# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
WEI ZHANG	05/02/2014
SAGAR BHARATKUMAR SHAH	05/19/2014
RAMI HMEIDAN ALNATSHEH	06/24/2014
VIJAY MARWAH	06/16/2014
NATE CHIZGI	05/01/2014
GUANG XIE	05/01/2014

#### **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:	14265063

## **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

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

ATTORNEY DOCKET NUMBER:	QCOM-2390US (140038)	
NAME OF SUBMITTER:	DEREK YEUNG	
SIGNATURE:	/Derek Yeung/	
DATE SIGNED:	06/25/2014	

**Total Attachments: 6** 

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**REEL: 033178 FRAME: 0822** 

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#### ASSIGNMENT

# WHEREAS, WE,

- 1. **Wei Zhang,** a citizen of China, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 92121-1714 and a resident of Santa Clara, California,
- 2. **Sagar Bharatkumar Shah,** a citizen of India, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 92121-1714 and a resident of San Diego, California,
- 3. Rami Hmeidan Alnatsheh, 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, California,
- 4. **Vijay Marwah**, 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, California,
- 5. **Nate Chizgi**, 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,
- 6. **Guang Xie,** a citizen of China, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 92121-1714 and a resident of San Jose, 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 APPARATUS AND METHODS FOR DETECTING AND HANDLING SPURIOUS DEDICATED PHYSICAL CONTROL CHANNEL IN SOFT HANDOVER (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. 14/265,063 filed April 29, 2014, Qualcomm

Reference No. 140038, and all provisional applications relating thereto, together with U.S. Provisional Application No. 61/897,168, filed October 29, 2013, Qualcomm Reference No. 140038P1, 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 Santa Clera (A, on LOCATION	May 2, 2014	
LOCATION	DATE	Wei Zhang/
Done at, on	DATE	Sagar Bharatkumar Shah
Done at, on _		
Done at, on _		Rami Hmeidan Alnatsheh
Done at Stelle, on_	5/1/14	Vijay Marwah
Done at Santa Cava, on _	DILL	Nate Chizgi
LOCATION	DATE	Guang Xie

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

Done at		, on	
•	LOCATION	, on DATE	Wei Zhang
Done at $\underline{S}_i$	en liego Location	on <u>3   19   14</u>	Sagar Bharatkumar Shah
Done at	LOCATION	, on DATE	Rami Hmeidan Alnatsheh
Done at	LOCATION	, on	Vijay Marwah
Done at	LOCATION	, on DATE	Nate Chizgi
Done at	LOCATION	, on	Grand Vin
	LOCATION	DATE	Guang Xie

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

Done at		, on	
	LOCATION	, on	Wei Zhang
Done at_		, on	
	LOCATION	DATE	Sagar Bharatkumar Shah
,	۸ ۸	. / /	
Done at 1	onsi UMX	on 6/24/2014_	Rami Hmeidan Alnatsheh
	LOCATION	'DATE	Rami Hmeidan Alnatsheh
Done at		, on	
	LOCATION	DATE	Vijay Marwah
Done at		• on	
	LOCATION	, on	Nate Chizgi
Done at		. On	Guang Xie
	LOCATION	DATE	Cuena Yie

# **PATENT**

QUALCOMM Ref. No. 140038

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	_, on DATE	Wei Zhang
Done at	LOCATION	, on	Sagar Bharatkumar Shah
Done at	LOCATION	_, on	Rami Hmeidan Alnatsheh
Done at <u>S</u>	CYI Dieso LOCATION	on 06/16/2014 DATE	Vijay Marwah
Done at	LOCATION	on	Nate Chizgi
Done at	LOCATION	_, on DATE	Guang Xie

PATENT REEL: 033178 FRAME: 0829

RECORDED: 06/25/2014