

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3664118

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the LISTED INVENTORS previously recorded on Reel 036983 Frame 0254. Assignor(s) hereby confirms the ASSIGNMENT.
CONVEYING PARTY DATA	
Name	Execution Date
JIN YUAN	11/05/2015
YANG LI	11/04/2015
IOANNIS TZANIDIS	11/05/2015
GANG XU	11/05/2015
ROBERT MONROE	11/04/2015
JIANZHONG ZHANG	11/04/2015
EKO ONGGOSANUSI	11/05/2015
MD. SAIFUR RAHMAN	11/05/2015
YOUNG-HAN NAM	10/05/2015
YAN XIN	11/05/2015
RECEIVING PARTY DATA	
Name:	SAMSUNG ELECTRONICS CO., LTD.
Street Address:	129, SAMSUNG-RO
Internal Address:	YEONGTONG-GU
City:	SUWON-SI, GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF
Postal Code:	16677
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14935172
CORRESPONDENCE DATA	
Fax Number:	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Email:	patents@munckwilson.com
Correspondent Name:	DOCKET CLERK - SAMS
Address Line 1:	P.O. DRAWER 800889
Address Line 4:	DALLAS, TEXAS 75380

ATTORNEY DOCKET NUMBER:	2014.11.012.SR0
NAME OF SUBMITTER:	JACOB LACOMBE
SIGNATURE:	/JACOB LACOMBE/
DATE SIGNED:	12/17/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 11 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif source=Assignment#page8.tif source=Assignment#page9.tif source=Assignment#page10.tif source=Assignment#page11.tif	

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3605997

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JIN YUAN	11/05/2015
IOANNIS TZANIDIS	11/05/2015
GARY XU	11/05/2015
ROBERT MONROE	11/04/2015
JIANZHONG ZHANG	11/04/2015
EKO ONGGOSANUSI	11/05/2015
MD. SAIFUR RAHMAN	11/05/2015
YOUNG-HAN NAM	10/05/2015
YAN XIN	11/05/2015
RECEIVING PARTY DATA	
Name:	SAMSUNG ELECTRONICS CO., LTD.
Street Address:	129, SAMSUNG-RO
Internal Address:	YEONGTONG-GU
City:	SUWON-SI, GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF
Postal Code:	16677
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14935172
CORRESPONDENCE DATA	
Fax Number:	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	927-628-3600
Email:	patents@munckwilson.com
Correspondent Name:	DOCKET CLERK - SAMS
Address Line 1:	P.O. DRAWER 800889
Address Line 4:	DALLAS, TEXAS 75380
ATTORNEY DOCKET NUMBER:	2014.11.012.SR0

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET
(37 CFR 1.76) AND ASSIGNMENT**

Title of Invention	2D ACTIVE ANTENNA ARRAY OPERATION FOR WIRELESS COMMUNICATION SYSTEMS
As the undersigned inventor, I hereby declare that:	
This combined declaration and assignment is directed to:	<input checked="" type="checkbox"/> The attached application, or <input type="checkbox"/> United States application or PCT International application number _____ filed on _____.
The above-identified application was made or authorized to be made by me.	
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.	
I have reviewed and understand the contents of the application including the claims, for which this combined declaration and assignment is being submitted.	
I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56.	
WHEREAS, <u>Samsung Electronics Co., Ltd., a Korean corporation, having a place of business at 129, Samsung-ro, Yeongtong-gu Suwon-si, Gyeonggi-do, 16677, Korea</u> (hereinafter referred to as "ASSIGNEE"), desires to acquire the entire right, title and interest in said invention and to any patent that may be granted thereon in the United States and foreign countries;	
NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, We, the below named inventors, hereby sell, assign and transfer to said ASSIGNEE, its successors and assigns, the entire right, title and interest in the above-identified application and the invention disclosed therein in all countries, including all divisional applications, continuation applications, and corresponding priority applications including those to which priority is claimed under the International Convention of Paris including under 35 U.S.C. 119, substitutions, and renewals thereof, and to all patents that may be granted thereon, and all reissues thereof.	
We hereby authorize and request the Patent Office Officials in the United States and all foreign countries to issue patents, when granted, to said ASSIGNEE, its successors and assigns. Further, We agree that said ASSIGNEE, its successors and assigns, may apply for patents for the invention in foreign countries without further authorization from us. Also, We agree to execute all papers and generally to do everything possible to aid said ASSIGNEE, its successors and assigns, in obtaining and enforcing patents for the invention in all countries.	
I hereby acknowledge that any willful false statement made in this combined declaration and assignment is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.	

LEGAL NAME OF FIRST INVENTOR

Inventor: Jin Yuan Date: 11/05/2015

Signature: Jin Yuan

LEGAL NAME OF SECOND INVENTOR

Inventor: Yang Li

Date:

11/4/2015

Signature: _____



LEGAL NAME OF THIRD INVENTOR

Inventor Ioannis Izmidis

Date 11/15/2015

Signature

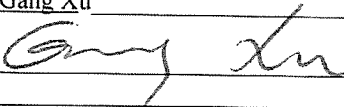


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SAMS10-00988

LEGAL NAME OF FOURTH INVENTOR

Inventor: Gang Xu

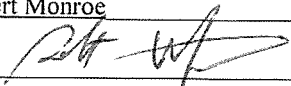
Date: 11/05/2015

Signature: 

LEGAL NAME OF FIFTH INVENTOR

Inventor: Robert Monroe

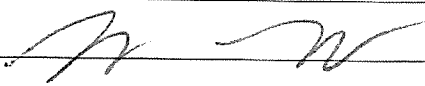
Date: 11-4-15

Signature: 

LEGAL NAME OF SIXTH INVENTOR

Inventor: Jianshong Zhang

Date: 11/4/15

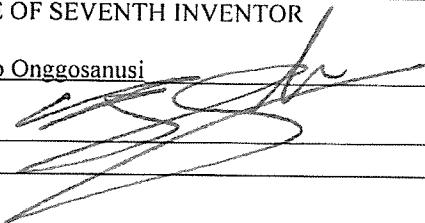
Signature: 

2014.11.012.SR0
SAMS10-00988

LEGAL NAME OF SEVENTH INVENTOR

Inventor: Eko Onggosanusi

Date: 4/5/2015

Signature: 

2014.11.012.SR0
SAMS10-00988

LEGAL NAME OF SECOND INVENTOR

Inventor: Md. Saifur Rahman

Date: 11/05/15

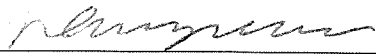
Signature: _____

Md Saifur Rahman

LEGAL NAME OF SECOND INVENTOR

Inventor: Young-Han Nam

Date: 10/5/2015

Signature: 

LEGAL NAME OF SECOND INVENTOR

Inventor: Yan Xin

Date:

11/05/2015

Signature: _____

Yan Xin