

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>Koen Bernard Vos</td><td>07/24/2006</td></tr><tr><td>Ananthapadmanabhan Aasanipalai Kandhadai</td><td>08/04/2006</td></tr></tbody></table>	Name	Execution Date	Koen Bernard Vos	07/24/2006	Ananthapadmanabhan Aasanipalai Kandhadai	08/04/2006					
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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											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11397871</td></tr></tbody></table>	Property Type	Number	Application Number:	11397871							
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Application Number:	11397871										
CORRESPONDENCE DATA											
Fax Number: (858)658-2502 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 858-651-7985											
Email: tbadet@qualcomm.com											
Correspondent Name: QUALCOMM, Inc.											
Address Line 1: 5775 Morehouse Drive											
Address Line 4: San Diego, CALIFORNIA 92121											
ATTORNEY DOCKET NUMBER:	050547										
NAME OF SUBMITTER:	Todd E. Marlette										
Total Attachments: 3 source=050547_ASSIGNMENT_04-10-07#page1.tif source=050547_ASSIGNMENT_04-10-07#page2.tif source=050547_ASSIGNMENT_04-10-07#page3.tif											

CH \$40.00 11397871

PATENT

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REEL: 019141 FRAME: 0110

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 **Koen Bernard Vos**, a citizen of the Netherlands, having a place of residence at 1934 29th Avenue, San Francisco, California 94116, and **Ananthapadmanabhan Aasanipalai Kandhadai**, a citizen of India, having a place of residence at 12526 Heatherton Court, #183, San Diego, California 92128; 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:

SYSTEMS, METHODS, AND APPARATUS FOR GAIN CODING

by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **April 3, 2006**, and assigned Serial No. **11/397,871**, including, without limitation, all provisional patent applications, including **Serial No. 60/667,901**, filed **April 1, 2005** and **Serial No. 60/673,965**, filed **April 22, 2005**, 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 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 San Francisco, California this 24 day of July, 2006.



Koen Bernard Vos

Done at San Diego, California this _____ day of _____, 2006.

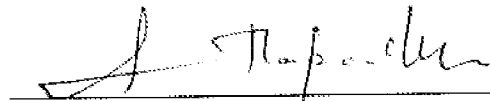
Ananthapadmanabhan Aasanipalai Kandhadai

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 Francisco, California this _____ day of _____, 2006.

Koen Bernard Vos

Done at San Diego, California this 4th day of August, 2006.



Ananthapadmanabhan Aasanipalai Kandhadai