PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2997038

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
MOHAMMAD BAGHER VAHID FAR	07/24/2014
CHENG-HAN WANG	07/24/2014
JESSE AARON RICHMOND	07/24/2014
THINH CAT NGUYEN	08/05/2014
ABBAS KOMIJANI	07/24/2014
YASHAR RAJAVI	07/24/2014
ALIREZA KHALILI	07/24/2014

RECEIVING PARTY DATA

Name:	QUALCOMM INCORPORATED	
Street Address:	et Address: 5775 MOREHOUSE DRIVE	
City:	SAN DIEGO	
State/Country:	CALIFORNIA	
Postal Code:	92121-1714	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14331685

CORRESPONDENCE DATA

Fax Number: (909)266-8002

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: (949) 681-8161

Email: qualcomm-pto@lozaip.com

Correspondent Name: LOZA & LOZA, LLP/QUALCOMM
Address Line 1: 305 N. SECOND AVE., #127
Address Line 4: UPLAND, CALIFORNIA 91786

ATTORNEY DOCKET NUMBER:	QCOM-2603US (141897)
NAME OF SUBMITTER:	ROBERTA YOUNG
SIGNATURE:	/Roberta Young/
DATE SIGNED:	08/26/2014

Total Attachments: 4

• 033610 EDAME: 0305

502950440 REEL: 033610 FRAME: 0205

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ASSIGNMENT

WHEREAS, WE,

- 1. **Mohammad Bagher Vahid Far,** a citizen of Iran, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 92121-1714 and a resident of San Jose. California,
- 2. Cheng-Han Wang, 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 Jose, California.
- 3. **Jesse Aaron Richmond**, 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 Oakland, California.
- 4. Thinh Cat Nguyen, 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 Jose, California.
- 5. **Abbas Komijani**, a citizen of Iran, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 92121-1714 and a resident of Mountain View, California,
- 6. Yashar Rajavi, 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 Mountain View, California,
- 7. Alireza Khalili, 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 Sunnyvale. California,

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 ARCHITECTURE TO REJECT NEAR END BLOCKERS AND TRANSMIT LEAKAGE (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. 14/331,685 filed July 15, 2014, Qualcomm Reference No. 141897, and all provisional applications relating thereto, 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:

PATENT QUALCOMM Ref. No. 141897

Page 3 of 3

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

Done at Sum, on Fly Mohammad Bagher Vahid Fai Done at SAN Jose, on 2/24/2014 Cheng-Han Wang Done at San Jose on 7/24/2014 Date Jesse Aaron Richmond Abbas Komijani Done at Societion, on Tax 2014 Done at San Jose, on 7/24/2014 Yashar Rajavi Done at Da , on 7/24/2014 Hatte

PATENT QUALCOMM Ref. No. 141897 Page 3 of 3

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	Mohammad Bagher Vahid Far
Done at		, on		Cheng-Han Wang
	LOCATION		DATE	Cheng-Han Wang
Done at		, on		Jesse Aaron Richmond
	LOCATION		DATE	Jesse Aaron Richmond
Done at	San Jose	. on	8/5/2014	Thinh Cat Nguyen
LOCATION		DATE	Thinh Cat Nguyen	
Done at		, on		
	LOCATION		DATE	Abbas Komijani
Done at		, on		Yashar Rajavi
	LOCATION		DATE	Yashar Rajavi
Done at		, on		Alireza Khalili
	LOCATION		DATE	Alireza Khalili

PATENT REEL: 033610 FRAME: 0210

RECORDED: 08/26/2014