

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Young-Han Nam</td><td>04/28/2011</td></tr><tr><td>Jianzhong Zhang</td><td>05/03/2011</td></tr></tbody></table>		Name	Execution Date	Young-Han Nam	04/28/2011	Jianzhong Zhang	05/03/2011		
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RECEIVING PARTY DATA									
<table border="1"><tr><td>Name:</td><td>Samsung Electronics Co., Ltd.</td></tr><tr><td>Street Address:</td><td>416, Maetan-dong, Yeongtong-gu,</td></tr><tr><td>City:</td><td>Suwon-si, Gyeonggi-do 442-742</td></tr><tr><td>State/Country:</td><td>REPUBLIC OF KOREA</td></tr></table>		Name:	Samsung Electronics Co., Ltd.	Street Address:	416, Maetan-dong, Yeongtong-gu,	City:	Suwon-si, Gyeonggi-do 442-742	State/Country:	REPUBLIC OF KOREA
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PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13096565</td></tr></tbody></table>		Property Type	Number	Application Number:	13096565				
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CORRESPONDENCE DATA									
Fax Number: (972)628-3616 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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Address Line 1: P.O. DRAWER 800889									
Address Line 4: DALLAS, TEXAS 75380									
ATTORNEY DOCKET NUMBER:	2010.05.004.WS0								
NAME OF SUBMITTER:	William A. Munck								
Total Attachments: 5 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif									

PATENT

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CH \$40.00 13096565

ASSIGNMENT

WHEREAS, We, Young-Han Nam, resident of Plano, Collin County, Texas, citizen of Korea, and Jianzhong Zhang, resident of Plano, Collin County, Texas, citizen of China, have invented certain new and useful improvements in a "METHOD AND SYSTEM FOR INDICATING THE TRANSMISSION MODE FOR UPLINK CONTROL INFORMATION" 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 442-742, Republic of Korea (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring our 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.

IN WITNESS WHEREOF, we have hereunto set our hands and seals this 28th day of April, 2011.

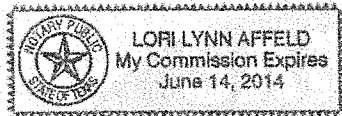
Young-Han Nam
Young-Han Nam

STATE OF TEXAS

COUNTY OF Collin

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§

On this 28 day of April, 2011, before me, a Notary Public in and for the State and County aforesaid, personally appeared Young-Han Nam, 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 Lynn Affeld
Notary Public, State of Texas

My Commission Expires:

June 14, 2014

Date: 5/3/11

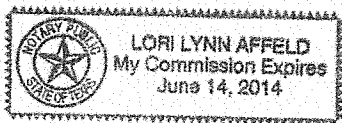
Jianzhong Zhang
Jianzhong Zhang

STATE OF TEXAS

COUNTY OF Collin

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§

On this 3 day of May, 2011, before me, a Notary Public in and for the State and County aforesaid, personally appeared Jianzhong Zhang, 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 Lynn Affeld
Notary Public, State of Texas

My Commission Expires:

June 14, 2014

DOCKET NO.: 2010.05.004.WS0
CUSTOMER NO.: 23990

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : Young-Han Nam, et al.
Application No. : Not yet Assigned
Filed : Herewith
For : METHOD AND SYSTEM FOR INDICATING THE
TRANSMISSION MODE FOR UPLINK CONTROL
INFORMATION
Art Unit : Not Yet Assigned
Examiner : Not Yet Assigned

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

POWER OF ATTORNEY AND STATEMENT UNDER 37 C.F.R. 3.73(b) FOR
PATENT APPLICATION

Samsung Electronics Co. Ltd., a corporation organized under the laws of the
Republic of Korea, having principal offices at:

416, Maetan-dong, Yeongtong-gu
Suwon-si, Gyeonggi-do 442-742
Republic of Korea

and the owner by assignment, as evidenced by the assignment attached hereto, of the
entire right, title and interest to the invention for

“METHOD AND SYSTEM FOR INDICATING THE TRANSMISSION MODE FOR
UPLINK CONTROL INFORMATION”

by Young-Han Nam and Jianzhong Zhang, and in and to the application for patent and
any Letters Patent, whether domestic or foreign, that may issue thereon, hereby appoints
the following attorneys and/or agents:

John T. Mockler, Reg. No. 39,775
William A. Munck, Reg. No. 39,308

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Lori L. Deninger 20110428130056

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as its attorneys, with full power of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith, to prosecute all domestic and foreign patent applications, including PCT and EPO filings, relating to said invention, and to transact all business connected therewith, including signing of all papers on its behalf and making alterations and amendments.

Please address all correspondence and telephone calls regarding this application to:


Docket Clerk
P.O. Drawer 800889
Dallas, Texas 75380

Telephone: (972) 628-3600
Facsimile: (972) 628-3616

The undersigned is the representative for the Assignee of the entire right, title, and interest in the patent application identified above and is authorized to act on behalf of the Assignee.

SAMSUNG ELECTRONICS CO., LTD.

5/3/2011
Date


Jingjing Ye
Patent Counsel