PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Aziz Gholmieh	03/22/2010
Arjun Bharadwaj	04/20/2010
Heechoon Lee	03/25/2010
Bibhu Prasad Mohanty	04/06/2010
Sharad Deepak Sambhwani	03/21/2010
Danlu Zhang	03/22/2010

RECEIVING PARTY DATA

Name:	QUALCOMM, Incorporated
Street Address:	5775 Morehouse Drive
City:	San Diego
State/Country:	CALIFORNIA
Postal Code:	92121

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12724368

CORRESPONDENCE DATA

(858)658-2502 Fax Number:

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 8586582491

Email: patent.docketing.us@qualcomm.com

Correspondent Name: QUALCOMM, Incorprated Address Line 1: 5775 Morehouse Drive

Address Line 4: San Diego, CALIFORNIA 92121

ATTORNEY DOCKET NUMBER:	091648
NAME OF SUBMITTER:	Darrell Scott Juneau

501191654 **REEL: 024465 FRAME: 0317**

PATENT

Total Attachments: 7

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ASSIGNMENT

TO WHOM IT MAY CONCERN:

For the sum of One Dollar and other valuable consideration to us in hand paid, receipt of which

is hereby acknowledged, be it known that We,

1. Aziz Gholmieh, a citizen of the United States of America, having a mailing address of

5775 Morehouse Drive, San Diego, California, 92121, United States of America; and a resident

of Del Mar, California, United States of America,

2. Arjun Bharadwaj, a citizen of India, having a mailing address of 5775 Morehouse Drive,

San Diego, California, 92121, United States of America; and a resident of San Diego, California,

United States of America.

3. Heechoon Lee, a citizen of Korea, having a mailing address of 5775 Morehouse Drive,

San Diego, California, 92121, United States of America; and a resident of San Diego, California,

United States of America,

4. Bibhu Prasad Mohanty, a citizen of the United States of America, having a mailing

address of 5775 Morehouse Drive, San Diego, California, 92121, United States of America; and

a resident of San Diego, California, United States of America,

5. Sharad Deepak Sambhwani, a citizen of the United States of America, having a mailing

address of 5775 Morehouse Drive, San Diego, California, 92121, United States of America; and

PATENT

REEL: 024465 FRAME: 0319

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ASSIGNMENT

a resident of San Diego, California, United States of America,

6. Danlu Zhang, a citizen of China, having a mailing address of 5775 Morehouse Drive, San

Diego, California, 92121, United States of America; and a resident of San Diego, California,

United States of America,

have sold, assigned and transferred and by these presents do sell, assign, transfer and set over

unto QUALCOMM Incorporated, a Delaware corporation, having a place of business at 5775

Morehouse Drive, San Diego, California 92121-1714, its successors, legal representatives, or

assigns, the entire right, title and interest in and to a certain invention relating to SYSTEM AND

METHOD FOR EFFECTUATING A SIGNAL CARRIER CONFIGURATION by us

devised and the application for United States Patent therefore filed in the United States Patent

and Trademark Office on March 15, 2010, and assigned Serial No. 12/724,368, including

Provisional Application Number 61/160,822, filed on March 17, 2009, and all original and

reissue patents granted thereof (in the United States and any foreign country), and all divisionals,

continuations and continuations-in-part thereof, including the subject matter of any and all

claims which may be obtained in every such patent, and all foreign rights to said invention, and

covenant that we have full right to do so, and agree that we will communicate to said corporation

or its representatives all facts known to us respecting said invention, whenever requested, and

testify in any legal proceedings, sign all lawful papers, make all rightful oaths and generally do

everything possible to aid said corporation, its successors, assigns and nominees, to obtain and

enforce proper patent protection for said invention in all countries.

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may

be granted for said invention or any part thereof unto said corporation in keeping with this

Assignment.

Done at San Diego, California this 2 day of March	, 2010.
	Aziz Gholmieh
Done at San Diego, California this day of	, 2010.
	Arjun Bharadwaj
Done at San Diego, California this day of	_, 2010.
	Heechoon Lee
Done at San Diego, California this day of	_, 2010.
	Bibhu Prasad Mohanty
Done at San Diego, California this day of	_, 2010.
* 1	Sharad Deepak Sambhwani
Done at San Diego, California this day of	, 2010.
Day	Want
	Danlu Zhang /

Done at San Diego, California this _	day of	, 2010.
		Aziz Gholmieh
Done at San Diego, California this _		
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	age s	Arjun Bharadwaj
Done at San Diego, California this _	day of	, 2010.
		Hankan Las
		Heechoon Lee
Done at San Diego, California this _	day of	, 2010.
	,	Bibhu Prasad Mohanty
Done at San Diego, California this _	day of	, 2010.
		Sharad Deepak Sambhwani
Done at San Diego, California this _	day of	, 2010.
		Danlu Zhang

Done at San Diego, California this	_ day of	_, 2010.
		Aziz Gholmieh
Done at San Diego, California this	_ day of	_, 2010.
Done at San Diego, California this <u>25</u>	day of March	Arjun Bharadwaj _, 2010.
Done at San Diego, California this	day of	Heechoon Lee _, 2010.
Done at San Diego, California this	_day of	Bibhu Prasad Mohanty _, 2010.
Done at San Diego, California this	day of	Sharad Deepak Sambhwani _, 2010.
		Danlu Zhang

Done at San Diego, California this	_ day of	_, 2010.
		Aziz Gholmieh
Done at San Diego, California this	_day of	_, 2010.
		Arjun Bharadwaj
Done at San Diego, California this	day of	_, 2010.
		Heechoon Lee
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	Ph	a Holm
		Bibhu Prasad Mohanty
Done at San Diego, California this	day of	_, 2010.
		Sharad Deepak Sambhwani
Done at San Diego, California this	day of	_, 2010.
		Danlu Zhang

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		Aziz Gholmieh
Done at San Diego, California this	_day of	_, 2010.
		Arjun Bharadwaj
Done at San Diego, California this	day of	_, 2010.
		Heechoon Lee
		Heechoon Lee
Done at San Diego, California this	day of	_, 2010.
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o* &.		Bibhu Prasad Mohanty
Done at San Diego, California this	day of MARCH	_, 2010.
	J. Kana	and fourthermans
		Sharad Deepak Sambhwani
Done at San Diego, California this	day of	_, 2010.
		Danlu Zhang

RECORDED: 06/01/2010