

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>KALIN M. ATANASSOV</td><td>12/15/2008</td></tr><tr><td>RUBEN M. VELARDE</td><td>12/15/2008</td></tr><tr><td>HSIANG-TSUN LI</td><td>12/15/2008</td></tr><tr><td>HAU HWANG</td><td>12/15/2008</td></tr></tbody></table>	Name	Execution Date	KALIN M. ATANASSOV	12/15/2008	RUBEN M. VELARDE	12/15/2008	HSIANG-TSUN LI	12/15/2008	HAU HWANG	12/15/2008	
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HSIANG-TSUN LI	12/15/2008										
HAU HWANG	12/15/2008										
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											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12340474</td></tr></tbody></table>	Property Type	Number	Application Number:	12340474							
Property Type	Number										
Application Number:	12340474										
CORRESPONDENCE DATA											
Fax Number:	(858)658-2502										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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Address Line 1:	5775 MOREHOUSE DR.										
Address Line 2:	Patent Department/ Central Administratio										
Address Line 4:	SAN DIEGO, CALIFORNIA 92121										
ATTORNEY DOCKET NUMBER:	081739										
NAME OF SUBMITTER:	Olivia Frias										

CH \$40.00 12340474

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PATENT  
REEL: 022142 FRAME: 0714

Total Attachments: 2

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## ASSIGNMENT

### TO WHOM IT MAY CONCERN:

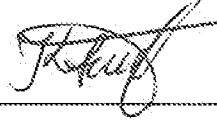
For the sum of One Dollar and other valuable consideration to us in hand paid, receipt of which is hereby acknowledged, be it known that We,

1. Kalin M. Atanasov, a citizen of the United States, having a place of residence at 12041 World Trade Dr. #3, San Diego, CA, 92128, USA;
2. Ruben M. Velarde, a citizen of the United States, having a place of residence at 846 Caminito Bella Rosa, Chula Vista, CA, 91911, USA;
3. Hsiang-Tsun Li, a citizen of the Taiwan, having a place of residence at 4349 Nobel Dr #142, San Diego, CA, 92122, USA; and
4. Hau Hwang, a citizen of the United States, having a place of residence at 6119 African Holly Trail, San Diego, CA, 92130, USA;

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 HIGH DYNAMIC RANGE IMAGE COMBINING by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on \_\_\_\_\_, assigned Application Number \_\_\_\_\_ (and we 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 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.

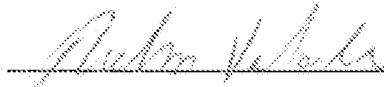
The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at San Diego, California this 15 day of Dec, 2008.



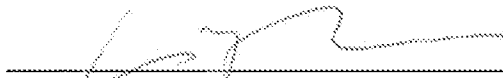
Kalin M. Atanassov

Done at San Diego, California this 15 day of Dec, 2008.



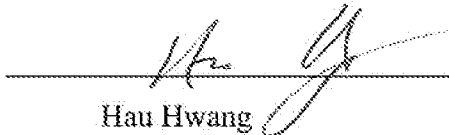
Ruben M. Velarde

Done at San Diego, California this 15 day of Dec, 2008.



Hsiang-Tsun Li

Done at San Diego, California this 15 day of Dec, 2008.



Hau Hwang