

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT6676976

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CARL HARDIN	04/08/2021
BRIAN CLARKE BANISTER	02/22/2021
SHRENIK PATEL	03/16/2021
MICHAEL KOHLMANN	03/05/2021
LIANG ZHAO	03/16/2021
LE NGUYEN LUONG	02/10/2021
TEVFIK YUCEK	02/12/2021
ROLAND RICK	03/09/2021
SHRIRAM GURUMOORTHY	03/19/2021
FRANCIS NGAI	04/02/2021
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:	17171915
Application Number:	62972597
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Email:	qualcomm-pto@lozaip.com
Correspondent Name:	LOZA & LOZA, LLP/QUALCOMM
Address Line 1:	305 NORTH SECOND AVE., # 127
Address Line 4:	UPLAND, CALIFORNIA 91726
ATTORNEY DOCKET NUMBER:	QCOM-4079US (202516)

NAME OF SUBMITTER:	JULIO LOZA
SIGNATURE:	/Julio Loza/
DATE SIGNED:	04/26/2021
Total Attachments: 14 source=202516_Assignment_signed_filed_04-26-2021#page1.tif source=202516_Assignment_signed_filed_04-26-2021#page2.tif source=202516_Assignment_signed_filed_04-26-2021#page3.tif source=202516_Assignment_signed_filed_04-26-2021#page4.tif source=202516_Assignment_signed_filed_04-26-2021#page5.tif source=202516_Assignment_signed_filed_04-26-2021#page6.tif source=202516_Assignment_signed_filed_04-26-2021#page7.tif source=202516_Assignment_signed_filed_04-26-2021#page8.tif source=202516_Assignment_signed_filed_04-26-2021#page9.tif source=202516_Assignment_signed_filed_04-26-2021#page10.tif source=202516_Assignment_signed_filed_04-26-2021#page11.tif source=202516_Assignment_signed_filed_04-26-2021#page12.tif source=202516_Assignment_signed_filed_04-26-2021#page13.tif source=202516_Assignment_signed_filed_04-26-2021#page14.tif	

ASSIGNMENT

WHEREAS, WE,

1. **Carl HARDIN**, having a mailing address located at **5775 Morehouse Drive San Diego, CA 92121-1714**,
2. **Brian Clarke BANISTER**, having a mailing address located at **5775 Morehouse Drive San Diego, CA 92121-1714**,
3. **Shrenik PATEL**, having a mailing address located at **5775 Morehouse Drive San Diego, CA 92121-1714**,
4. **Michael KOHLMANN**, having a mailing address located at **5775 Morehouse Drive San Diego, CA 92121-1714**,
5. **Liang ZHAO**, having a mailing address located at **5775 Morehouse Drive San Diego, CA 92121-1714**,
6. **Le Nguyen LUONG**, having a mailing address located at **5775 Morehouse Drive San Diego, CA 92121-1714**,
7. **Tevfik YUCEK**, having a mailing address located at **5775 Morehouse Drive San Diego, CA 92121-1714**,
8. **Roland RICK**, having a mailing address located at **5775 Morehouse Drive San Diego, CA 92121-1714**,
9. **Shriram GURUMOORTHY**, having a mailing address located at **5775 Morehouse Drive San Diego, CA 92121-1714**,
10. **Francis NGAI**, having a mailing address located at **5775 Morehouse Drive San Diego, CA 92121-1714**,

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 RADIO FREQUENCY COEXISTENCE MITIGATIONS WITHIN WIRELESS USER EQUIPMENT HANDSETS (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). 17/171,915 filed February 9, 2021, **Qualcomm Reference Number 202516**, and all provisional applications relating thereto, together with U.S Provisional Application No(s). 62/972,597, filed February 10, 2020, **Qualcomm Reference Number 202516P1**, (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 _____, on _____
City, State, Country Date **Carl HARDIN**

Done at _____, on _____
City, State, Country Date **Brian Clarke BANISTER**

Done at _____, on _____
City, State, Country Date **Shrenik PATEL**

Done at _____, on _____
City, State, Country Date **Michael KOHLMANN**

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 **Liang ZHAO**

Done at _____, on _____
City, State, Country Date **Le Nguyen LUONG**

Done at _____, on _____
City, State, Country Date **Tevfik YUCEK**

Done at _____, on _____
City, State, Country Date **Roland RICK**

Done at _____, on _____
City, State, Country Date **Shriram GURUMOORTHY**

Done at _____, on _____
City, State, Country Date **Francis NGAI**

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, on APR 2021
CA, USA
City, State, Country Date
Carl HARDIN

Done at _____, on _____
City, State, Country Date
Brian Clarke BANISTER

Done at _____, on _____
City, State, Country Date
Shrenik PATEL

Done at _____, on _____
City, State, Country Date
Michael KOHLMANN

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 _____, on _____
City, State, Country Date Carl HARDIN

Done at San Diego
CA, USA, on 22 Feb 2021
City, State, Country Date


Brian Clarke BANISTER

Done at _____, on _____
City, State, Country Date Shrenik PATEL

Done at _____, on _____
City, State, Country Date Michael KOHLMANN

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 _____, on _____
City, State, Country Date Carl HARDIN

Done at _____, on _____
City, State, Country Date Brian Clarke BANISTER

Done at San Diego, CA, USA, on 3/16/2021
City, State, Country Date Shrenik PATEL

Done at _____, on _____
City, State, Country Date Michael KOHLMANN

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 _____, on _____
City, State, Country Date Carl HARDIN

Done at _____, on _____
City, State, Country Date Brian Clarke BANISTER

Done at _____, on _____
City, State, Country Date Shrenik PATEL

Done at San Francisco, CA, USA, on 3/5/21
City, State, Country Date Michael KOHLMANN

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

Done at Saratoga , CA, USA, on 03/16/2021 /Liang Zhao/
City, State, Country Date **Liang ZHAO**

Done at _____, on _____
City, State, Country Date **Le Nguyen LUONG**

Done at _____, on _____
City, State, Country Date **Tevfik YUCEK**

Done at _____, on _____
City, State, Country Date **Roland RICK**

Done at _____, on _____
City, State, Country Date **Shriram GURUMOORTHY**

Done at _____, on _____
City, State, Country Date **Francis NGAI**

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 Liang ZHAO

Done at San Diego, CA, on 02/10/2021
City, State, Country Date 
Le Nguyen LUONG

Done at _____, on _____
City, State, Country Date Tevfik YUCEK

Done at _____, on _____
City, State, Country Date Roland RICK

Done at _____, on _____
City, State, Country Date Shriram GURUMOORTHY

Done at _____, on _____
City, State, Country Date Francis NGAI

City, State, Country

Date

Liang ZHAO

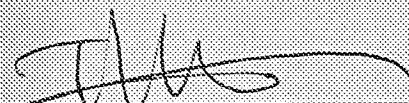
City, State, Country

Date

Le Nguyen LUONG

San Jose, CA, USA

2021-02-12



City, State, Country

Date

Tevfik YUCEK

City, State, Country

Date

Roland RICK

City, State, Country

Date

Shriram GURUMOORTHY

City, State, Country

Date


Roland RICK

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 Liang ZHAO

Done at _____, on _____
City, State, Country Date Le Nguyen LUONG

Done at _____, on _____
City, State, Country Date Tevfik YUCEK

Done at Arvada, CO, USA, on 3/9/21
City, State, Country Date 
Roland RICK

Done at _____, on _____
City, State, Country Date Shriram GURUMOORTHY

Done at _____, on _____
City, State, Country Date Francis NGAI


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
Liang ZHAO

Done at _____, on _____
City, State, Country Date
Le Nguyen LUONG

Done at _____, on _____
City, State, Country Date
Tevfik YUCEK

Done at _____, on _____
City, State, Country Date
Roland RICK

Done at DENVER, CO, USA, on 03/19/2021
City, State, Country Date

Shriram GURUMOORTHY

Done at _____, on _____
City, State, Country Date
Francis NGAI

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 Liang ZHAO

Done at _____, on _____
City, State, Country Date Le Nguyen LUONG

Done at _____, on _____
City, State, Country Date Tevfik YUCEK

Done at _____, on _____
City, State, Country Date Roland RICK

Done at _____, on _____
City, State, Country Date Shriram GURUMOORTHY

LOUISVILLE, CO
Done at _____, on _____
City, State, Country Date Francis NGAI