To: Commissioner for Pater	103102929	Date: October 11, 20 Attorney Docket No. 5649-17	
Please record the attached original	— -	Attorney Docket No. 3649-17	13
1. Name of conveying party(ies):		2. Name and address of receiving party(ies):	
Chae-Eun Rhee		Samsung Electronics Co., Ltd. 416 Maetan-dong, Yeongtong-gu Suwon-si, Gyeonggi-do Republic of Korea	1105
Additional name(s) of conveying party(is	es) attached? Yes No	1 1/2	2
3. Nature of conveyance:		± == == == == == == == == == == == ==	
X_AssignmentSecurity AgreementChange of NameOther Execution Date: October 4, 20	105		
		Additional name(s) & address(es) attached?YesNo	
4. Application Serial No.	Patent No.		
If this document is being filed is: October 4, 2005	together with a new application,	the execution date of the application	
Additional numbers attached?	Yes X No		
 Name and address of party to whom correspondence concerning document should be mailed: Grant J. Scott Myers Bigel Sibley & Sajovec P. O. Box 37428 		6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$40.00	 -
		X _ Enclosed Authorized to be charged to deposit account	
Raleigh NC 27627		8. Deposit account number: 50-0220	
DO NOT USE	THIS SPACE		
9. Statement and signature To the best of my knowledge of the original document.	and belief, the foregoing informs	tion is true and correct and any attached copy is a true copy	
Grant J. Scott #36,925	Sul ST	October 11, 2005	
Name of Person Signing Total number of pages including	Signature Cover sheet, attachments and do	Date	
	CERTIFICATE OF	EXPRESS MAILING	
	pondence is being deposited with th	e United States Postal Service "Express Mail Post Office to Addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22	
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Candi L. Riggs			
/14/2005 MWDLDGE1 00000095 112477	31		
	40.00 DP		

PATENT REEL: 017092 FRAME: 0438

Attorney Docket 5649-1773

ASSIGNMENT

THIS ASSIGNMENT, made by me, Chae-Eun Rhee, citizen of the Republic of Korea, residing at 89-11, Wooman 2-dong, Paldal-gu, Suwon-si, Gyeonggi-do, Republic of Korea

WITNESSETH: That,

WHEREAS, I am the sole inventor of certain new and useful improvements in METHODS OF CREATING CORE-TILE SWITCH MAPPING

ARCHITECTURE IN ON-CHIP BUS AND COMPUTER-READABLE MEDIUM

FOR RECORDING THE METHOD 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. _________, 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, Yeongtong-gu, Suwon-si, Gyeonggi-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: 017092 FRAME: 0439

TO:919 854 1401 P.002/002 TO:919 854 1\0.1\1\3 P. 5005/005

Attorney Docket 5649-1773

ASSIGNMENT - CONTINUED

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 assigned 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 accure 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.

assignee, its successi	ors, assigns and other legal representatives.		
IN WITNES	S WHEREOF, I have hereunto set my hand and seal on this	4th	day
of October	_, 2005.		
	(SEAL)		
	(SEAL)		
	Chae-Eun Rhee		
Witnessed by:			
Print Name			
Date:			

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RECORDED: 10/11/2005