

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4115488

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	SUDHIR RAMAKRISHNA	10/26/2016
	BOON LOONG NG	10/18/2016
	LI GUO	10/18/2016
	THOMAS DAVID NOVLAN	10/17/2016
	YOUNG-HAN NAM	10/18/2016
	SRIDHAR RAJAGOPAL	10/17/2016
	JIANZHONG ZHANG	10/24/2016
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:	16677	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15335346
CORRESPONDENCE DATA		
Fax Number:	(972)628-3616	
<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:	972-628-3600	
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:	2016.01.011.SR0	
NAME OF SUBMITTER:	JACOB L. LACOMBE	
SIGNATURE:	/Jacob L. Lacombe/	

DATE SIGNED:	10/26/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 7 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	

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

Title of Invention	FRAME STRUCTURES AND SIGNALING TECHNIQUES FOR A UNIFIED WIRELESS BACKHAUL AND ACCESS NETWORK
As the undersigned inventor, I hereby declare that:	
This combined declaration and assignment is directed to: ☒ The attached application, or ☐ 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, Teongong-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 (e.g., full first name, middle initial, last name)	
Inventor: <u>Sudhir Ramakrishna</u>	Date: <u>10/26/2016</u>
Signature: <u></u>	

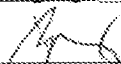
LEGAL NAME OF SECOND INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Boon Loong Ng

Date:

10/18/2016

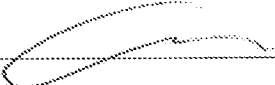
Signature:



LEGAL NAME OF THIRD INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Li Guo

Date: 10/18/2016

Signature: 

LEGAL NAME OF FOURTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Thomas David Novlan

Date:

10/17/16

Signature:

T D Novlan

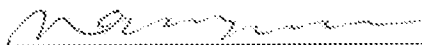
LEGAL NAME OF FIFTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Young-Han Nam

Date:

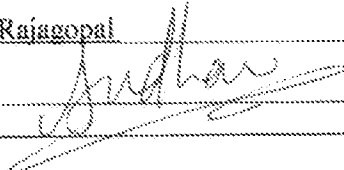
10/18/2016

Signature:



LEGAL NAME OF SIXTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Sridhar Rajagopal Date: Oct 17, 2016

Signature: 

LEGAL NAME OF SEVENTH INVENTOR (e.g., full first name, middle initial, last name)

Inventor: Jianzhong Zhang

Date: 10/24/16

Signature: 