505027239 07/30/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

Version v1.1 EPAS ID: PAT5073989

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TIMOTHY DONALD GATHMAN	06/28/2018
YUHUA GUO	07/18/2018
LAI KAN LEUNG	07/19/2018
ELIAS DAGHER	07/19/2018
DINESH JAGANNATH ALLADI	07/23/2018

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:	15962967

CORRESPONDENCE DATA

Fax Number: (310)201-5219

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: 310.277.7200

Email: Qualcomm-USPTO@seyfarth.com

Correspondent Name: SEYFARTH SHAW LLP

Address Line 1: 2029 CENTURY PARK EAST, SUITE 3500

Address Line 4: LOS ANGELES, CALIFORNIA 90067

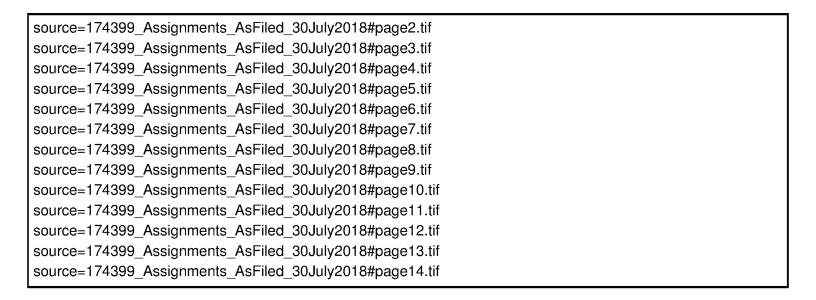
ATTORNEY DOCKET NUMBER:	174399
NAME OF SUBMITTER:	JOSEPH LUTZ
SIGNATURE:	/Joseph Lutz/
DATE SIGNED:	07/30/2018

Total Attachments: 14

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PATENT REEL: 046504 FRAME: 0543

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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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Done at San Diagram on 6/28/2018

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PATENT QUALCOMM Ref. No. 174399 Page 3 of 3

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	LOCATION , on	DATE	Lai Kan LEUNG
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	LOCATION	DATE	Elias DAGHER
Done at	, on		
••	LOCATION	DATE	Dinesh Jagannath ALLADI

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PATENT QUALCOMM Ref. No. 174399 Page 3 of 3

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PATENT REEL: 046504 FRAME: 0558

RECORDED: 07/30/2018