507019803 12/09/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHI CHENG LIAO	11/15/2021
JIA-YOU CHUANG	11/15/2021
JUI-CHI WU	12/09/2021

RECEIVING PARTY DATA

Name:	MEDIATEK INC.
Street Address:	NO.1, DUSING 1ST RD. SCIENCE-BASED INDUSTRIAL PARK
City:	HSINCHU
State/Country:	TAIWAN
Postal Code:	30078

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17547181

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 3102455005

Email: tonglee.docket@gmail.com

Correspondent Name: TONG J. LEE Address Line 1: P.O. BOX 1373

Address Line 4: HERMOSA BEACH, CALIFORNIA 90254

ATTORNEY DOCKET NUMBER:	MTKI-20-0526US
NAME OF SUBMITTER:	TONG J. LEE
SIGNATURE:	/Tong J. Lee/
DATE SIGNED:	12/09/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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PATENT 507019803 REEL: 058354 FRAME: 0050

Attorney Docket No.: MTKI-20-0526US

COMBINED DECLARATION AND ASSIGNMENT

Declaration

Title of Invention:

SYSTEM-SIDE BATTERY HEALTH GAUGE AND METHODS

As a below named inventor, I hereby declare that:

This declaration is directed to the attached application.

The above-identified application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

Assignment

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned inventor:

Chi Cheng Liao; Jia-You Chuang; Jui-Chi Wu

hereby sell, assign, and transfer to:

MediaTek Inc.

a corporation of Taiwan, having a principal place of business at No. 1, Dusing 1st Rd, Science-Based Industrial Park, Hsinchu, Taiwan 30078 ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and improvements that are disclosed in the above-identified application for the United States patent, said patent application also identified as follows:

(I hereby authorize and request my attorney, associated with Customer Number 31484, to insert on the designated lines below, the filing date and application number of said application when known.)

United States Patent Application Number	17547181	filed on	December 9, 2021	
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which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below, and in and to said United States patent application and all related applications (e.g. provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continuation-in-part applications, substitute applications, renewal applications, reexaminations, reissues, and the like) that have been or shall be filed in the United States and/or all foreign countries on said inventions and improvements, as well as in and to all rights of priority resulting from the filing of said United States patent application;

Page 1 of 2

Attorney Docket No.: MTKI-20-0526US

agree that said Assigner may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and logal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all design, utility, divisional, continuation, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements. In said Assignee, its successors, assigns, and legal representatives; and

coveraint with said Assignee, its successors, assigns, and legal representatives that no assignment, great, mortgage, license, or other agreement offecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as berein expressed is possessed by the undersigned.

Chi Cheng Liao	Date (YYYYMM/DD)3#¥\\\(\frac{1\frac{1}{1\frac{1}{2}}}{2}
Jia-You Chuang <u>Jia-You Chuang</u>	Date (YYYY/MM/00)
Jui-Chi Wu	Date (YYYY/MM/DD)

Attorney Docket No.: MTKI-20-0526US

agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all design, unlity, divisional, continuation, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignce, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Chi Cheng Liao	Date (YYYYMM/DD)
Jia-You Chuang	Date (YYYYAMA/DD)
Jui-Chi Wu JUT - Chi Wu	Date (YYYYMM/DD) _>0>1//>/ 9/

Page 2 of 2

PATENT REEL: 058354 FRAME: 0053

RECORDED: 12/09/2021