### 504330416 04/20/2017

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4377102

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SHAN LIU	03/30/2017
XIAOZHONG XU	03/30/2017

#### **RECEIVING PARTY DATA**

Name:	MEDIATEK INC.	
Street Address:	NO. 1, DUSING RD. 1ST., SCIENCE-BASED INDUSTRIAL PARK	
City:	HSIN-CHU	
State/Country:	TAIWAN	
Postal Code:	300	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	15520593	

#### CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	250848-1270	
NAME OF SUBMITTER:	DANIEL R. MCCLURE	
SIGNATURE:	/Daniel R. McClure/	
DATE SIGNED:	04/20/2017	

Total Attachments: 2

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PATENT 504330416 REEL: 042081 FRAME: 0146

### ASSIGNMENT

WHEREAS, Shan LTU and Xiaozhong XU

hereafter referred to as ASSIGNOR, has/have invent as described and set forth in the below identified app		•
Title: Method of Motion Vector and Block Vector Re		Control PCT/CN2015/094983
Effective from: November 19, 2015	A X 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
WHEREAS. MediaTek Inc., of No. 1, Dusing Park, Hsin-Chu 300, Taiwan, R.O.C., bereinafter reacquiring ASSIGNOR'S interest in the said invention Patent which may be granted on the same;	ferred to a	s ASSIGNEE, is desirous of
NOW, THEREFORE, TO ALL WHOM IT is good and valuable consideration, receipt of which Assignor has/have sold, assigned and transferred, as and transfer unto the said Assignee, and Assignee's rights, title and interest in and to the said invimprovements thereon, and in and to any Letters Pathe same in the United States, the said interest to be fully and exclusively as it would have been held Assignment and transfer not been made, to the full emay be granted thereon, or of any division, rene substitution, conversion, reissue, prolongation or extended.	is hereby ad by these successor ention an atent which he held and and enjoy and and ter wal, conti	acknowledged by Assignor, e presents does/do sell, assign is and assigns, all his/her/their d application and all future h may hereafter be granted on I enjoyed by said Assignee as ed by said Assignor had this m of any Letters Patent which inuation in whole or in part,
Assignor further agrees/agree that he/s Assignee, but at Assignee's expense, cooperate wi application and/or applications, execute, verify, ac papers, including applications for Letters Patent and of assignment and transfer thereof, and will perfor may request, to obtain or maintain Letters Patent for vest title thereto in said Assignee, or Assignee's succ	ith Assign knowledge I for the re m such ot said inver	ee in the prosecution of said e and deliver all such further fissue thereof, and instruments her acts as Assignee lawfully ation and improvement, and to
IN TESTIMONY WHEREOF, Assignor has/date(s) indicated.	have signe	d his/her/their name(s) on the
		130/201)
Shan LIU	Date	
Xiaozhong XU	Date	

PATENT REEL: 042081 FRAME: 0147

# ASSIGNMENT

WHEREAS, Shan LIU and Xiaozhong XU 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 of Motion Vector and Block Vector Resolution Control  Filed: November 19, 2015 Serial No. PCT/CN2015/094983  Effective from: November 19, 2015
WHEREAS, Media Tek Inc. of No. 1, Dusing Rd. 1st., Science-Based Industrial Park, Hsin-Chu 300, Taiwan, R.O.C., 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.
Shan LIU Date
$\frac{1}{\text{Xiaozhong XU}} \frac{\sqrt{30}}{\sqrt{2017}} = \frac{\sqrt{30}}{\sqrt{2017}}$

MUSI-15-052PCT-US/0758W-850283 YPCT-US

**RECORDED: 04/20/2017** 

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