

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5819225

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LUNG-SHENG TSAI	11/08/2019
WEIDONG YANG	11/06/2019
CHENG-RUNG TSAI	11/07/2019
JIANN-CHING GUEY	11/11/2019
CHIA-HAO YU	11/06/2019
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:	16683089
CORRESPONDENCE DATA	
Fax Number:	(925)835-5804
<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:	408 896 6196
Email:	zheng@imperiumpw.com
Correspondent Name:	LAW OFFICE OF ZHENG JIN
Address Line 1:	P.O.BOX 731450
Address Line 4:	SAN JOSE, CALIFORNIA 95173
ATTORNEY DOCKET NUMBER:	MDT-446-1S
NAME OF SUBMITTER:	ZHENG JIN
SIGNATURE:	/zheng jin/
DATE SIGNED:	11/13/2019
Total Attachments: 6	

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Docket Number: MDT-446-45

ASSIGNMENT OF PATENT APPLICATION

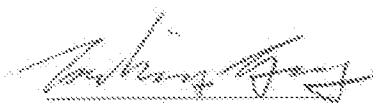
WHEREAS, we, Lung-Sheng Tsai, Weidong Yang, Cheng-Rung Tsai, Hsin-Chu Guey, and Chia-Hao Yu (hereinafter referred to as ASSIGNORS), having post office addresses of: No.1, Dusing Rd. 1st, Science-Based Industrial Park, Hsin-Chu 30078, Taiwan; 2840 Junction Ave., San Jose CA 95134, USA; No.1, Dusing Rd. 1st, Science-Based Industrial Park, Hsin-Chu 30078, Taiwan; No.1, Dusing Rd. 1st, Science-Based Industrial Park, Hsin-Chu 30078, Taiwan; No.1, Dusing Rd. 1st, Science-Based Industrial Park, Hsin-Chu 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 (PDCCH) TRANSMISSION AND RECEPTION WITH MULTIPLE TRANSMISSION POINTS," 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, Science-Based Industrial 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 and 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.

<u>Lung-Sheng Tsai</u> Inventor's Signature	<u>Lung-Sheng Tsai</u> Inventor's Printed Name	<u>11/8, 2019</u> Date
<u>Weidong Yang</u> Inventor's Signature	<u>Weidong Yang</u> Inventor's Printed Name	<u> </u> Date
<u>Cheng-Rung Tsai</u> Inventor's Signature	<u>Cheng-Rung Tsai</u> Inventor's Printed Name	<u> </u> Date


Inventor's Signature

Jiang-Ching Guey
Inventor's Printed Name

11/11/2019
Date

Inventor's Signature

Chia-Hao Yu
Inventor's Printed Name

Date

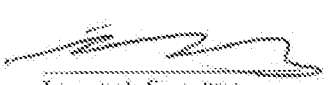
ASSIGNMENT OF PATENT APPLICATION

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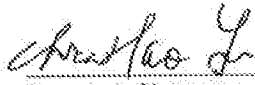
_____ Inventor's Signature	<u>Lung-Sheng Tsai</u> Inventor's Printed Name	_____ Date
 Inventor's Signature	<u>Weidong Yang</u> Inventor's Printed Name	<u>11/6/19</u> Date
_____ Inventor's Signature	<u>Cheng-Rung Tsai</u> Inventor's Printed Name	_____ Date

Inventor's Signature

Jiann-Ching Guey

Inventor's Printed Name

Date



Inventor's Signature

Chia-Hao Yu

Inventor's Printed Name

2019.11.06

Date

Docket Number: MDT-446-IS

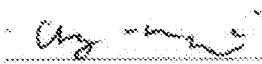
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_____ Inventor's Signature	<u>Weidong Yang</u> Inventor's Printed Name	_____ Date
 Inventor's Signature	<u>Cheng-Rung Tsai</u> Inventor's Printed Name	<u>2019. 11. 07</u> Date

..... Inventor's Signature	 Jian-Ching Guey Inventor's Printed Name	 Date
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..... Inventor's Signature	 Chia-Hao Yu Inventor's Printed Name	 Date
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