

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

Assignment ID: PAT1215934

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the signature execution date of the fourth inventor previously recorded on Reel 67274 Frame 392. Assignor(s) hereby confirms the assignment.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Wooseok NAM	12/29/2020
Jing SUN	12/22/2020
Xiaoxia ZHANG	12/27/2020
Tao LUO	01/12/2021
Ozcan OZTURK	01/03/2021
Arumugam CHENDAMARAI KANNAN	01/24/2021
<b>RECEIVING PARTY DATA</b>	
<b>Company Name:</b>	QUALCOMM INCORPORATED
<b>Street Address:</b>	5775 MOREHOUSE DRIVE
<b>City:</b>	SAN DIEGO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92121-1714
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17127720
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
<b>Phone:</b>	(303)473-2700
<b>Email:</b>	ejspencer@hollandhart.com,qualcommformaldocs@hollandhart.com
<b>Correspondent Name:</b>	J. SCOTT KARREN
<b>Address Line 1:</b>	P.O. BOX 11583
<b>Address Line 4:</b>	Salt Lake City, UTAH 84147
<b>ATTORNEY DOCKET NUMBER:</b>	PS910 (107922.0963)
<b>NAME OF SUBMITTER:</b>	Elizabeth Juntunen
<b>SIGNATURE:</b>	Elizabeth Juntunen
<b>DATE SIGNED:</b>	05/07/2024

**Total Attachments: 9**

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## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

Assignment ID: PATI201062

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the record by replacing the assignment document previously recorded on Reel 55328 Frame 202. Assignor(s) hereby confirms the assignment.
<b>RESUBMIT DOCUMENT ID:</b>	508473303

## CONVEYING PARTY DATA

Name	Execution Date
Wooseok NAM	12/29/2020
Jing SUN	12/22/2020
Xiaoxia ZHANG	12/27/2020
Tao LUO	01/21/2021
Ozcan OZTURK	01/03/2021
Arumugam CHENDAMARAI KANNAN	01/24/2021

## RECEIVING PARTY DATA

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

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17127720

## CORRESPONDENCE DATA

## Fax Number:

*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: (303)473-2700

Email: ejspencer@hollandhart.com, qualcommformaldocs@hollandhart.com

Correspondent Name: J. SCOTT KARREN

Address Line 1: P.O. BOX 11583

Address Line 4: Salt Lake City, UTAH 84147

<b>ATTORNEY DOCKET NUMBER:</b>	PS910 (107922.0963)
<b>NAME OF SUBMITTER:</b>	Elizabeth Juntunen
<b>SIGNATURE:</b>	Elizabeth Juntunen

**ASSIGNMENT**

WHEREAS, WE,

1. **Woosok NAM**, having a mailing address located at **5775 Morehouse Drive, San Diego, CA 92121**,
2. **Jing SUN**, having a mailing address located at **5775 Morehouse Drive, San Diego, CA 92121**,
3. **Xiaoxia ZHANG**, having a mailing address located at **5775 Morehouse Drive, San Diego, CA 92121**,
4. **Tao LUO**, having a mailing address located at **5775 Morehouse Drive, San Diego, CA 92121**,
5. **Ozcan OZTURK**, having a mailing address located at **5775 Morehouse Drive, San Diego, CA 92121**,
6. **Arumugam CHENDAMARAI KANNAN**, having a mailing address located at **5775 Morehouse Drive, San Diego, CA 92121**,

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 **TECHNIQUES FOR ADAPTING SCHEDULING TIMELINE TO PROCESSING GRID** (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). 17/127,720 filed December 18, 2020. **Qualcomm Reference Number 2100219**, (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 Jose, CA, on 11/11/2015 Wooseok NAM  
City, State, Country Date

Done at \_\_\_\_\_, on \_\_\_\_\_  
City, State, Country Date Jing SUN

Done at \_\_\_\_\_, on \_\_\_\_\_  
City, State, Country Date Xiaoxia ZHANG

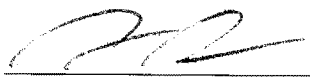
Done at \_\_\_\_\_, on \_\_\_\_\_  
City, State, Country Date Tao LUO

Done at \_\_\_\_\_, on \_\_\_\_\_  
City, State, Country Date Ozcan OZTURK

Done at \_\_\_\_\_, on \_\_\_\_\_  
City, State, Country Date Arumugam CHENDAMARAI KANNAN

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

Done at \_\_\_\_\_, on \_\_\_\_\_  
City, State, Country Date Wooseok NAM

Done at San Diego CA. USA, on 12/22/2020  
City, State, Country Date   
Jing SUN

Done at \_\_\_\_\_, on \_\_\_\_\_  
City, State, Country Date Xiaoxia ZHANG

Done at \_\_\_\_\_, on \_\_\_\_\_  
City, State, Country Date Tao LUO

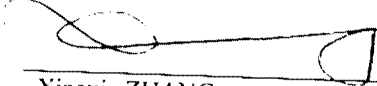
Done at \_\_\_\_\_, on \_\_\_\_\_  
City, State, Country Date Ozcan OZTURK

Done at \_\_\_\_\_, on \_\_\_\_\_  
City, State, Country Date Arumugam CHENDAMARAI KANNAN

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

Done at \_\_\_\_\_, on \_\_\_\_\_  
City, State, Country Date  
Wooseok NAM

Done at \_\_\_\_\_, on \_\_\_\_\_  
City, State, Country Date  
Jing SUN

Done at San Diego, on 12/27/2020  
City, State, Country Date  
  
Xiaoxia ZHANG

Done at \_\_\_\_\_, on \_\_\_\_\_  
City, State, Country Date  
Tao LUO

Done at \_\_\_\_\_, on \_\_\_\_\_  
City, State, Country Date  
Ozcan OZTURK

Done at \_\_\_\_\_, on \_\_\_\_\_  
City, State, Country Date  
Arumugam CHENDAMARAI KANNAN



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

Done at \_\_\_\_\_, on \_\_\_\_\_  
City, State, Country Date Wooseok NAM

Done at \_\_\_\_\_, on \_\_\_\_\_  
City, State, Country Date Jing SUN

Done at \_\_\_\_\_, on \_\_\_\_\_  
City, State, Country Date Xiaoxia ZHANG

Done at San Diego, CA, on 01/12/2021  
City, State, Country Date Tao LUO

Done at \_\_\_\_\_, on \_\_\_\_\_  
City, State, Country Date Ozcan OZTURK

Done at \_\_\_\_\_, on \_\_\_\_\_  
City, State, Country Date Arumugam CHENDAMARAI KANNAN


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

Done at \_\_\_\_\_, on \_\_\_\_\_  
City, State, Country Date Wooseok NAM

Done at \_\_\_\_\_, on \_\_\_\_\_  
City, State, Country Date Jing SUN

Done at \_\_\_\_\_, on \_\_\_\_\_  
City, State, Country Date Xiaoxia ZHANG

Done at \_\_\_\_\_, on \_\_\_\_\_  
City, State, Country Date Tao LUO

Done at San Diego, CA, on 01/03/2021  
USA ~~2020~~ Date   
City, State, Country Ozcan OZTURK

Done at \_\_\_\_\_, on \_\_\_\_\_  
City, State, Country Date Arumugam CHENDAMARAI KANNAN

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

Done at \_\_\_\_\_, on \_\_\_\_\_  
City, State, Country Date

Woosok NAM

Done at \_\_\_\_\_, on \_\_\_\_\_  
City, State, Country Date

Jing SUN

Done at \_\_\_\_\_, on \_\_\_\_\_  
City, State, Country Date

Xiaoxia ZHANG

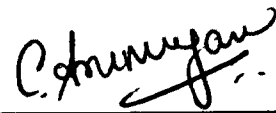
Done at \_\_\_\_\_, on \_\_\_\_\_  
City, State, Country Date

Tao LUO

Done at \_\_\_\_\_, on \_\_\_\_\_  
City, State, Country Date

Ozcan OZTURK

Done at San Diego, CA, USA, on 01/24/2024  
City, State, Country Date



Arumugam CHENDAMARAI KANNAN