To the Honorable Commissioner of Patent Please record the attached original do Name of conveying party(ies): Assignment pecophatics volume and address of receiving party(ies): Patents Only 06-25-1999 June 10, 1999 Attorney Dkt: 101076595	
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Jae-Ik Jeong Samsung Electronics Co., Ltd. 416 Maetan-dong, Paldal-gu Suwon-City, Kyungki-do Republic of Korea	\$ \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Additional name(s) of conveying party(ies) attached? Yes X_ No	
3. Nature of conveyance: X Assignment Merger	
Security Agreement Change of Name Other Execution Date: June 1, 1999 Additional name(s) & address(es) attached? Yes _X_ No	
4. Application Serial No Patent NoPatent No	
If this document is being filed together with a new application, the execution date of the application is: June 1, 1999 Additional numbers attached? Yes X No	
5. Name and address of party to whom correspondence 6. Total number of applications and patents involved	- 1
concerning document should be mailed: 7. Total fee (37 CFR 3.41) \$ 40.00	
Grant J. Scott Myers Bigel Sibley & Sajovec P.O. Box 37428 Raleigh, North Carolina 27627 X Enclosed Authorized to be charged to deposit account	
8. Deposit account number: 50-0220	
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9. 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 of the original document.	сору
Grant J. Scott, #36,925 Signature Date Total number of pages including cover sheet, attachments and do	ocument: 3

PATENT REEL: 010045 FRAME: 0284

ASSIGNMENT

THIS ASSIGNMENT, made by me, Jae-Ik Jeong, citizen of the Republic of Korea, residing at #107-402, Hanyang Apt., 390-1, Kiheung-eup, Kugal-ri, Yongin-city, Kyungki-do, Republic of Korea;

WITNESSETH: That,

WHEREAS, Samsung Electronics Co., Ltd., a Korean corporation having a principal place of business at 416 Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I have sold and by these presents do hereby sell, assign, transfer and convey unto the said assignee, its successors and assigns, the entire right, title and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

I hereby request that said Letters Patent be issued in accordance with this assignment.

PATENT REEL: 010045 FRAME: 0285 I further covenant and agree that, at the time of the execution and delivery of these presents, I possess full title to the invention and application above-mentioned, and that I have the unencumbered right and authority to make this assignment.

I further covenant and agree to bind my heirs, legal representatives and assigns, promptly to communicate to said assignee or its representatives any facts known to me relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns and other legal representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this	day
of 06/01, 1999.	
Jae-Ik Jeong James Jae-Ik Jeong	
Witnessed by:	
Date:	
Date:	

RECORDED: 06/10/1999