505922901 02/19/2020 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASS	NEW ASSIGNMENT				
ATURE OF CONVEYAN	ASSIGNMI	ASSIGNMENT				
CONVEYING PARTY DA	ATA					
		Name			Execution Date	
CHING-YEH CHEN				01/22/2020		
TZU-DER CHUANG				01/22/2020		
U-WEN HUANG					01/22/2020	
	ТА					
Name:	MEDIA					
Street Address:	NO. 1, DUSING RD. 1ST., SCIENCE-BASED INDUSTRIAL PARK					
City:	HSIN-CHU					
State/Country:	TAIWAN					
Postal Code:	300					
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ASSIGNMENT

WHEREAS, Ching-Yeh CHEN, Tzu-Der CHUANG and Yu-Wen HUANG

hereafter referred to as ASSIGNOR, has/have invented certain new and useful improvements as described and set forth in the below identified application for United States Letters Patent:

Title: METHOD AND APPARATUS OF MOTION REFINEMENT BASED ON BI-DIRECTIONAL OPTICAL FLOW FOR VIDEO CODING

Filed:	March	2.	2018	Serial No	PCT/CN2018/077819
Executed or	n:				

WHEREAS, <u>MediaTek Inc.</u> of <u>No. 1</u>, <u>Dusing 1st Rd.</u>, <u>Hsinchu</u> <u>Science Park</u>, <u>Hsinchu City 30078</u>, <u>Taiwan</u>, <u>R.O.C.</u> hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.

PATENT REEL: 051853 FRAME: 0428

ASSIGNMENT

Chirth Chan Ching-Yeh CHEN

Tan Der Chung Tzu-Der CHUANG

Ju-Wen HUANG

20/01/02

Date

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PATENT REEL: 051853 FRAME: 0429

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