PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3743704

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ABHISHEK PRAMOD PATIL	02/10/2016
GEORGE CHERIAN	02/16/2016
SANTOSH PAUL ABRAHAM	02/11/2016
ALIREZA RAISSINIA	02/11/2016

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:	14960030

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: 512.327.5515

Email:npasarya@tlgiplaw.comCorrespondent Name:TOLER LAW GROUP, PCAddress Line 1:8500 BLUFFSTONE COVE

Address Line 2: SUITE A201

Address Line 4: AUSTIN, TEXAS 78759

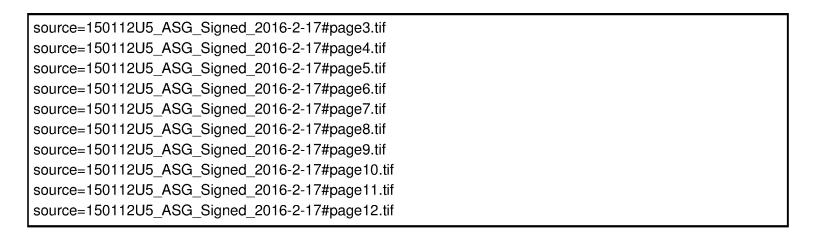
ATTORNEY DOCKET NUMBER:	150112U5
NAME OF SUBMITTER:	NISHI PASARYA
SIGNATURE:	/Nishi Pasarya/
DATE SIGNED:	02/17/2016

Total Attachments: 12

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> PATENT REEL: 037758 FRAME: 0383

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WHEREAS, WE.

- 1. Abhishek Pramod PATIL, a citizen of the Republic of India, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 92121-1714 and a resident of San Diego, CA,
- 2. George CHERIAN, a citizen of the United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 92121-1714 and a resident of San Diego, CA.
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- 4. Alireza RAISSINIA, a citizen of the United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 92121-1714 and a resident of Monte Sereno, CA.

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 TRAFFIC ADVERTISEMENT IN NEIGHBOR AWARE NETWORK (NAN) DATA PATH (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). 14/960,030 filed December 4, 2015, Qualcomm Reference No. 150112U5, and all provisional applications relating thereto, together with U.S. Provisional Application No(s). 62/091,081, filed December 12, 2014, Qualcomm Reference No. 150112P1; 62/129,536, filed March 6, 2015, Qualcomm Reference No. 150112P3; and 62/195,257, filed July 21, 2015, Qualcomm Reference No. 150112P3; and 62/195,257, filed July 21, 2015, Qualcomm Reference No. 150112P4, (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 Dieke	. on 2/10	- [16	ALX.
	San Diego LOCATION		DATE	Abhisbek Pramod PATIL
Done at _				
	LOCATION		DATE	George CHERIAN
Done at				
	LOCATION		DATE	Santosh Paul ABRAHAM
Done at		, on		
	LOCATION		DATE	Alireza RAISSINIA

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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.

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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 at		, on	
	LOCATION	DATE	Abhishek Pramod PATIL
Done at	5m Olec	on 2/16//6	
•	LOCATION	DATE	George CHERIAN
Done at		, on	
-	LOCATION	DATE	Santosh Paul ABRAHAM
Done at		_, on	
	LOCATION	DATE	Alireza RAISSINIA

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Done at,	on	
LOCATION	DATE	Abhishek Pramod PATIL
Done at, LOCATION	DATE	George CHERIAN
Done at <u>JAN DIFGO</u> ,	on 2/11/16	41
LOCATION	DATE	Santosh Paul ABRAHAM
Done at	ກັກ	
LOCATION	DATE	Alireza RAISSINIA

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PATENT
QUALCOMM Ref. No. 150112U5
Page:3 of 3

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Done at _		on	
	LOCATION	DATE	Abhishek Pramod PATIL
One at _		on	
	LOCATION	DATE	George CHERIAN
Done at	5		
	LOCATION	DATE	Santosh Paul ABRAHAM
Done at	TC.	on <u>2/11/2016</u>	
	LOCATION	DATE	Alifeza RAISSINIA

PATENT REEL: 037758 FRAME: 0396

RECORDED: 02/17/2016