# 504606852 10/23/2017

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
AZIZ GHOLMIEH	10/12/2017
SHAILESH MAHESHWARI	10/18/2017
SRINIVASAN BALASUBRAMANIAN	10/09/2017
YUE YANG	10/09/2017
LEENA ZACHARIAS	10/13/2017
GANG XIAO	10/11/2017
SITARAMANJANEYULU KANAMARLAPUDI	10/11/2017

# **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:	15703582

## **CORRESPONDENCE DATA**

**Fax Number:** (202)857-6395

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:** 2028576000

**Email:** patentdocket@arentfox.com

Correspondent Name: ARENT FOX LLP
Address Line 1: 1717 K STREET, NW

Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER:	030284.14698/170311U1
NAME OF SUBMITTER:	NATASHA BROWN
SIGNATURE:	/Natasha Brown/
DATE SIGNED:	10/23/2017

PATENT 504606852 REEL: 043927 FRAME: 0032

# Total Attachments: 9 source=170311U1\_Executed-Assignment\_as\_filed\_October-23-2017#page1.tif source=170311U1\_Executed-Assignment\_as\_filed\_October-23-2017#page2.tif source=170311U1\_Executed-Assignment\_as\_filed\_October-23-2017#page3.tif source=170311U1\_Executed-Assignment\_as\_filed\_October-23-2017#page4.tif source=170311U1\_Executed-Assignment\_as\_filed\_October-23-2017#page5.tif source=170311U1\_Executed-Assignment\_as\_filed\_October-23-2017#page6.tif source=170311U1\_Executed-Assignment\_as\_filed\_October-23-2017#page7.tif source=170311U1\_Executed-Assignment\_as\_filed\_October-23-2017#page8.tif source=170311U1\_Executed-Assignment\_as\_filed\_October-23-2017#page8.tif

### ASSIGNMENT

### WHEREAS, WE,

- 1. Aziz GHOLMIEH, 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 Del Mar, CA,
- 2. Shailesh MAHESHWARI, a citizen of India, having a mailing address located at 5775 Morehouse Drive San Diego, CA 92121-1714 and a resident of San Diego, CA,
- 3. Srinivasan BALASUBRAMANIAN, 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.
- 4. Yue YANG, a citizen of the People's Republic of China, having a mailing address located at 5775 Morehouse Drive San Diego, CA 92121-1714 and a resident of San Diego, CA,
- 5. Leena ZACHARIAS, a citizen of India, having a mailing address located at 5775 Morehouse Drive San Diego, CA 92121-1714 and a resident of San Jose, CA,
- 6. Gang XIAO, 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.
- 7. Sitaramanjaneyulu KANAMARLAPUDI, a citizen of India, having a mailing address located at 5775 Morehouse Drive San Diego, CA 92121-1714 and a resident of San Diego, 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 MEDIA ACCESS CONTROL HEADER AND TRANSPORT BLOCK FORMATS (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, including but not limited to, U.S. Application No(s). 15/703,582 filed September 13, 2017, Qualcomm Reference No. 170311U1, and all provisional applications relating thereto, together with U.S. Provisional Application No(s). 62/407,435 filed October 12, 2016, Qualcomm Reference No. 170236P1, and 62/436,851, filed December 20, 2016, Qualcomm Reference No. 171157P1 (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 nonprovisional applications, national phase applications, 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;

whatsoev	er conflicting v	vith these	presents.	will not execute any writing or do any act
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Done at _	LOCATION	, on	DATE	Shailesh MAHESHWARI
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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	Aziz GHOLMIEH
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Done at _	LOCATION , on	DATE	Srinivasan BALASUBRAMANIAN
Done at _	LOCATION , on	DATE	Yue YANG
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Done at _	, on	DATE	Sitaramanjanevulu KANAMARI.APUDI
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AND WE HEREBY covenant that WE will not execute any writing or do any act whatsoever conflicting with these presents.

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_	LOCATION , or	DATE	Aziz GHOLMIEH
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	LOCATION	DATÈ	Sitaramanianevulu KANAMARLAPUDI

PATENT REEL: 043927 FRAME: 0042

**RECORDED: 10/23/2017**