PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YANJUN SUN	08/27/2021
ALFRED ASTERJADHI	08/22/2021
GEORGE CHERIAN	09/12/2021
ABHISHEK PRAMOD PATIL	08/23/2021
SAI YIU DUNCAN HO	08/23/2021

RECEIVING PARTY DATA

Name:	QUALCOMM INCORPORATED	
Street Address:	5775 MOREHOUSE DRIVE	
City:	SAN DIEGO	
State/Country:	CALIFORNIA	
Postal Code:	92121-1714	

PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	17396091
Application Number:	63064323
Application Number:	63069957

CORRESPONDENCE DATA

Fax Number: (669)272-0771

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: 669-272-0770

Email: uspto@paradiceli.com

Correspondent Name: PARADICE AND LI LLP/QUALCOMM

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Address Line 2: SUITE 300

Address Line 4: CAMPBELL, CALIFORNIA 95008

ATTORNEY DOCKET NUMBER:	QCA207385
NAME OF SUBMITTER:	MEG DRURY
SIGNATURE:	/Meg Drury/
DATE SIGNED:	09/15/2021

Total Attachments: 7 source=207385_Assignment_FINAL#page1.tif source=207385_Assignment_FINAL#page2.tif source=207385_Assignment_FINAL#page3.tif source=207385_Assignment_FINAL#page4.tif source=207385_Assignment_FINAL#page5.tif source=207385_Assignment_FINAL#page6.tif source=207385_Assignment_FINAL#page6.tif

ASSIGNMENT

WHEREAS, WE,

- 1. Yanjun SUN, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714, U. S.A.,
- 2. Alfred ASTERJADHI, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714, U.S.A.,
- 3. George CHERIAN, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714, U.S.A.,
- 4. Abhishek Pramod PATIL, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714, U.S.A.,
- 5. Sai Yiu Duncan HO, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714, U.S.A.,

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 **ENHANCED BANDWIDTH NEGOTIATION** (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(s). 17/396,091 filed August 06, 2021, Qualcomm Reference Number 207385, and all provisional applications relating thereto, together with **U.S. Provisional Application No(s)**. 63/064,323 filed August 11, 2020, Qualcomm Reference Number 207385P1, U.S. Provisional Application No(s). 63/069,957 filed August 25, 2020, Qualcomm Reference Number 207385P2, (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

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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 the United States or 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 me 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;

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Document ID: 1629460064901 v1

City, State, Country

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

these presents.

Done San Diego, CA, USA , on 8/27/20 at

Date

8/27/2021

Yanjun SUN

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

<u>SAN DIEGO (A U.S.A., on 08/22/2021</u>

Alfred ASTERJADHI

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

Done

i JAN WIEJO, CA

City, State, Country

on

mi

George C

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

Done æ

Sour Diego, CA, USA 01 8/23/21

City, State, Country

Date

Abbishek Pramod PATE

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

Done

Sun Dingo (A) (ISA), on (23/20/ City, State, Country Date

PATENT REEL: 057488 FRAME: 0647

RECORDED: 09/15/2021