Form **PTO-1595** (Rev. 10/02)

OMB No. 0651-0027 (exp. 6/30/2005	(innint libit bill
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To the Honorable Commissioner	of Patents ar

Form PTO-1595 (Rev. 10/02)	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office						
OMB No. 0651-0027 (exp. 6/30/2005	Our Ref.: 47392						
To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.						
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)						
	Name:Samsung Electronics Co., Ltd						
Dong-man Kim	Internal Address:						
	950						
Additional name(s) of conveying party(ies) attached? 📮 Yes 🛂 No	6,7						
3. Nature of conveyance:							
🚄 Assignment 📮 Merger							
Security Agreement Change of Name	Street Address: 416, Maetan-dong, Yeongtong-gu						
2000							
Other	Suwon-si, Gyeonggi-do						
	City:State:_KOREA_Zip:						
Execution Date: September 10, 2004	Additional name/o) & address/co) attached 2 Tt Van Tr Na						
	Additional name(s) & address(es) attached? 🖵 Yes 🔽 No						
4. Application number(s) or patent number(s):	0 440 0004						
	cation, the execution date of the application is: Sept. 10, 2004						
A. Patent Application No.(s)	B. Patent No.(s)						
16/90/872							
Additional numbers att	ached? Yes No						
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:						
Name: John E. Holmes	7. Total fee (37 CFR 3.41)\$ 40.00						
Name	✓i Enclosed						
Internal Address:	Lindosed						
Roylance, Abrams, Berdo & Goodman, LLP	Authorized to be charged to deposit account						
	8. Deposit account number;						
Street Address: 1300 19th Street, N.W., Suite 600							
	18-2220						
City: Washington State: DC Zip: 20036	(Attach duplicate copy of this page if paying by deposit account)						
DO NOT USE THIS SPACE							
Statement and signature.							
To the best of my knowledge and belief, the foregoing in	nformation is true and correct and anv attached conv						
is a true copy of the original document.							

Ronald S. Grubb (Reg. No. 48,672)

Name of Person Signing

Roralls. Grubbs

SEPTEMBER 16, 2004

Date

Total number of pages including cover sheet, attachments, and documents: Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

09/17/2004 TBESHAH1 00000001 10941872

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PATENT REEL: 015848 FRAME: 0649

02 FC:8021

ASSIGNMENT

WHEREAS, I. <u>Dong-man KIM</u>, a citizen of the Republic of Korea, residing at 122-1203 Granville Apt., Wolgye-dong, Nowon-gu, Scoul, Republic of Korea, (hereinafter ASSIGNOR), have made a certain invention entitled,

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which I am making application for Letters Patent of the United States, said application being executed concurrently herewith; and

WHEREAS. <u>Samsung Electronics</u> Co.. Ltd., a corporation duly organized under the laws of the Republic of Korea, located and doing business at 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyconggi-do, Republic of Korea (hereinafter ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the aforementioned invention and the aforementioned application and any and all United States Letters Patent to be obtained on said invention and/or application;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

BE IT KNOWN that for good and valuable consideration paid to me by said ASSIGNEE, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, by these presents do hereby sell, assign, set over and transfer unto said ASSIGNEE, its successors, legal representatives or assigns, the entire right, title and interest in and to the aforesaid invention in and for the United States; and in, to and under the aforesaid United States application and any divisional, continuing, substitute or reissue applications or supplementary disclosures which may be filed on said invention in the United States; and my right to file said applications and claim priority under the provisions of any international convention or treaty; and any Letters Patent of the United States issued or granted on said invention and/or said applications;

AND I HEREBY authorize and request the U.S. Patent and Trademark Office or other issuing authority to issue any and all patents on said invention and/or said application to said ASSIGNEE as sole assignee;

AND I HEREBY covenant that I have the full right to convey the entire right, title and interest herein assigned and that I have not executed and will not execute any assignment or other instrument in conflict herewith:

AND I HEREBY further covenant and agree to communicate to said ASSIGNEE, or its legal representatives, successors or assigns, any facts relating to said invention, including evidence for interference purposes or other proceedings, whenever requested, and to testify in any interference or in any other legal proceeding, when requested, and to execute and deliver on request all lawful papers required to make any of the foregoing provisions effective; and to perform the aforesaid communicating, executing and delivering, without any payment except expenses and to perform the aforesaid testifying for reasonable compensation; and generally to do everything possible to aid the said ASSIGNEE, its successors, legal representatives or assigns to obtain and enforce proper patent protection on and for said invention in the United States, and

PATENT REEL: 015848 FRAME: 0650

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of	IN WITNE			nave here	under :	set my	y hand	and se	al this	loth	day
V,)~	Man_	Kin	a
Witness						Don	ig-man K	JM			

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RECORDED: 09/16/2004

PATENT REEL: 015848 FRAME: 0651