Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) Tab settings ⇔ ⇔ ▼ To the Honorable Commissioner of Patents and Trademarks:	S ONLY 103540279				
Name of conveying party(ies): Kaushik Morapakkam Josiam	Name and address of receiving party(ies) Name: Samsung Electronics Co., Ltd.				
Zhouyue Pi Farooq Khan	Internal Address: 416, Maetan-dong, Yeongtong-gu				
Additional name(s) of conveying party(es) attached? Yes Vo	Suwon-si, Gyeonggi-do 442-370				
3. Nature of conveyance: ✓ Assignment	Republic of Korea Street Address: Same as above				
	City:State:Zip:				
Execution Date: February 3, 2009, respectively	Additional name(s) & address(es) attached? Yes 📝 No				
A. Patent Application No.(s)	B. Patent No.(s)				
Additional numbers att 5. Name and address of party to whom correspondence					
concerning document should be mailed:	6. Total number of applications and patents involved:				
Name: Docket Clerk	7. Total fee (37 CFR 3.41)\$40.00				
Internal Address: P.O. Drawer 800889	✓ Enclosed				
Dallas, Texas 75380	Authorized to be charged to deposit account				
Street Address:	8. Deposit account number: 50-0208				
City:State:Zip:					
DO NOT USE THIS SPACE					
·····	Signature Date r sheet, attachments, and documents: Support S				

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

02/12/2009 SSITHIB1 00000031 12378004

04 FC:8021

40.00 OP

PATENT

REEL: 022302 FRAME: 0650

ASSIGNMENT

WHEREAS, We, Kaushik Morapakkam Josiam, resident of Dallas, Dallas County, Texas, citizen of India, Zhouyue Pi, resident of Richardson, Collin County, Texas, citizen of China, and Farooq Khan, resident of Allen, Collin County, Texas, citizen of the United States, have invented certain new and useful improvements in a "METHODS AND APPARATUS FOR NETWORK CODING IN A COMMUNICATION SYSTEM" disclosed in an application for United States Letters Patent (Application No. _______, filed _______), said application having been executed concurrently herewith;

WHEREAS, SAMSUNG ELECTRONICS CO., LTD, a corporation organized under the laws of the Republic of Korea, having a place of business at 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 442-370, Republic of Korea (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; We authorize William A. Munck or John T. Mockler of Munck Carter, LLP to insert in the parenthesis above the application number and filing date of said application when known; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to the said ASSIGNEE of our entire right, title and interest.

We also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

We hereby further agree that we will communicate to said ASSIGNEE, or to its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, and make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

L:\SAMS10\00057 - 1 -

PATENT REEL: 022302 FRAME: 0651

IN WITNESS WHEREOF, we have hereunto set our hands and seals this _	3^a_da	y of
February, 2008.9		

Kaushik Morapakkam Josiam

STATE OF TEXAS

COUNTY OF COUNTY OF

On this 3 day of 2008, before me, a Notary Public in and for the State and County aforesaid, personally appeared Kaushik Morapakkam Josiam, known to me to be the person named above who signed and sealed the foregoing instrument, and acknowledged the same to be his/her own free act and deed.

LORI L. DENINGER
MY COMMISSION EXPIRES
June 14, 2010

Notary Public, State of Tex

My Commission Expires:

i L Deningeri voith America Headquarters | DTL-Planning & Agril 20090203091603

PATENT

REEL: 022302 FRAME: 0652

Date:	Feb	3rd	2009	
				_

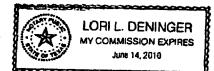
Zhouyue Pi

STATE OF TEXAS

COUNTY OF Collin

8888

On this 3 day of Floruan, 2008, before me, a Notary Public in and for the State and County aforesaid, personally appeared Zhouyue Pi, known to me to be the person named above who signed and sealed the foregoing instrument, and acknowledged the same to be his/her own free act and deed.



Notary Public, State of Texas

My Commission Expires:

Que 14, 2010

i L Deninger Will America Headquarters | DTL-Planning & Aomin 20090203091603

012821233674164 301001011101010101010111011101110111

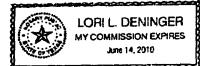
Date:	2	/3	12	0	09
					_



STATE OF TEXAS

COUNTY OF Collin

2008, before me, a Notary Public in and On this 3 day of for the State and County aforesaid, personally appeared Farooq Khan, known to me to be the person named above who signed and sealed the foregoing instrument, and acknowledged the same to be his/her own free act and deed.



Notary Public, State of Texas

My Commission Expires:

Lori L DeningerNorth America Headquarters IDTL-Planning & Admin 20090203091603

RECORDED: 02/10/2009

012821233874164

PATENT REEL: 022302 FRAME: 0654