PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6916164

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUE YU	06/16/2017
LIMIN WANG	06/22/2017
KRIT PANUSOPONE	06/16/2017

RECEIVING PARTY DATA

Name:	ARRIS ENTERPRISES LLC	
Street Address:	3871 LAKEFIELD DRIVE	
City:	SUWANEE	
State/Country:	GEORGIA	
Postal Code:	30024	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17475136

CORRESPONDENCE DATA

Fax Number: (503)228-4373

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.

Phone: 5032275631

Email: KAR.docket@chernofflaw.com

CHERNOFF, VILHAUER MCCLUNG & STENZEL LLP **Correspondent Name:**

Address Line 1: 111 SW COLUMBIA STREET SUITE 725

SUITE 725 Address Line 2:

Address Line 4: PORTLAND, OREGON 97201

ATTORNEY DOCKET NUMBER:	ARR01378-C2	
NAME OF SUBMITTER:	KEVIN L. RUSSELL	
SIGNATURE:	/Kevin L. Russell/	
DATE SIGNED:	09/14/2021	

Total Attachments: 4

source=20210914 Executed Assignment ARR01378-C2 9653.0167-002#page1.tif source=20210914 Executed Assignment ARR01378-C2 9653.0167-002#page2.tif source=20210914 Executed Assignment ARR01378-C2 9653.0167-002#page3.tif

PATENT REEL: 057481 FRAME: 0433 506869342

source=20210914 Executed Assignment ARR01378-C2 9653.0167-002#page4.tif

PATENT REEL: 057481 FRAME: 0434

ASSIGNMENT

WHEREAS we, Yue Yu, Limin Wang, Krit Panusopone, (hereinafter collectively referred to as ASSIGNOR), have invented certain inventions and improvements entitled "Weighted Angular Prediction Coding for Intra Coding" disclosed in Patent Application Number 15605905 filed in the United States Patent and Trademark Office on May 25, 2017; and as described, illustrated and claimed in the following applications: U.S. Provisional Application No. 62/341210, filed on May 25, 2016; U.S. Provisional Application No. 62/481285, filed on April 4, 2017; U.S. Provisional Application No. 62/481671, filed on April 4, 2017; and U.S. Provisional Application No. 62/486939, filed on April 18, 2017, and;

WHEREAS, ARRIS Enterprises LLC, a limited liability company formed under the laws of Delaware, having a principal place of business at 3871 Lakefield Drive, Suwanee, Georgia 30024 (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to, and under said invention and the United States Letters Patent to be obtained therefore:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS hereby sell, assign, and transfer to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefore on said patent application, design patent application, or any continuation, continuation-in-part, divisional, reexamination, renewal, substitute, or reissue thereof and in and to all Letters Patent and all Convention and Treaty rights of all kinds, in all countries throughout the world for said invention for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants that ASSIGNOR will promptly provide ASSIGNEE, upon its request, with all pertinent facts and documents relating to said application, said invention, and said Letters Patent as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments, or affidavits required to apply for, obtain, maintain, and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

1

PATENT REEL: 057481 FRAME: 0435 DATE 06/16/2017

Yue Yu

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of the document.

State of California

County of Jan Orego)ss

)

On June 16,2017, b

personally appeared

, before me, Landra Jerkus,

Name of Notary Public

Name(s) of Signer(s)

Who proved to me on the basis of satisfactory evidence to be the person(s) who name(s) is are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(fes), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

SANDRA JENKINS

Notary Public - California

San Diego County

Commission # 2147908

My Comm. Expires Apr 27, 2020

WITNESS my hand and official seal.

Signature

Signature of Notary Publi

Place Notary Seaf Above

Limin Wang

DATE 06

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of the document.

State of California

2017, before me,_

personally appeared

Who proved to me on the basis of satisfactory evidence to be the person(s) who name(s) is are subscribed to the within instrument and acknowledged to me that he/she/they___ executed the same in his/her/their authorized capacity(les), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct,

enleus



WITNESS my hand and official seal.

Signature

Signature of Notary Public

Place Notary Seal Above

)

JUNE 16, 2017 DATE

Krit Panusopone

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of the document.

State of California

Make 16, 2017, before me, / and ran Name of Notary Public

personally appeared Kut Panissopous

Who proved to me on the basis of satisfactory evidence to be the person(s) who name(s) is are subscribed to the within instrument and acknowledged to me that he/she/theyexecuted the same in his/her/their authorized capacity(les), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

SANDRA JENKINS Notary Public - California San Diego County Commission # 2147908 My Comm. Expires Apr 27, 2020

WITNESS my hand and official seal.

Signature

Place Notary Seal Above

4

PATENT REEL: 057481 FRAME: 0438

RECORDED: 09/14/2021