

<b>PATENT ASSIGNMENT COVER SHEET</b>
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 Stylesheet Version v1.2

EPAS ID: PAT7505591

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YUE YU	11/04/2014
LIMIN WANG	11/04/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ARRIS ENTERPRISES LLC
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<b>City:</b>	SUWANEE
<b>State/Country:</b>	GEORGIA
<b>Postal Code:</b>	30024
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16548836
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	ARR00131-C1
<b>NAME OF SUBMITTER:</b>	KURT ROHLFS
<b>SIGNATURE:</b>	/Kurt Rohlfs/
<b>DATE SIGNED:</b>	08/25/2022
<b>Total Attachments: 3</b>	
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## ASSIGNMENT

WHEREAS we, Yue Yu and Limin Wang, (hereinafter collectively referred to as ASSIGNOR), have invented certain inventions and improvements entitled "Bit Depth Variable for High Precision Data in Weighted Prediction Syntax and Semantics" disclosed in Patent Disclosure Number IDFA00131, and we hereby authorize and request a designated attorney associated with Customer No. 21924, to insert here in parentheses (Application Number \_\_\_\_\_, filed \_\_\_\_\_) the application number and filing date of said application when known; and as described, illustrated and claimed in the following applications: U.S. Provisional Application No. 61/900,332, filed on November 5, 2013, entitled "Modification of Weighted Prediction Syntax and Semantics for HEVC Range Extension", and;

WHEREAS, ARRIS Enterprises, Inc., a corporation 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.

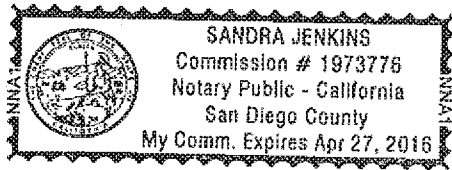
11/04/2014  
Date

[Signature]  
Yue Yu

State of California )  
County of San Diego )ss

On Nov 4, 2014, before me, Sandra Jenkins, Notary Public  
Date Name of Notary Public  
personally appeared Yue Yu  
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(ies), 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.

WITNESS my hand and official seal.

Signature [Signature]  
Signature of Notary Public

Place Notary Seal Above

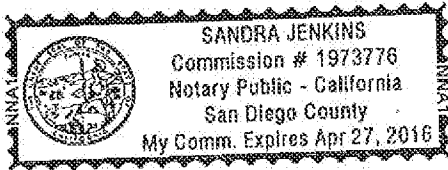
11/04/2014  
Date

Limin Wang  
Limin Wang

State of California )  
County of San Diego )ss

On Nov 4, 2014, before me, Sandra Jenkins, Notary Public  
Date Name of Notary Public  
personally appeared Limin Wang  
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(ies), 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.

WITNESS my hand and official seal.

Signature Sandra Jenkins  
Signature of Notary Public

Place Notary Seal Above