

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Idreas Mir</td> <td>03/04/2010</td> </tr> <tr> <td>Jeffrey A. Dyck</td> <td>02/22/2010</td> </tr> <tr> <td>Gerald J. Chambers Jr.</td> <td>02/23/2010</td> </tr> <tr> <td>Samson Jim</td> <td>03/05/2010</td> </tr> <tr> <td>Steven J. Doerfler</td> <td>03/01/2010</td> </tr> <tr> <td>Marcello V. Lioy</td> <td>02/12/2010</td> </tr> <tr> <td>Uppinder S. Babbar</td> <td>02/23/2010</td> </tr> </tbody> </table>		Name	Execution Date	Idreas Mir	03/04/2010	Jeffrey A. Dyck	02/22/2010	Gerald J. Chambers Jr.	02/23/2010	Samson Jim	03/05/2010	Steven J. Doerfler	03/01/2010	Marcello V. Lioy	02/12/2010	Uppinder S. Babbar	02/23/2010
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Marcello V. Lioy	02/12/2010																
Uppinder S. Babbar	02/23/2010																
RECEIVING PARTY DATA																	
Name:	QUALCOMM, Incorporated																
Street Address:	5775 Morehouse Drive																
City:	San Diego																
State/Country:	CALIFORNIA																
Postal Code:	92121																
PROPERTY NUMBERS Total: 1																	
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12488104</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12488104												
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Application Number:	12488104																
CORRESPONDENCE DATA																	
Fax Number:	(858)658-2502																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone:	858-658-2491																
Email:	patent.docketing.us@qualcomm.com																
Correspondent Name:	QUALCOMM INCORPORATED																
Address Line 1:	5775 MOREHOUSE DR.																
Address Line 4:	SAN DIEGO, CALIFORNIA 92121																
ATTORNEY DOCKET NUMBER:	081812																

CH \$40.00 12488104

501397683

**PATENT
 REEL: 025588 FRAME: 0824**

NAME OF SUBMITTER:

D. Scott Juneau

Total Attachments: 22

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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. Idreas Mir, 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,
2. Jeffrey A. Dyck, a citizen of Canada, 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. Gerald Joe Chambers, Jr., a citizen of the United States of America, having a mailing address of 6180 Spine Road, Boulder, Colorado, 80301, United States of America; and a resident of Longmont, Colorado,
4. Samson Jim, a citizen of Hong Kong, 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. Steven J. Doerfler, a citizen of the United States of America, having a mailing address of 6180 Spine Road, Boulder, Colorado, 80301, United States of America; and a resident of Erie,

ASSIGNMENT

Colorado,

6. Marcello V. Liroy, a citizen of Canada, 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,

7. Uppinder S. Babbar, 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,

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 **METHOD AND APPARATUS FOR MANAGING DATA SERVICES IN A MULTI-PROCESSOR COMPUTING ENVIRONMENT** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **12/488,104**, and assigned Serial No. **June 19, 2009**, including Provisional Application Number **61/074,825**, filed on **June 23, 2008**, 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.

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 4th day of March, 2010.



Idreas Mir

Done at San Diego, California this _____ day of _____, 2010.

Jeffrey A. Dyck

Done at Boulder, Colorado this _____ day of _____, 2010.

Gerald J. Chambers

Done at San Diego, California this _____ day of _____, 2010.

Samson Jim

Done at Boulder, Colorado this _____ day of _____, 2010.

Steven J. Doerfler

ASSIGNMENT

Done at San Diego, California this ____ day of _____, 2010.

Marcello V. Lioy

Done at San Diego, California this ____ day of _____, 2010.

Uppinder S. Babbar

ASSIGNMENT

TO WHOM IT MAY CONCERN:

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1. Idreas Mir, 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,
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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 _____ day of _____, 2010.

Idreas Mir

Done at San Diego, California this 22nd day of February 2010



Jeffrey A. Dyck

Done at Boulder, Colorado this _____ day of _____, 2010.

Gerald J. Chambers

Done at San Diego, California this _____ day of _____, 2010.

Samson Jim

Done at Boulder, Colorado this _____ day of _____, 2010.

Steven J. Doerfler

ASSIGNMENT

Done at San Diego, California this _____ day of _____, 2010.

Marcello V. Lioy

Done at San Diego, California this _____ day of _____, 2010.

Uppinder S. Babbar

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Done at San Diego, California this _____ day of _____, 2010.

Idreas Mir

Done at San Diego, California this _____ day of _____, 2010.

Jeffrey A. Dyck

Done at Boulder, Colorado this 23rd day of February, 2010.



Gerald J. Chambers Jr.

Done at San Diego, California this _____ day of _____, 2010.

Samson Jim

Done at Boulder, Colorado this _____ day of _____, 2010.

Steven J. Doerfler

ASSIGNMENT

Done at San Diego, California this _____ day of _____, 2010.

Marcello V. Lioy

Done at San Diego, California this _____ day of _____, 2010.

Uppinder S. Babbar

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ASSIGNMENT

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Done at San Diego, California this _____ day of _____, 2010.

Idreas Mir

Done at San Diego, California this _____ day of _____, 2010.

Jeffrey A. Dyck

Done at Boulder, Colorado this _____ day of _____, 2010.

Gerald J. Chambers

Done at San Diego, California this 5th day of March, 2010.

Samson Jim

Done at Boulder, Colorado this _____ day of _____, 2010.

Steven J. Doerfler

ASSIGNMENT

Done at San Diego, California this _____ day of _____, 2010.

Marcello V. Liroy

Done at San Diego, California this _____ day of _____, 2010.

Uppinder S. Babbar

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Done at San Diego, California this _____ day of _____, 2010.

Idreas Mir

Done at San Diego, California this _____ day of _____, 2010.

Jeffrey A. Dyck


Done at Boulder, Colorado this _____ day of _____, 2010.

Gerald J. Chambers

Done at San Diego, California this _____ day of _____, 2010.

Samson Jim

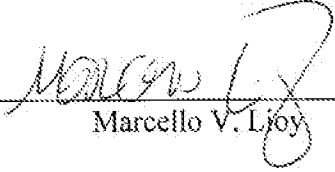
Done at Boulder, Colorado this 1 day of March, 2010.



Steven J. Doerfler

ASSIGNMENT

Done at San Diego, California this 12 day of FEBRUARY, 2010.



Marcello V. Ljoy

Done at San Diego, California this _____ day of _____, 2010.

Uppinder S. Babbar

ASSIGNMENT

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Done at San Diego, California this ____ day of _____, 2010.

Ideas Mir

Done at San Diego, California this ____ day of _____, 2010.

Jeffrey A. Dyck

Done at Boulder, Colorado this _____ day of _____, 2010.

Gerald J. Chambers

Done at San Diego, California this ____ day of _____, 2010.

Samson Jim

Done at Boulder, Colorado this _____ day of _____, 2010.

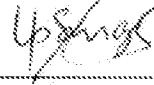
Steven J. Doerfler

ASSIGNMENT

Done at San Diego, California this _____ day of _____, 2010.

Marcello V. Lioy

Done at San Diego, California this 23 day of Feb, 2010.



Uppinder S. Babbar