

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Fang Shi	03/25/2008
Christopher John Bennett	03/29/2008
Serafim S. Loukas Jr.	04/01/2008
Brian William Orr	02/13/2008
Vijayalakshmi R. Raveendran	01/04/2008
Scott T. Swazey	01/04/2008
Amnon Silberger	02/19/2008
Thadi M. Nagaraj	01/08/2008
Gordon Kent Walker	02/13/2008
David Brackman	02/28/2008
Fang Liu	02/28/2008
Sumeet Singh Sethi	01/04/2008
Ramkumar Sampathkumar	01/04/2008

RECEIVING PARTY DATA

Name:	QUALCOMM Incorporated
Street Address:	5775 Morehouse Drive
Internal Address:	Patent Department/Central Administration
City:	San Diego
State/Country:	CALIFORNIA
Postal Code:	92121

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11940122

CORRESPONDENCE DATA

Fax Number: (858)658-2502

500502896

PATENT  
REEL: 020738 FRAME: 0360

CH \$40.00 11940122

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

Phone: 858-845-4265  
Email: us-docketing@qualcomm.com  
Correspondent Name: QUALCOMM INCORPORATED  
Address Line 1: 5775 MOREHOUSE DR.  
Address Line 2: Patent Department/Central Administration  
Address Line 4: SAN DIEGO, CALIFORNIA 92121

ATTORNEY DOCKET NUMBER:

070496

NAME OF SUBMITTER:

Kelly T. Williams

**Total Attachments: 15**

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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. Fang Shi, a citizen of Canada, having a place of residence at 4460 Calle Mar De Armonia, San Diego, CA 92130;
2. Christopher John Bennett, a citizen of the United States, having a place of residence at 4820 Vista Street, San Diego, CA 92116;
3. Serafim S. Loukas Jr., a citizen of the United States, having a place of residence at 6351 Paseo Cerro, Carlsbad, CA 92056;
4. Brian William Orr, a citizen of Canada, having a place of residence at 4323 Caminito Del Diamante, San Diego, CA 92121;
5. Vijayalakshmi R. Raveendran, a citizen of India, having a place of residence at 4272 Calle Mar De Ballenas, San Diego, CA 92130;
6. Scott T. Swazey, a citizen of the United States, having a place of residence at 2473 Geranium Street, San Diego, CA 92109;
7. Amnon Silberger, a citizen of Israel, having a place of residence at 8779 Gilman Drive, Apt. #A, San Diego, CA 92037;
8. Thadi M. Nagaraj, a citizen of the United States, having a place of residence at 11820-2 Cypress Canyon Road, San Diego, CA 92131;

## ASSIGNMENT

9. Gordon Kent Walker, a citizen of the United States, having a place of residence at 14484 Huntington Gate Drive, Poway, CA 92064;
10. David Brackman, a citizen of the United States, having a place of residence at 15525 Pinehurst Place, San Diego, CA 92131;
11. Fang Liu, a citizen of China P.R., having a place of residence at 8775 Costa Verde Blvd., #1207, San Diego, CA 92122;
12. Sumeet Singh Sethi, a citizen of India, having a place of residence at 11136 Melton Ct., San Diego, CA 92131; and
13. Ramkumar Sampathkumar, a citizen of India, having a place of residence at 10458 Whitcomb Way, Unit #170, San Diego, CA 92127;

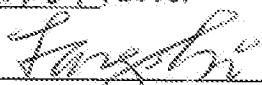
have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto QUALCOMM Incorporated, a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, its successors, legal representatives, or assigns, the entire right, title and interest in and to a certain invention relating to **SYSTEMS AND METHODS FOR CHANNEL SWITCHING** by me devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **November 14, 2007** and assigned Serial No. **11/940,122** including Provisional Application Number **60/865,822** filed on **November 14, 2006** and all original and reissue patents granted thereof, and all divisions, and continuations 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 I have full right to do so, and agree that I will communicate to said corporation or its representatives all facts known to me respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, make all rightful oaths and generally do

## ASSIGNMENT

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 25<sup>th</sup> day of March, 2008.

  
\_\_\_\_\_  
Fang Shi

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Christopher John Bennett

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Serafim S. Loukas Jr.

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Brian William Orr

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Vijayalakshmi R. Raveendran

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Scott T. Swazey

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Amnon Silberger

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Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

Done at San Diego, California this 27 day of March, 2008.

\_\_\_\_\_  
Fang Shi

\_\_\_\_\_  
Christopher John Bennett

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Serafim S. Loukas Jr.

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Brian William Orr

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Vijayalakshmi R. Raveendran

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Scott T. Swazey

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Amnon Silberger

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Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Fang Shi

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Christopher John Bennett

Done at San Diego, California this 1 day of April, 2008.

  
\_\_\_\_\_  
Serafim S. Loukas Jr.

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Brian William Orr

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Vijayalakshmi R. Raveendran

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Scott T. Swazey

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Amnon Silberger

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Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Fang Shi

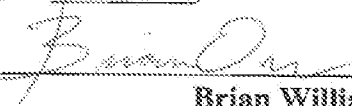
Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Christopher John Bennett

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Serafim S. Loukas Jr.

Done at San Diego, California this 13 day of FEB, 2008.

  
\_\_\_\_\_  
Brian William Orr

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Vijayalakshmi R. Raveendran

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Scott T. Swazey

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

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Amnon Silberger



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Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

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Fang Shi

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

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Christopher John Bennett

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Serafim S. Loukas Jr.

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Brian William Orr

Done at San Diego, California this 14<sup>th</sup> day of Jan, 2008.

\_\_\_\_\_  
*R. Vijayalakshmi*

Vijayalakshmi R. Raveendran

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Scott T. Swazey

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Amnon Silberger

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Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Fang Shi

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Christopher John Bennett

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Serafim S. Loukas Jr.

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Brian William Orr

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Vijayalakshmi R. Raveendran

Done at San Diego, California this 4<sup>th</sup> day of JAN, 2008.

  
\_\_\_\_\_  
Scott T. Swazey

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Amnon Silberger

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Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Fang Shi

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Christopher John Bennett

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Serafim S. Loukas Jr.

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

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Brian William Orr

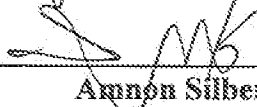
Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Vijayalakshmi R. Raveendran

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Scott T. Swazey

Done at San Diego, California this 19 day of February, 2008.

  
\_\_\_\_\_  
Amnon Silberger

## ASSIGNMENT

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 08 day of JAN, 2008.

T. M. Nagaraj

Thadi M. Nagaraj

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

Gordon Kent Walker

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

David Brackman

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

Fang Liu

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

Sumeet Singh Sethi

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

Ramkumar Sampathkumar

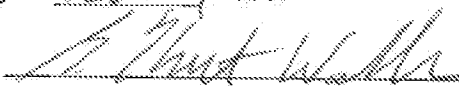
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Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
**Thadi M. Nagaraj**

Done at San Diego, California this 13<sup>th</sup> day of February, 2008.

  
\_\_\_\_\_  
**Gordon Kent Walker**

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
**David Brackman**

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
**Fang Liu**

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
**Sumeet Singh Sethi**

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
**Ramkumar Sampathkumar**

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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 \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Thadi M. Nagaraj

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Gordon Kent Walker

Done at San Diego, California this 28 day of February, 2008.

  
\_\_\_\_\_  
David Brackman

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Fang Liu

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Sumeet Singh Sethi

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Ramkumar Sampathkumar

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\_\_\_\_\_  
Thadi M. Nagaraj

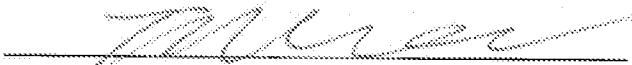
Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Gordon Kent Walker

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
David Brackman

Done at San Diego, California this 28 day of Feb, 2008.

  
\_\_\_\_\_  
Fang Liu

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Sumeet Singh Sethi

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

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Ramkumar Sampathkumar

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\_\_\_\_\_  
Thadi M. Nagaraj

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Gordon Kent Walker

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
David Brackman

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Fang Liu

Done at San Diego, California this 4 day of January, 2008.

  
\_\_\_\_\_  
Sumeet Singh Sethi

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Ramkumar Sampathkumar



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\_\_\_\_\_  
Thadi M. Nagaraj

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Gordon Kent Walker

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

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David Brackman

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\_\_\_\_\_  
Fang Liu

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Sumeet Singh Sethi

Done at San Diego, California this 4 day of January, 2008.

  
\_\_\_\_\_  
Ramkumar Sampathkumar