

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT6808104

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
IDAN MICHAEL HORN	06/23/2021
SHAY LANDIS	07/06/2021
ASSAF TOUBOUL	06/29/2021
RECEIVING PARTY DATA	
Name:	QUALCOMM INCORPORATED
Street Address:	5775 MOREHOUSE DRIVE
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92121-1714
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17353357
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>	
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Email:	docket@harrityllp.com
Correspondent Name:	HARRITY & HARRITY, LLP
Address Line 1:	11350 RANDOM HILLS RD
Address Line 2:	SUITE 600
Address Line 4:	FAIRFAX, VIRGINIA 22030
ATTORNEY DOCKET NUMBER:	0097-2553/2102104
NAME OF SUBMITTER:	SARA STESNEY
SIGNATURE:	/Sara Stesney/
DATE SIGNED:	07/12/2021
Total Attachments: 4	
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source=2102104 Assignment as Filed#page3.tif	

ASSIGNMENT

WHEREAS, WE,


1. **Idan Michael HORN**, having a mailing address located at **5775 Morehouse Drive, San Diego, CA 92121, US**,
2. **Shay LANDIS**, having a mailing address located at **5775 Morehouse Drive, San Diego, CA 92121, US**,
3. **Assaf TOUBOUL**, having a mailing address located at **5775 Morehouse Drive, San Diego, CA 92121, US**,

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 **TONE RESERVATION SIGNALING OUTSIDE OF AN ALLOCATED BANDWIDTH** (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). 17/353,357 filed June 21, 2021, **Qualcomm Reference Number 2102104**, and all provisional applications relating thereto, (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 HEREBY covenant that WE will not execute any writing or do any act whatsoever conflicting with these presents.

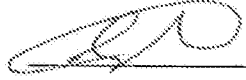
Done at Hod Hasharon, on 27 June 2011 
City, State, Country Date Idan Michael HORN

Done at _____, on _____
City, State, Country Date Shay LANDIS

Done at _____, on _____
City, State, Country Date Assaf TOUBOUL

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 Idan Michael HORN

Done at Hol Holmsten, on 6-JUL-2021 
City, State, Country Date Shay LANDIS

Done at _____, on _____
City, State, Country Date Assaf TOUBOUL

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 Idan Michael HORN

Done at _____, on _____
City, State, Country Date Shay LANDIS

Done at Had Heshavan, on 06/29/2021
City, State, Country Date Assaf TOUBOUL