

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JICHENG AN	05/17/2017
YI-WEN CHEN	05/16/2017
KAI ZHANG	05/16/2017
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<b>Street Address:</b>	NO. 1 FUSIONOPOLIS WALK, #03-01 SOLARIS
<b>City:</b>	SINGAPORE
<b>State/Country:</b>	SINGAPORE
<b>Postal Code:</b>	138628
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15532166
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<b>ATTORNEY DOCKET NUMBER:</b>	251363-3280
<b>NAME OF SUBMITTER:</b>	DANIEL R. MCCLURE
<b>SIGNATURE:</b>	/Daniel R. McClure/
<b>DATE SIGNED:</b>	06/01/2017
<b>Total Attachments: 3</b>	
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# ASSIGNMENT

WHEREAS Jicheng AN, Yi-Wen CHEN, and Kai ZHANG  
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 Video Coding Using Binary Tree Block Partitioning

Filed December 9, 2015 Serial No. PN/CN2015/096761

Executed on \_\_\_\_\_

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

Jicheng AN

Jicheng AN

May, 17<sup>th</sup> 2017

Date

Yi-Wen CHEN

Date

Kai ZHANG

Date

ASSIGNMENT

WHEREAS, Jicheng AN, Yi-Wen CHEN, and Kai ZHANG 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 Video Coding Using Binary Tree Block Partitioning  
Filed: December 9, 2015 Serial No. PCT/CN2015/096761  
Executed on: \_\_\_\_\_

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

\_\_\_\_\_  
Jicheng AN

\_\_\_\_\_  
Date

Yi-Wen Chen  
\_\_\_\_\_  
Yi-Wen CHEN

05/16/2017  
\_\_\_\_\_  
Date

\_\_\_\_\_  
Kai ZHANG

\_\_\_\_\_  
Date

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Title: Method of Video Coding Using Binary Tree Block Partitioning

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Serial No. PCT/CN2015/096761

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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.

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

\_\_\_\_\_  
Jicheng AN

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Date

\_\_\_\_\_  
Yi-Wen CHEN

\_\_\_\_\_  
Date

Kai Zhang  
\_\_\_\_\_  
Kai ZHANG

May 16th 2017  
\_\_\_\_\_  
Date