506140068 07/06/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JINGXING FU	10/20/2014
YINGYANG LI	10/20/2014

RECEIVING PARTY DATA

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State/Country:	KOREA, REPUBLIC OF	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16921745

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NAME OF SUBMITTER:	JACOB L. LACOMBE
SIGNATURE:	/Jacob L. LaCombe/
DATE SIGNED:	07/06/2020

Total Attachments: 2

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PATENT 506140068 REEL: 053129 FRAME: 0252

DOCKET NO.: P20187-US(WC-201204-011-1-US0) PATENT

ASSIGNMENT

WHEREAS, We, Jingxing FU, resident of Chaoyang District, Beijing 100125, China, cit izen of China, Yingyang LI, resident of Chaoyang District, Beijing 100125, China, citizen of China, have invented certain new and useful improvements in "METHOD AND APPARATUS FOR ALLOCATING HARQ-ACK CHANNEL RESOURCES SUPPORTING TRANSMIT DIVERSITY AND CHANNEL SELECTION" 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 (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 my 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, as signs 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 A

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

Date: October 20 , 2014

Jingxing FU

Date: October 20 , 2014

Yingyang 19