

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3354522

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JUNG-SOO JUNG	05/13/2015
YEONG-MOON SON	05/13/2015
YOUNG-BIN CHANG	05/13/2015
RECEIVING PARTY DATA	
Name:	SAMSUNG ELECTRONICS CO., LTD
Street Address:	129, SAMSUNG-RO
Internal Address:	YEONGTONG-GU, SUWON-SI
City:	GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF
Postal Code:	443-742
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14443036
CORRESPONDENCE DATA	
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Correspondent Name:	DOCKET CLERK
Address Line 1:	P.O. DRAWER 800889
Address Line 4:	DALLAS, TEXAS 75380
ATTORNEY DOCKET NUMBER:	SAMS05-20745
NAME OF SUBMITTER:	WILLIAM A. MUNCK
SIGNATURE:	/William A. Munck/
DATE SIGNED:	05/14/2015
Total Attachments: 4	
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source=Assignment#page2.tif	
source=Assignment#page3.tif	

ASSIGNMENT

WHEREAS, We, **Jung-Soo JUNG**, resident of Seongnam-si, Gyeonggi-do, Republic of Korea, citizen of Republic of Korea, **Yeong-Moon SON**, resident of Yongin-si, Gyeonggi-do, Republic of Korea, citizen of Republic of Korea, **Young-Bin CHANG**, resident of Anyang-si, Gyeonggi-do, Republic of Korea, citizen of Republic of Korea have invented certain new and useful improvements in "METHOD AND DEVICE FOR SENDING AND RECEIVING SCHEDULING DATA IN A WIRELESS COMMUNICATION SYSTEM USING BEAMFORMING" disclosed in an application for United States Letters Patent (Application Serial No. ___/_____, filed on _____, 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 and _____, having a place of business at _____ (hereinafter referred to as "ASSIGNEE"), are 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, their 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 of Munck Wilson Mandala, 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, their 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, their successors, assigns and legal representatives.

We hereby further agree that we will communicate to said ASSIGNEE, or to their 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, their successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

Date: May 13, 2015



Jung-Soo JUNG

Date: _____

Yeong-Moon SON

Date: May 13, 2015



Young-Bin CHANG

ASSIGNMENT

WHEREAS, We, **Jung-Soo JUNG**, resident of Seongnam-si, Gyeonggi-do, Republic of Korea, citizen of Republic of Korea, **Yeong-Moon SON**, resident of Yongin-si, Gyeonggi-do, Republic of Korea, citizen of Republic of Korea, **Young-Bin CHANG**, resident of Anyang-si, Gyeonggi-do, Republic of Korea, citizen of Republic of Korea have invented certain new and useful improvements in "METHOD AND DEVICE FOR SENDING AND RECEIVING SCHEDULING DATA IN A WIRELESS COMMUNICATION SYSTEM USING BEAMFORMING" disclosed in an application for United States Letters Patent (Application Serial No. ___/_____, filed on _____, said application having been executed concurrently herewith;

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We also hereby sell and assign to said ASSIGNEE, their 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, their successors, assigns and legal representatives.

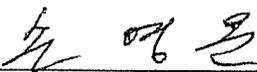
We hereby further agree that we will communicate to said ASSIGNEE, or to their successors, assigns and legal representatives, any facts known to us respecting any improvements;

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, their successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

Date: _____

Jung-Soo JUNG

Date: May 13, 2015


Yeong-Moon SON

Date: _____

Young-Bin CHANG