

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5259866

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT												
NATURE OF CONVEYANCE:	Corrective Assignment to correct the THE ADDRESS OF THE ASSIGNEE NEEDS TO BE CORRECTED TO 5775 MOREHOUSE DRIVE, SAN DIEGO, CALIFORNIA 92121-1714 previously recorded on Reel 039937 Frame 0210. Assignor(s) hereby confirms the THE ASSIGNMENT CONFIRMS THE ASSIGNEE ADDRESS IS LOCATED IN SAN DIEGO, CALIFORNIA..												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>JOEL SOLE ROJALS</td><td>09/23/2016</td></tr><tr><td>ADARSH KRISHNAN RAMASUBRAMONIAN</td><td>09/23/2016</td></tr><tr><td>DMYTRO RUSANOVSKYY</td><td>09/26/2016</td></tr><tr><td>SUNGWON LEE</td><td>09/23/2016</td></tr><tr><td>YE-KUI WANG</td><td>09/23/2016</td></tr></tbody></table>	Name	Execution Date	JOEL SOLE ROJALS	09/23/2016	ADARSH KRISHNAN RAMASUBRAMONIAN	09/23/2016	DMYTRO RUSANOVSKYY	09/26/2016	SUNGWON LEE	09/23/2016	YE-KUI WANG	09/23/2016	
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SUNGWON LEE	09/23/2016												
YE-KUI WANG	09/23/2016												
RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>QUALCOMM INCORPORATED</td></tr><tr><td>Street Address:</td><td>5775 MOREHOUSE DRIVE</td></tr><tr><td>City:</td><td>SAN DIEGO</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>92121-1714</td></tr></table>	Name:	QUALCOMM INCORPORATED	Street Address:	5775 MOREHOUSE DRIVE	City:	SAN DIEGO	State/Country:	CALIFORNIA	Postal Code:	92121-1714			
Name:	QUALCOMM INCORPORATED												
Street Address:	5775 MOREHOUSE DRIVE												
City:	SAN DIEGO												
State/Country:	CALIFORNIA												
Postal Code:	92121-1714												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>15272172</td></tr></tbody></table>	Property Type	Number	Application Number:	15272172									
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Application Number:	15272172												
CORRESPONDENCE DATA													
Fax Number:	(651)735-1102												
<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>													
Phone:	651 735 1100												
Email:	pairedocketing@ssiplaw.com												
Correspondent Name:	SHUMAKER & SIEFFERT, P. A.												
Address Line 1:	1625 RADIO DRIVE, SUITE 100												
Address Line 4:	WOODBURY, MINNESOTA 55125												
ATTORNEY DOCKET NUMBER:	1414-167US01/157321												
NAME OF SUBMITTER:	KAYLA A. TAHTI												
SIGNATURE:	/Kayla A. Tahti/												

DATE SIGNED:	11/30/2018
Total Attachments: 6 source=Corrected_Cover_Sheet#page1.tif source=Corrected_Recordation#page1.tif source=Corrected_Recordation#page2.tif source=Corrected_Recordation#page3.tif source=Corrected_Recordation#page4.tif source=Corrected_Recordation#page5.tif	

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT4082851

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	JOEL SOLE ROJALS	09/23/2016
	ADARSH KRISHNAN RAMASUBRAMONIAN	09/23/2016
	DMYTRO RUSANOVSKYY	09/26/2016
	SUNGWON LEE	09/23/2016
	YE-KUI WANG	09/23/2016
RECEIVING PARTY DATA		
Name:	QUALCOMM INCORPORATED	
Street Address:	1625 RADIO DRIVE, SUITE 100 5775 MOREHOUSE DRIVE	
City:	WOODBURY SAN DIEGO	
State/Country:	MINNESOTA CALIFORNIA	
Postal Code:	55125 92121-1714	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	15272172	
CORRESPONDENCE DATA		
Fax Number:	(651)735-1102	
<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>		
Phone:	651 735 1100	
Email:	pairedocketing@ssiplaw.com	
Correspondent Name:	SHUMAKER & SIEFFERT, P. A.	
Address Line 1:	1625 RADIO DRIVE, SUITE 100	
Address Line 4:	WOODBURY, MINNESOTA 55125	
ATTORNEY DOCKET NUMBER:	1414-167US01/157321	
NAME OF SUBMITTER:	KAYLA A. TAHTI	
SIGNATURE:	/Kayla A. Tahti/	
DATE SIGNED:	10/04/2016	
Total Attachments: 3		
source=157321_Signed_Assignment#page1.tif		



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

OCTOBER 5, 2016

PTAS

SHUMAKER & SIEFFERT, P. A.
1625 RADIO DRIVE, SUITE 100
WOODBURY, MN 55125

504036189

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 10/04/2016

REEL/FRAME: 039937/0210
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 1414-167US01/157321

ASSIGNOR:

SOLE ROJALS, JOEL

DOC DATE: 09/23/2016

ASSIGNOR:

RAMASUBRAMONIAN, ADARSH KRISHNAN

DOC DATE: 09/23/2016

ASSIGNOR:

RUSANOVSKYY, DMYTRO

DOC DATE: 09/26/2016

ASSIGNOR:

LEE, SUNGWON

DOC DATE: 09/23/2016

ASSIGNOR:

WANG, YE-KUI

DOC DATE: 09/23/2016

ASSIGNEE:

QUALCOMM INCORPORATED

~~1625 RADIO DRIVE, SUITE 100~~

~~WOODBURY, MINNESOTA 55125~~

5775 MOREHOUSE DRIVE

SAN DIEGO, CALIFORNIA 92121-1714

APPLICATION NUMBER: 15272172

FILING DATE: 09/21/2016

PATENT NUMBER:

ISSUE DATE:

TITLE: VIDEO DECODER CONFORMANCE FOR HIGH DYNAMIC RANGE (HDR) VIDEO
CODING USING A CORE VIDEO STANDARD

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

ASSIGNMENT

WHEREAS, WE,

1. **Joel Sole Rojals**, a citizen of Spain, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 92121-1714, and a resident of San Diego, California,
2. **Adarsh Krishnan Ramasubramonian**, a citizen of India, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 92121-1714, and a resident of San Diego, California,
3. **Dmytro Rusanovskyy**, a citizen of Ukraine, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 92121-1714, and a resident of San Diego, California,
4. **Sungwon Lee**, a citizen of the Republic of Korea, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 92121-1714, and a resident of San Diego, California,
5. **Ye-Kui Wang**, a citizen of China, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 92121-1714, and a resident of San Diego, California,

have conceived of one or more processes, methods, machines, articles of manufacture, designs, compositions of matter, inventions, discoveries or new or useful improvements relating to **VIDEO DECODER CONFORMANCE FOR HIGH DYNAMIC RANGE (HDR) VIDEO CODING USING A CORE VIDEO STANDARD** (collectively the “**INVENTIONS**”) for which WE have executed and/or may execute one or more patent applications therefor; and

WHEREAS, QUALCOMM Incorporated (hereinafter “**ASSIGNEE**”), a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, U.S.A., desires to acquire or otherwise obtain the entire right, title, and interest in and to said **INVENTIONS**, including all inventions related thereto or thereof, all patent applications therefor, and all patents that have granted or may be granted hereafter thereon, including but not limited to those identified below.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, WE do hereby acknowledge that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto **ASSIGNEE**, its successors, its legal representatives, and its assigns, the entire right, title, and interest throughout the world in and to said **INVENTIONS**, including all patent applications therefor that may have been filed or may be filed hereafter for said **INVENTIONS** in the United States, including but not limited to U.S. Application No. **15/272,172** filed **September 21, 2016**, Qualcomm Reference No. **157321**, and all provisional applications relating thereto, together with U.S. Provisional Application No. **62/222,147**, filed **September 22, 2015**, Qualcomm Reference No. **157321P1** (and do hereby authorize **ASSIGNEE** and its representative to hereafter add herein such application number(s) and/or filing date(s) when known), and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, and design applications thereof, and

all issued patents of the United States which may have granted or may be granted hereafter thereon and all reissues, renewals, reexaminations, and extensions to any of the foregoing and all patents issuing thereon in the United States;

AND WE further do acknowledge and agree that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, all rights of priority under International Conventions, Treaties, or Agreements, and the entire right, title, and interest throughout the world in said INVENTIONS, including all inventions related thereto or thereof, and all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in any foreign country, countries, or treaty/union organizations, and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, patent of addition applications, confirmation applications, validation applications, utility model applications, and design applications thereof, and all issued patents which may have granted or may be granted hereafter for said INVENTIONS in any country or countries foreign to the United States, and all reissues, renewals, reexaminations, and extensions thereof;

AND WE DO HEREBY authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications or registrations, to issue all patents for said INVENTIONS to said ASSIGNEE, its successors, its legal representatives and its assigns, in accordance with the terms of this instrument;

AND WE DO HEREBY sell, assign, transfer, and convey to said ASSIGNEE, its successors, its legal representatives, and its assigns all claims for damages and all remedies arising out of or relating to any violation(s) of any of the rights assigned hereby that have or may have accrued prior to the date of assignment to said ASSIGNEE, or may accrue hereafter, including, but not limited to the right to sue for, seek, obtain, collect, recover, and retain damages and any ongoing or prospective royalties to which WE may be entitled, or that WE may collect for any infringement or from any settlement or agreement related to any of said patents before or after issuance;

AND WE HEREBY covenant and agree that WE will communicate promptly to said ASSIGNEE, its successors, its legal representatives, and its assigns, any facts known to us respecting said INVENTIONS, and will testify in any legal proceeding, sign all lawful papers, execute all applications and certificates, make all rightful declarations and/or oaths, and provide all lawful assistance to said ASSIGNEE, its successors, its legal representatives and its assigns, to obtain and enforce patent protection for said INVENTIONS in all countries;

AND WE HEREBY covenant that WE will not execute any writing or do any act whatsoever conflicting with these presents.

Done at San Diego, CA on 9/23/2016
LOCATION DATE


Joel Sole Rojals

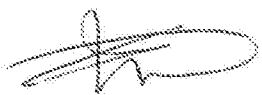
Done at San Diego, on 9/23/2016
LOCATION DATE


Adarsh Krishnan Ramasubramonian

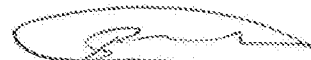
Done at San Diego, on 9/26/2016
LOCATION DATE


Dmytro Rusanovskyy

Done at San Diego, on 9/23/2016
LOCATION DATE


Sungwon Lee

Done at San Diego, on 09/23/2016
LOCATION DATE


Ye-Kui Wang