09-19-2002

ER SHEET Patents Only

To the Honorab  102227462  Please record the 102227462	Date: September 11, 2002 Attorney Docket No. 5649-948			
Please record the Please recor	T			
Name of conveying party(ies):	2. Name and address of receiving party(ies):			
Byung-jun Park 19.16.12	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 No				
3. Nature of conveyance:				
3. Nature of conveyance.	<b>&gt;</b> ***			
X Assignment				
Merger Security Agreement				
Change of Name	E ≥ ½			
Other Execution Date: August 4, 2002	Additional name(s) & address(es) attached?			
4. Application Serial No. 10/172,760 filed June 14, 2002				
If this document is being filed together with a new application, is:  Additional numbers attached? Yes No	the execution date of the application			
	6 Total number of amiliasticus and naturate involved.			
<ol><li>Name and address of party to whom correspondence concerning document should be mailed:</li></ol>	6. Total number of applications and patents involved:1			
	7. Total fee (37 CFR 3.41) \$40.00			
Robert M. Meeks Myers Bigel Sibley & Sajovec	X Enclosed Authorized to be charged to deposit account			
P. O. Box 37428				
Raleigh NC 27627	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 information of the original document.	tion is true and correct and any attached copy is a true copy			
Robert M. Meeks #40,723	September 11, 2002			
Name of Person Signing Signature Total number of pages including cover sheet, attachments and do	Date cument: 3			
99/18/2002 LMUELLER 00000272 10172760				

## ASSIGNMENT

THIS ASSIGNMENT, made by me, **Byung-jun Park**; citizen of the Republic of Korea, residing at 905-1804, Jukong Apt., Pyuckjeok-gol, Youngtong-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea;

WITNESSETH: That,

WHEREAS, I am the sole inventor of certain new and useful improvements in INTEGRATED CIRCUITS HAVING SELF-ALIGNED METAL CONTACT STRUCTURES AND METHODS OF FABRICATING 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. I hereby authorize and request Myers Bigel Sibley & Sajovec, P.A., to insert here in parentheses (Application No. 10/172,760, filed June 14, 2002) 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, 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.

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PATENT REEL: 013290 FRAME: 0594

K322345A

I hereby request that said Letters Patent be issued in accordance with this assignment. 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 \_\_\_\_\_\_\_, 2002.

Byung-)un Park (SEAL)
Byung-jun Park

Witnes	sed b	у:		
 Date:_			 	
Date:			 	

RECORDED: 09/16/2002

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