

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2660982

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>11/18/2013</td> </tr> <tr> <td>KRISHNA SAYANA</td> <td>10/31/2013</td> </tr> <tr> <td>BOON LOONG NG</td> <td>10/30/2013</td> </tr> <tr> <td>YOUNSUN KIM</td> <td>11/18/2013</td> </tr> <tr> <td>YAN XIN</td> <td>11/01/2013</td> </tr> </tbody> </table>		Name	Execution Date	YOUNG-HAN NAM	11/18/2013	KRISHNA SAYANA	10/31/2013	BOON LOONG NG	10/30/2013	YOUNSUN KIM	11/18/2013	YAN XIN	11/01/2013
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CORRESPONDENCE DATA													
Fax Number:	(972)628-3616												
Phone:	927-628-3600												
Email:	patents@munckwilson.com												
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>													
Correspondent Name:	DOCKET CLERK - SAMS												
Address Line 1:	P.O. DRAWER 800889												
Address Line 4:	DALLAS, TEXAS 75380												
ATTORNEY DOCKET NUMBER:	2012.11.005.SR0												
NAME OF SUBMITTER:	MICHAEL G. RODRIGUEZ												

CH \$40.00 14067689

Signature:	/Michael G. Rodriguez/
Date:	12/26/2013
Total Attachments: 6 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif	

ASSIGNMENT

WHEREAS, We, Young-Han Nam, resident of Plano, Collin County, Texas, citizen of the Republic of Korea, Krishna Sayana, resident of San Jose, Santa Clara County, California, citizen of India, Boon Loong Ng, resident of Dallas, Dallas County, Texas, citizen of Australia, Younsun Kim, resident of Seongnam-shi, Kyounggi, Republic of Korea, citizen of the Republic of Korea, and Yan Xin, resident of Princeton, Mercer County, New Jersey, citizen of China, have invented certain new and useful improvements in "Configuration of Interference Measurement Resources for Enhanced Downlink Measurements and MU-MIMO" 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 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742, 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, I 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; I authorize William A. Munck of Munck Wilson Mandala, LLP to insert in the parenthesis above the application number and filing date of said application when known; and I 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 my entire right, title and interest.

I 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 I 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.

I hereby further agree that I will communicate to said ASSIGNEE, or to its successors, assigns and legal representatives, any facts known to me 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, I have hereunto set my hand and seal this 18th day of November, 2013.



Young-Han Nam

STATE OF TEXAS

§

§

COUNTY OF _____

§

On this _____ day of _____, 2013, 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.

Notary Public, State of Texas

My Commission Expires:

Date: OCT 31, 2013

Krishna Sayana
Krishna Sayana

STATE OF TEXAS

§
§
§

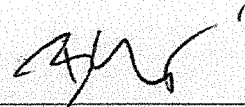
COUNTY OF _____

On this ____ day of _____, 2013, before me, a Notary Public in and for the State and County aforesaid, personally appeared Krishna Sayana, 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:

Date: 30 OCT 2013



Boon Loong Ng

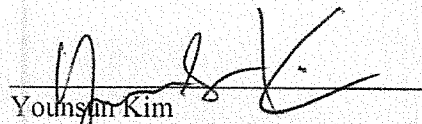
STATE OF TEXAS §
 §
COUNTY OF _____ §

On this ____ day of _____, 2013, before me, a Notary Public in and for the State and County aforesaid, personally appeared Boon Loong Ng, 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:

Date: Nov 18, 2013


Younsun Kim

STATE OF TEXAS

§
§
§


COUNTY OF _____

On this ____ day of _____, 2013, before me, a Notary Public in and for the State and County aforesaid, personally appeared Younsun Kim, 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:

Date: 11/01/2013


Yan Xin

STATE OF TEXAS

COUNTY OF _____

§
§
§

On this ____ day of _____, 2013, before me, a Notary Public in and for the State and County aforesaid, personally appeared Yan Xin, 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:
