## Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Parvathanathan Subrahmanya	10/02/2009
Andrew Sendonaris	10/02/2009
Jia Tang	10/02/2009
Atul A. Salvekar	10/02/2009
Shantanu Khare	10/05/2009
Jong Hyeon Park	10/02/2009
Brian C. Banister	10/20/2009
Tao Cui	10/03/2009

#### **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:	12552673

#### **CORRESPONDENCE DATA**

501000960

Fax Number: (858)658-2502

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

Phone: 8586582389

Email: US-Docketing@Qualcomm.com
Correspondent Name: QUALCOMM Incorporated
Address Line 1: 5775 Morehouse Drive

Address Line 4: San Diego, CALIFORNIA 92121-1714

ATTORNEY DOCKET NUMBER: 091046

REEL: 023440 FRAME: 0839

PATENT

12552673

CH \$40.00

NAME OF SUBMITTER:	Judy Bridgwater
Total Attachments: 9 source=Assignment#page1.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif source=Assignment#page8.tif source=Assignment#page8.tif source=Assignment#page9.tif	

#### 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. **Parvathanathan Subrahmanya**, a citizen of India, having a mailing address of 3195 Kifer Road, Santa Clara, CA 95051, US; and a resident of Sunnyvale, CA, US,
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- 5. **Shantanu Khare**, a citizen of India, having a mailing address of 512 N. McClurg Ct., Apt. 1604, Chicago, IL 60611, US; and a resident of Chicago, IL, US,
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- 7. **Brian C. Banister**, a citizen of The United States of America, having a mailing address of 5775 Morehouse Drive, San Diego, CA 92121, US; and a resident of San Diego, CA, US,
- 8. **Tao Cui**, a citizen of China, having a mailing address of 904 Lambeth Circle, Apt. 212, Durham, NC 27705, US, and a resident of Durham, NC, US,

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 UNIFIED ITERATIVE DECODING ARCHITECTURE USING JOINT **EXTRACTION AND A PRIORI PROBABILITY** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on September 2, 2009, and assigned Serial No. 12/552,673, including, without limitation, all provisional patent applications, 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	Janka	Claro-	<u>California</u>	this	2	day of	<u>0 Aber</u> Hulvelman	, 2009.	
		- 2		-			Parvathanathan		ya
Done at	Santa	lara,	<u>California</u>	this	2 <u>* 4</u> 	day of	October L	, 2009.	
							Andrew Sendon	aris	

Done at	Sonta Clara, CA	this	2nd	day of_	October	_, 2009.
		_			Sugar	
		Line		9	Jia Tang	
Done at _	Sahta Cha, CA					
		_	entile entile	414	Atul A. Salvekar	
				k.	atui A. Saiverai	
Done at _		this		_day of _		_, 2009.
		-			Shantanu Khare	
Done at _	Santa Clare 112	this	2	day of_	Oct.	_, 2009.
			••••••	and the second s	Jong Hyeon Park	
					ong nyoun nam	
Done at _	San Diego, CA	this				
			S. Personan			
			, or other transfer of the second	]	Brian Ç. Banister	
Done at _		this	<del>`</del>	day of_		_, 2009.
		-		r	Tao Cui	

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Done at	this	day of	, 2009.	
		Parvatha	anathan Subrahmanya	
Done at	this	this day of		
		verous A	Sandanaris	

Done at	this	day of	, 2009.
	***************************************	Jia Tang	
Done at	this	day of	, 2009.
		Atul A. S	Salvekar
Done at <u>Chicago</u>	this <u>_</u>	day ofOctob	<u></u> , 2009.
		Shantan	u Khare
Done at	this	day of	, 2009.
		Jong Hy	eon Park
Done at	this	day of	, 2009.
	***************************************	Brian C.	Banister
Done at	this	day of	, 2009.
	**************************************	Tao Cui	

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Done at	·	this	day of	, 2009.
		y man in the party.	P	arvathanathan Subrahmanya
en e				
Done at		this	day of	, 2009.
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	<i>*</i>		A	andrew Sendonaris

REEL: 023440 FRAME: 0848

Done at	this	day of	, 2009.
		Jia Tang	
Done at	this	day of	, 2009.
	·······	Atul A. S	alvekar
Done at	this	day of	, 2009.
		Shantanu	Khare
Done at	this	day of	, 2009.
		Jong Hye	eon Park
Done at	this	day of	, 2009.
		Brian C.	Banister
Done at <u>Dudam, A</u>	<u>/o//k Cardiae</u> this <u>_</u>	<u>3</u> day of _ <i>O(\$0</i> }	, 2009.
	<del></del>	Tao Cui	<u> </u>

PATENT REEL: 023440 FRAME: 0849

**RECORDED: 10/29/2009**