

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7201563

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the EXECUTION DATE FOR INVENTOR FATIH MURAT PORIKLI FROM 09/13/2021 TO 09/03/2021 previously recorded on Reel 057708 Frame 0190. Assignor(s) hereby confirms the CORRECT EXECUTION DATE FOR INVENTOR FATIH MURAT PORIKLI IS 09/03/2021 AS INDICATED ON THE ASSIGNMENT.										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>JAMIE MENJAY LIN</td><td>08/31/2021</td></tr><tr><td>SHIZHONG STEVE HAN</td><td>08/30/2021</td></tr><tr><td>FATIH MURAT PORIKLI</td><td>09/03/2021</td></tr></tbody></table>	Name	Execution Date	JAMIE MENJAY LIN	08/31/2021	SHIZHONG STEVE HAN	08/30/2021	FATIH MURAT PORIKLI	09/03/2021			
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SHIZHONG STEVE HAN	08/30/2021										
FATIH MURAT PORIKLI	09/03/2021										
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	
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Street Address:	5775 MOREHOUSE DRIVE										
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Postal Code:	92121-1714										
PROPERTY NUMBERS Total: 2											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>17407046</td></tr><tr><td>Application Number:</td><td>63068891</td></tr></tbody></table>	Property Type	Number	Application Number:	17407046	Application Number:	63068891					
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Application Number:	17407046										
Application Number:	63068891										
CORRESPONDENCE DATA											
Fax Number:	(713)623-4846										
<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:	713-623-4844										
Email:	cgollands@pattersonsheridan.com, psdocketing@pattersonsheridan.com										
Correspondent Name:	PATTERSON + SHERIDAN LLP										
Address Line 1:	24 GREENWAY PLAZA, SUITE 1600										
Address Line 4:	HOUSTON, TEXAS 77046										
ATTORNEY DOCKET NUMBER:	QUAL/206475US										
NAME OF SUBMITTER:	NICHOLAS R. TRANSIER										
SIGNATURE:	/Nicholas R. Transier/										
DATE SIGNED:	03/01/2022										

Total Attachments: 7

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JAMIE MENJAY LIN	08/31/2021
SHIZHONG STEVE HAN	08/30/2021
FATIH MURAT PORIKLI	09/13/2021
RECEIVING PARTY DATA	
Name:	QUALCOMM INCORPORATED
Street Address:	5775 MOREHOUSE DRIVE
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92121-1714
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	17407046
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CORRESPONDENCE DATA	
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Correspondent Name:	PATTERSON + SHERIDAN LLP
Address Line 1:	24 GREENWAY PLAZA, SUITE 1600
Address Line 4:	HOUSTON, TEXAS 77046
ATTORNEY DOCKET NUMBER:	QUAL/206475US
NAME OF SUBMITTER:	NICHOLAS R. TRANSIER
Signature:	/Nicholas R. Transier/
Date:	10/05/2021

Total Attachments: 5

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RECEIPT INFORMATION**EPAS ID:** PAT6953972**Receipt Date:** 10/05/2021

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ASSIGNMENT

WHEREAS, WE,

1. **Jamie Menjay LIN**, having a mailing address located at **5775 Morehouse Drive, San Diego, California 92121-1714, U.S.A.**,
2. **Shizhong Steve HAN**, having a mailing address located at **5775 Morehouse Drive, San Diego, California 92121-1714, U.S.A.**,
3. **Fatih Murat PORIKLI**, 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 **TABULAR CONVOLUTION AND ACCELERATION** (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). 17/407,046** filed **August 19, 2021**, **Qualcomm Reference Number 206475**, and all provisional applications relating thereto, together with **U.S. Provisional Application No(s). 63/068,891** filed **August 21, 2020**, **Qualcomm Reference Number 206475P1**, (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 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,

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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;

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, USA

on

08/31/2021



City, State, Country

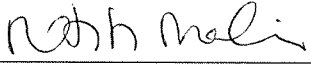
Date

Jamie Menjay LIN

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, USA. on 08/30/2021 Shizhong Han
City, State, Country Date Shizhong Steve HAN

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, USA. on 9/3/2021 
City, State, Country Date Fatih Murat PORIKLI