PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6501425

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHENGQUAN HU	01/18/2021
JIANHAN LIU	01/07/2021
THOMAS EDWARD PARE JR.	01/17/2021

RECEIVING PARTY DATA

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Internal Address:	#03-01 SOLARIS
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Postal Code:	138628

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17151621

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Phone: 949-383-5384 Email: pto@haniplaw.com HAN IP PLLC **Correspondent Name:**

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ATTORNEY DOCKET NUMBER:	MDTK.0535US
NAME OF SUBMITTER:	ANDY M. HAN
SIGNATURE:	/Andy M. Han/
DATE SIGNED:	01/18/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).
	·

Total Attachments: 3

PATENT REEL: 054947 FRAME: 0211

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PATENT REEL: 054947 FRAME: 0212

Attorney Docket Number: MDTK.0535US
Applicant Reference Number: MUSI-20-0098US

COMBINED DECLARATION AND ASSIGNMENT FOR APPLICATION FOR UNITED STATES LETTERS PATENT

DECLARATION

Title of Invention:	OPTIMIZATION OF	RESOURCE UNIT AN	ND SEGMENT	Parser L	Design For A	AGGREGATED A	AND
Multi-Resource	IINIT OPERATIONS	IN FYTREME HIGH-T	THROUGHPUT	Systems	•		

As the below named inventor, I he	ereby ded	clare that:
This declaration is directed to:	(X)	The attached application, or
	()	U.S. Application or PCT international application number
	` ,	on
The above-identified applications		s made or authorized to be made by me.
		•
	gınaı inv	ventor or an original joint inventor of a claimed invention in the
application.		
 I hereby acknowledge that 	any willf	ful false statement made in this declaration is punishable under 18
U.S.C. 1001 by fine or impris	sonment	t of not more than five (5) years, or both.
 I have reviewed and unde 	rstand t	he contents of the present application, including the claims, as
amended by any amendmer	nt specif	ically referred to herein.
	-	to the Patent Office all information known to me to be material to
patentability as defined in 3		
I hereby claim the benefit under	Γitle 35, U	Inited States Code, §119(e) of any United States provisional application(s) listed
below.		
U.S. PROVISIONAL APPLICATION	N NUMB	ER DATE OF FILING (MONTH/DAY/ YEAR)
62/963,592		01/21/2020 (21 January 2020)
62/970,778		02/06/2020 (06 February 2020)
62/976,385		02/14/2020 (14 February 2020)
		POWER OF ATTORNEY
As a named inventor, I hereby ap	point the	following attorney(s) and/or agent(s) associated with Customer No.
		13859
to proceed this application and	transast.	all business in the Patent and Trademark Office connected therewith.
to prosecute this application and	liansaci	all business in the Faterit and Trademark Office confidenced therewith.
Send Correspondence to:		
Han IP PLLC		
500 Union Street, Suite 800	1	
Seattle, WA 98101		

Page 1 of 3

Direct Telephone Calls To: (949) 383-5385

Email: pto@haniplaw.com

PATENT REEL: 054947 FRAME: 0213

Attorney Docket Number: MDTK.0535US
Applicant Reference Number: MUSI-20-0098US

ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

- 1. Shengquan Hu
- 3. Thomas Edward Pare, Jr.

2. Jianhan Liu

Assignee:

MediaTek Singapore Pte. Ltd. No. 1 Fusionopolis Walk, #03-01 Solaris Singapore 138628

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of the above-identified invention for which:

| Provisional application(s) for United States Letters Patent was/were filed on

21 January 2020, 06 February 2020 and 14 February 2020 and was/were given U.S. Serial No(s). **62/963,592, 62/970,778 and 62/976,385, respectively**; and/or

🛮 a non-provisional applica	tion for United States Letters Patent was/is:	
☐ filed on	and was given U.S. Serial No	; or filed concurrently herewith.
Assignors hereby authorize	and request ASSIGNEE's legal representatives	, of Han IP PLLC, 500 Union Street,
Suite 800, Seattle, WA 981	01, who are associated with customer number	13859, to handle all matters related to
the above-identified applicat	ion.	

WHEREAS, <u>MediaTek Singapore Pte. Ltd.</u> (hereinafter referred to as ASSIGNEE), a corporation of <u>Singapore</u> having a place of business at <u>No. 1 Fusionopolis Walk</u>, #03-01 <u>Solaris</u>, <u>Singapore 138628</u>, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore 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 ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent 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 patent 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 patent 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 patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

PATENT REEL: 054947 FRAME: 0214

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Inventor's Signature:	Date:
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42	01/07/202)
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PATENT REEL: 054947 FRAME: 0215

RECORDED: 01/18/2021