICS CO., LTD. 416 Maetan-3dong, Paldal-gu Suwon City, Kyungki-do Republic of Korea
	Nature of conveyance: X
	Execution Date(s): February 25, 2002 (all parties)
	Application number(s) or patent number(s): This document is being filed together with a new application: (a) The execution date(s) of the application is/are: (b) The title is: OR
	 ☐ This document is being filed after filing of the application: (a) Patent Application No(s). 10/005,223, filed December 7, 2001; or (b) Patent No(s). , issued
	Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: 1594.1013 Attention: Michael D. Stein 700 Eleventh Street, N.W., Suite 500 Washington, D.C. 20001
	Total number of applications and patents involved:1
	Total fee (37 CFR 3.41) (\$ 40.00 per Assignment) ☑ Enclosed ☐ Authorized to be charged to deposit account.
	Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account) (Attach duplicate copy of this page if paying by deposit account)
	Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.
dich.	ael D. Stein , Reg. No. 37,240 Signature Date
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	Total number of pages including cover sheet: 2
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PATENT REEL: 012664 FRAME: 0427

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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.

RECORDED: 03/07/2002

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 (Title of Invention)

	/ and/or for which application for Letters Patent of the United States was
(a) executed on	; (Insert date of execution of application, if not concurrent)
(b) filed on December 7, 2001 Serial No. 121, 223;	Any registered attorney of STAAS & HALSEY ILP, 700 Eleventh Street, N.W., Washington, D.C. 20001 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.
ubstitute, reissue or reexamination application based and including any extensions thereof (collectively, he The ASSIGNOR agree(s), when requested by said which the ASSIGNEE may deem necessary, desirable acluding in the preparation and prosecution of said a	(-) Las (hous) affixed his/her/their signature(s).
(Typed Name & Signature of Inventor(s))	(Date)
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Typed Name & Signature of Inventor(s)) Jong - Chull Show Jong-Chull Show	25/ Feb/02 25/ Feb/02 25/ Feb/02

PATENT REEL: 012664 FRAME: 0428