

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5699366

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHIEN-HWA HWANG	01/08/2018
WEIDONG YANG	01/08/2018
PEI-KAI LIAO	01/08/2018
WEI-DE WU	01/08/2018
RECEIVING PARTY DATA	
Name:	MEDIATEK INC.
Street Address:	NO. 1, DUSING RD. 1ST
Internal Address:	SCIENCE-BASED INDUSTRIAL PARK
City:	HSIN-CHU
State/Country:	TAIWAN
Postal Code:	30078
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16559373
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Address Line 4:	SAN JOSE, CALIFORNIA 95173
ATTORNEY DOCKET NUMBER:	MDT-355-1C
NAME OF SUBMITTER:	ZHENG JIN
SIGNATURE:	/zheng jin/
DATE SIGNED:	09/03/2019
Total Attachments: 2	
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Docket Number: MDT-355

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, we, Chien-Hwa Hwang, Weidong Yang, Pei-Kai Liao, and Wei-De Wu (hereinafter referred to as ASSIGNORS), having post office addresses of: No.1, Dusing 1st Rd., Hsinchu Science Park, Hsinchu 30078, Taiwan; 2840 Junction Ave, San Jose, CA 95134, United States; No.1, Dusing 1st Rd., Hsinchu Science Park, Hsinchu 30078, Taiwan; No.1, Dusing 1st Rd., Hsinchu Science Park, Hsinchu 30078, Taiwan; respectively, are the joint inventors of the invention described and claimed in the specification forming part of the United States patent application entitled "PHYSICAL DOWNLINK CONTROL CHANNEL DESIGN FOR 5G NEW RADIO," executed herewith;

WHEREAS, MEDIATEK INC. (hereafter referred to as ASSIGNEE), a corporation organized under the laws of Taiwan and having a place of business at No. 1, Dusing Rd. 1st, Hsinchu Science Park, Hsin-Chu 30078, Taiwan, is desirous of acquiring the entire right, title, and interest in and to the invention and in and to any letters patents that may be granted thereof in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said invention, said application and any and all letters patents which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues, and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty, or otherwise, said invention, application and all letters patents on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors an assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer, and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patents on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patents on said invention, for litigation regarding said letters patents, or for the purpose of protecting title to said invention or letters patents therefor.

IN WITNESS WHEREOF, We have hereunto signed our names on the day and year set forth below.

Chien-Hwa Hwang
Inventor's Signature

Chien-Hwa Hwang
Inventor's Printed Name

2018/1/8
Date

Weidong Yang
Inventor's Signature

Weidong Yang
Inventor's Printed Name

2018/1/8
Date

Pei-Kai Liao
Inventor's Signature

Pei-Kai Liao
Inventor's Printed Name

2018/1/8
Date

Wei-De Wu
Inventor's Signature

Wei-De Wu
Inventor's Printed Name

2018/1/8
Date

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NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said invention, said application and any and all letters patents which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues, and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty, or otherwise, said invention, application and all letters patents on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors an assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer, and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patents on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patents on said invention, for litigation regarding said letters patents, or for the purpose of protecting title to said invention or letters patents therefor.

IN WITNESS WHEREOF, We have hereunto signed our names on the day and year set forth below.

_____ Inventor's Signature	Chien-Hwa Hwang _____ Inventor's Printed Name	_____ Date
 _____ Inventor's Signature	Weidong Yang _____ Inventor's Printed Name	1/18/2018 _____ Date
_____ Inventor's Signature	Pei-Kai Liao _____ Inventor's Printed Name	_____ Date
_____ Inventor's Signature	Wei-De Wu _____ Inventor's Printed Name	_____ Date