

## 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>
CHIA-YANG TSAI	02/04/2020
WEIJIA ZHU	02/04/2020
KAI WANG	02/04/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	REALNETWORKS, INC.
<b>Street Address:</b>	1501 1ST AVENUE SOUTH
<b>Internal Address:</b>	SUITE 600
<b>City:</b>	SEATTLE
<b>State/Country:</b>	WASHINGTON
<b>Postal Code:</b>	98134
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16493695
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(206)682-6031
<i>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.</i>	
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<b>Address Line 1:</b>	SEED IP LAW GROUP LLP
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<b>ATTORNEY DOCKET NUMBER:</b>	780099.428USPC
<b>NAME OF SUBMITTER:</b>	KARL A. HEFTER
<b>SIGNATURE:</b>	/Karl A. Hefter/
<b>DATE SIGNED:</b>	04/28/2020
<b>Total Attachments: 3</b>	
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## ASSIGNMENT

WHEREAS, we,

<b>Name</b>	<b>Address</b>	
Chia-Yang TSAI	12644 NE 2 <sup>nd</sup> Street, Bellevue, WA 98005	;
Weijia ZHU	1501 1st Avenue S., Suite 600, Seattle, WA 98134	; and
Kai WANG	1501 1st Avenue S., Suite 600, Seattle, WA 98134	

(hereinafter referred to as ASSIGNORS), having mailing addresses as listed above, are the joint inventors of an invention entitled "CONDENSED CODING BLOCK HEADERS IN VIDEO CODING SYSTEMS AND METHODS," as described and claimed in the specification for which an application for United States letters patent was filed on September 12, 2019, and assigned Application No. 16/493,695; which application is a national stage application filed under 35 U.S.C. 371 of International Application No. PCT/CN2017/076807, accorded an International Filing Date of March 15, 2017;

WHEREAS,

<b>Name</b>	<b>Address</b>
REALNETWORKS, INC.	1501 1st Avenue S., Suite 600, Seattle, WA 98134


(hereinafter referred to as ASSIGNEE), having a usual place of business at the address listed above, 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 therefor in the United States;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said 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 including any extensions or adjustments in term thereof, and in any and all divisions, reissues and continuations thereof, including the right to sue and collect damages for past and present infringement of said letters patent; 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 letters patent on said invention, for litigation

International Application No.: PCT/CN2017/076807  
U.S. Application No.: 16/493,695

regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

02/04/2020  
Date

  
\_\_\_\_\_  
Chia-Yang TSAI (Assignor)

02/04/2020  
Date

weijia zhu  
\_\_\_\_\_  
Weijia ZHU (Assignor)


02/04/2020  
Date

kai wang  
\_\_\_\_\_  
Kai WANG (Assignor)

weijia zhu

REALNETWORKS, INC.

2-20-20  
Date

  
(Assignee)  
(Signatory Signature)

Cyrus Christenson, Deputy General Counsel  
(Assignee Signatory Name, Title)

Docket No. 780099.428USPC:6977404\_1