

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Gary John Ballantyne		01/31/2008
RECEIVING PARTY DATA		
Name:	QUALCOMM Incorporated	
Street Address:	5775 Morehouse Drive	
City:	SAN DIEGO	
State/Country:	CALIFORNIA	
Postal Code:	92121-1714	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	12027132	
CORRESPONDENCE DATA		
Fax Number:	(858)658-2502	
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>		
Phone:	858-845-4265	
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Correspondent Name:	QUALCOMM INCORPORATED	
Address Line 1:	5775 MOREHOUSE DR.	
Address Line 4:	SAN DIEGO, CALIFORNIA 92121	
ATTORNEY DOCKET NUMBER:	080231	
NAME OF SUBMITTER:	Larry J. Moskowitz, Reg. No. 42,911	
Total Attachments: 2		
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CH \$40.00 12027132

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PATENT
REEL: 020473 FRAME: 0136

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. Gary John Ballantyne, a citizen of New Zealand, having a place of residence at 3 Spinnaker Lane, Christchurch 8081, New Zealand;

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 ADAPTIVE HIGH-ORDER DIGITAL-TO-ANALOG CONVERSION by me devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on February 6, 2008, and assigned Serial No. 12/027,132 (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, 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.

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, USA this 31st day of January, 2008.



Gary John Ballantyne