PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Sumesh Udayakumaran	03/22/2011

RECEIVING PARTY DATA

Name:	QUALCOMM Incorporated	
Street Address:	5775 Morehouse Drive	
Internal Address:	Patent Department/Central Administration	
City:	San Diego	
State/Country:	CALIFORNIA	
Postal Code:	92121	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13069702

CORRESPONDENCE DATA

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Address Line 2: Patent Department/Central Administration

Address Line 4: SAN DIEGO, CALIFORNIA 92121

ATTORNEY DOCKET NUMBER: 101558

NAME OF SUBMITTER: Marion Comer De Yoe

Total Attachments: 2

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PATENT

REEL: 026004 FRAME: 0964

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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,

Sumesh Udayakumaran, a citizen of India, having a mailing address of 5775
 Morehouse Drive, San Diego, CA 92121; and a resident of San Diego, CA,

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 REGISTER ALLOCATION FOR GRAPHICS PROCESSING by me devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on 23 March 2011, and assigned Serial No. 13/069,702, (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 (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 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.

> PATENT REEL: 026004 FRAME: 0965

PATENT Docket No. 101558 Page 2 of 2

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, CA** this $2 \gamma^{*, \frac{1}{2}}$ day of March, 2011.

Sumesh Udayakumaran

PATENT REEL: 026004 FRAME: 0966

RECORDED: 03/23/2011