

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Narendranath Malayath</td><td>02/02/2007</td></tr><tr><td>Sharath Manjunath</td><td>02/06/2007</td></tr></tbody></table>	Name	Execution Date	Narendranath Malayath	02/02/2007	Sharath Manjunath	02/06/2007					
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Narendranath Malayath	02/02/2007										
Sharath Manjunath	02/06/2007										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>QUALCOMM Incorporated</td></tr><tr><td>Street Address:</td><td>5775 Morehouse Drive</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	City:	San Diego	State/Country:	CALIFORNIA	Postal Code:	92121	
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PROPERTY NUMBERS Total: 1											
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Application Number:	11672550										
CORRESPONDENCE DATA											
Fax Number: (858)658-2502 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 858-651-5363											
Email: tbadet@qualcomm.com											
Correspondent Name: QUALCOMM, Inc.											
Address Line 1: 5775 Morehouse Drive											
Address Line 4: San Diego, CALIFORNIA 92121											
ATTORNEY DOCKET NUMBER:	061737										
NAME OF SUBMITTER:	Alex C. Chen										
Total Attachments: 2 source=061737_ASSIGN_02-08-07#page1.tif source=061737_ASSIGN_02-08-07#page2.tif											

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PATENT  
REEL: 018867 FRAME: 0925

**ASSIGNMENT**

TO WHOM IT MAY CONCERN:

For the sum of One Dollar and other valuable consideration to me in hand paid, receipt of which is hereby acknowledged, be it known that we, **Narendranath Malayath**, a citizen of India, having a place of residence at 10710 Sabre Hill Drive #229, San Diego, California 92128, and **Sharath Manjunath**, a citizen of India, having a place of residence at 11326 Vista Sorrento Parkway, 202, San Diego, California 92130, 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 whole right, title and interest in and to a certain invention relating to:

**DISTORTION ESTIMATION FOR QUANTIZED DATA**

by me devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **February 8, 2007**, and assigned Serial No. **11/672,550** (and I hereby authorize and instruct **QUALCOMM Incorporated** to hereafter complete this Assignment by inserting the serial number in the space provided above when known), including, without limitation, all provisional patent applications, 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 everything possible to aid said corporation, its successors, assigns and nominees, to obtain and enforce proper patent protection for said invention in all countries.

ATTORNEY DOCKET NO. 061737

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent that 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<sup>nd</sup> day of February, 2007.



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Narendranath Malayath

Done at San Diego, California this 6<sup>TH</sup> day of FEBRUARY, 2007.



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Sharath Manjunath