

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yuriy Reznik</td> <td>06/22/2010</td> </tr> <tr> <td>Rajan L. Joshi</td> <td>07/07/2010</td> </tr> <tr> <td>Marta Karczewicz</td> <td>07/07/2010</td> </tr> </tbody> </table>		Name	Execution Date	Yuriy Reznik	06/22/2010	Rajan L. Joshi	07/07/2010	Marta Karczewicz	07/07/2010				
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<b>RECEIVING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>QUALCOMM Incorporated</td> </tr> <tr> <td>Street Address:</td> <td>5775 Morehouse Drive</td> </tr> <tr> <td>Internal Address:</td> <td>Patent Department/Central Administration</td> </tr> <tr> <td>City:</td> <td>San Diego</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>92121</td> </tr> </table>		Name:	QUALCOMM Incorporated	Street Address:	5775 Morehouse Drive	Internal Address:	Patent Department/Central Administration	City:	San Diego	State/Country:	CALIFORNIA	Postal Code:	92121
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<b>CORRESPONDENCE DATA</b>													
<p>Fax Number: (858)658-2502</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 858 845-4265</p> <p>Email: us-docketing@qualcomm.com</p> <p>Correspondent Name: QUALCOMM Incorporated</p> <p>Address Line 1: 5775 Morehouse Drive</p> <p>Address Line 2: Patent Department/Central Administration</p> <p>Address Line 4: San Diego, CALIFORNIA 92121</p>													
ATTORNEY DOCKET NUMBER:	092241U2												
NAME OF SUBMITTER:	Marion Comer De Yoe												
Total Attachments: 4													

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**PATENT**  
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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 I,

1. **YURIY REZNIK**, a citizen of Ukraine, having a mailing address of 5775 Morehouse Drive, San Diego, California 92121; and a resident of **Seattle, Washington**,
2. **RAJAN L. JOSHI**, a citizen of the United States of America, having a mailing address of 5775 Morehouse Drive, San Diego, California 92121; and a resident of **San Diego, California**;
3. **MARTA KARCZEWICZ**, a citizen of Poland, having a mailing address of 5775 Morehouse Drive, San Diego, California 92121; and a resident of **San Diego, California**.

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 **16-POINT TRANSFORM FOR MEDIA DATA CODING** by me devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on 22 JUNE 2010, and assigned Serial No. 12/820,357, (and I hereby authorize and instruct QUALCOMM Incorporated to hereafter complete this Assignment by inserting the filing date and serial number in the space provided when known), including Provisional Application Number **61/219,885**, filed on **June 24, 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

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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 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.

Executed at **Seattle, Washington**, this 22 day of June, 2010.

  
YURIY REZNIK

Executed at **San Diego, California**, this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
RAJAN L. JOSHI

Executed at **San Diego, California**, this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
MARTA KARCZEWICZ

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Executed at **Seattle, Washington**, this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
YURIY REZNIK

Executed at **San Diego, California**, this 7<sup>th</sup> day of July, 2010.

Rajan Laxman Joshi  
RAJAN L. JOSHI

Executed at **San Diego, California**, this 7 day of July, 2010.

Marta Karczewicz  
MARTA KARCZEWICZ