## ASSIGNMENT RECORD



Patents Only

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To the Honorable Commissioner of Patents and Trademarks:	Date: November 14, 2001 Attorney Docket No. 5649-941	
Please record the attached original documents or copy thereof.	, money police No. 30 15 3 11	
1. Name of conveying party(ies):  Beom-jun Jin Byeong-yun Nam Young-pil Kim	2. Name and address of receiving party(ies):  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: October 29, 2001	Additional name(s) & address(es) attached?YesXNo	
4. Application Serial NoPatent No  If this document is being filed together with a new application, the execution date of the application is: October 29, 2001  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:  Mitchell S. Bigel  Myers Bigel Sibley & Sajovec  P. O. Box 37428  Raleigh NC 27627	7. Total fee (37 CFR 3.41) \$40.00  X Enclosed Authorized to be charged to deposit account  8. Deposit account number: 50-0220	
DO NOT USE THIS SPACE		
9. Statement and signature To the best of my knowledge and belief, the foregoing informati of the original document.  Mitchell S. Bigel, #29,614 Name of Person Signing Signature	November 14, 2001 Date	
Total m	umber of pages including cover sheet, attachments and document: 3	

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PATENT REEL: 012325 FRAME: 0221

Attorney Docket No. 5649-941

## ASSIGNMENT

THIS ASSIGNMENT, made by us, **Beom-jun Jin**, citizen of the Republic of Korea, residing at 8-1202, Kyungnam Apt., 1-8, Banpo-dong, Seocho-gu, Seoul, Republic of Korea; **Byeong-yun Nam**, citizen of the Republic of Korea, residing at 104-403, Samsung Apt., Gokbanjeong-dong, Kwonsun-gu, Suwon-city, Kyungki-do, Republic of Korea; and **Young-pil Kim**, citizen of the Republic of Korea, residing at 842-802, Pyuckjeokgol Jukong Apt., Youngtong-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in SEMICONDUCTOR DEVICE HAVING TRANSISTOR AND METHOD OF MANUFACTURING THE SAME for which an application for United States Letters Patent has been filed, or is being filed concurrently, in the United States Patent and Trademark Office. We hereby authorize and request Myers Bigel Sibley & Sajovec, P.A., to insert here in parentheses (Application No. \_\_\_\_\_\_\_\_, filed \_\_\_\_\_\_\_\_) the filing date and application number of said application when known or to file this Assignment concurrently with the application; and

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, we 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 or other forms of protection thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefor, together with the right to claim the priority of said application in all foreign countries in accordance with the International

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PATENT REEL: 012325 FRAME: 0222 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 us if this assignment and sale had not been made.

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

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to promptly communicate to said assignee or its representatives any facts known to us 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; and we hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this		
day of	, 20	
	Boom-jun Jin	(SEAL)
	Beom-jun Jin	
	Byeong yun Nam Byeong-yun Nam	(SEAL)
		(OD. 17)
	Young-pil Kim	(SEAL)
Witnessed by:		
Date:		
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Date:		

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