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PATENT ASSIGNMENT

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SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the third inventor's name, Bob R. Hung, from Bob R. Hung to Szepo Robert Hung previously recorded on Reel 026144 Frame 0848. Assignor(s) hereby confirms the Bob R. Hung's name has been corrected to Szepo Robert Hung on the Assignment..										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ruben M. Velarde</td> <td>04/24/2012</td> </tr> <tr> <td>Kalin M. Atanassov</td> <td>04/20/2012</td> </tr> <tr> <td>Szepo Robert Hung</td> <td>04/20/2012</td> </tr> <tr> <td>Liang Liang</td> <td>04/20/2012</td> </tr> </tbody> </table>		Name	Execution Date	Ruben M. Velarde	04/24/2012	Kalin M. Atanassov	04/20/2012	Szepo Robert Hung	04/20/2012	Liang Liang	04/20/2012
Name	Execution Date										
Ruben M. Velarde	04/24/2012										
Kalin M. Atanassov	04/20/2012										
Szepo Robert Hung	04/20/2012										
Liang Liang	04/20/2012										
RECEIVING PARTY DATA											
Name:	Qualcomm Incorporated										
Street Address:	5775 Morehouse Drive										
Internal Address:	Patent Department										
City:	San Diego										
State/Country:	CALIFORNIA										
Postal Code:	92121										

PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13088936
CORRESPONDENCE DATA	
Fax Number:	(858)658-2502
Phone:	858-845-4265
Email:	us-docketing@qualcomm.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	QUALCOMM INCORPORATED
Address Line 1:	5775 MOREHOUSE DR.
Address Line 2:	Patent Department
Address Line 4:	SAN DIEGO, CALIFORNIA 92121
ATTORNEY DOCKET NUMBER:	102591
NAME OF SUBMITTER:	Marion Comer De Yoe
Signature:	/Marion Comer De Yoe/
Date:	04/27/2012
Total Attachments: 2 source=102591_2012-4-26_Assign_signed#page1.tif source=102591_2012-4-26_Assign_signed#page2.tif	
RECEIPT INFORMATION	
EPAS ID:	PAT1938148
Receipt Date:	04/27/2012
Fee Amount:	\$40

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ASSIGNMENT

WHEREAS, WE,

1. **Ruben M. Velarde**, a citizen of The United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714, and a resident of Chula Vista, CA,
2. **Kalin M. Atanasov**, a citizen of Bulgaria, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714, and a resident of San Diego, CA,
3. **Szepo Robert Hung**, a citizen of The United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714, and a resident of Carlsbad, CA,
4. **Liang Liang**, a citizen of China, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714, and a resident of San Diego, CA,

have conceived of one or more processes, methods, machines, articles of manufacture, designs, compositions of matter, inventions, discoveries or new or useful improvements relating to **WHITE BALANCE OPTIMIZATION WITH HIGH DYNAMIC RANGE IMAGES** (collectively the "INVENTIONS") for which WE have executed and/or may execute one or more patent applications therefor; and WHEREAS, QUALCOMM Incorporated (hereinafter "ASSIGNEE"), a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, U.S.A., desires to acquire or otherwise obtain the entire right, title, and interest in and to said INVENTIONS, including all inventions related thereto or thereof, all patent applications therefor, and all patents that have granted or may be granted hereafter thereon, including but not limited to those identified below.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, WE do hereby acknowledge that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, the entire right, title, and interest throughout the world in and to said INVENTIONS, including all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in the United States, including but not limited to U.S. Application No(s). 13/088,936, filed April 18, 2011, Qualcomm Reference No. 102591, and all provisional applications relating thereto, (and do hereby authorize ASSIGNEE and its representative to hereafter add herein such application number(s) and/or filing date(s) when known), and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, and design applications thereof, and all issued patents of the United States which may have granted or may be granted hereafter thereon and all reissues, renewals, reexaminations, and extensions to any of the foregoing and all patents issuing thereon in the United States;

AND WE further do acknowledge and agree that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, all rights of priority under International Conventions, Treaties, or Agreements, and the entire right, title, and interest throughout the world in said INVENTIONS, including all inventions related thereto or thereof, and all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in any foreign country, countries, or treaty/union organizations, and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, patent of addition applications, confirmation applications, validation applications, utility model applications, and design applications thereof, and all issued patents which may have granted or may be granted hereafter for said INVENTIONS in any country or countries foreign to the United States, and all reissues, renewals, reexaminations, and extensions thereof;

AND WE DO HEREBY authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications or registrations, to issue all patents for said INVENTIONS to said ASSIGNEE, its successors, its legal representatives and its assigns, in accordance with the terms of this instrument;

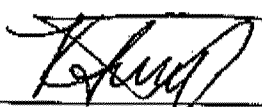
AND WE DO HEREBY sell, assign, transfer, and convey to said ASSIGNEE, its successors, its legal representatives, and its assigns all claims for damages and all remedies arising out of or relating to any violation(s) of any of the rights assigned hereby that have or may have accrued prior to the date of assignment to said ASSIGNEE, or may accrue hereafter, including, but not limited to the right to sue for, seek, obtain, collect, recover, and retain damages and any ongoing or prospective royalties to which WE may be entitled, or that WE may collect for any infringement or from any settlement or agreement related to any of said patents before or after issuance;

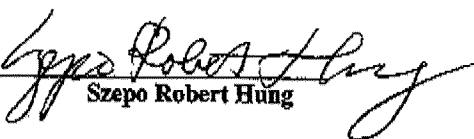
AND WE HEREBY covenant and agree that WE will communicate promptly to said ASSIGNEE, its successors, its legal representatives, and its assigns, any facts known to us respecting said INVENTIONS, and will testify in any legal proceeding, sign all lawful papers, execute all applications and certificates, make all rightful declarations and/or oaths, and provide all lawful assistance to said ASSIGNEE, its successors, its legal representatives and its assigns, to obtain and enforce patent protection for said INVENTIONS in all countries;

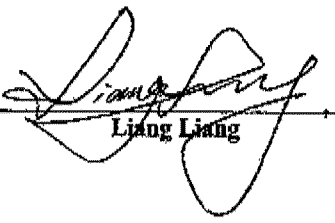
AND WE HEREBY represent that WE have full and exclusive, unencumbered right to sell, assign, convey and transfer all subject matter herein, and hereby covenant that WE have not and will not execute any writing or do any act whatsoever conflicting with these presents.

Done at San Diego, on 4/24/2012
LOCATION DATE

Ruben M. Velarde

Done at San Diego, on 4/20/2012
LOCATION DATE

Kalin M. Atanassov

Done at San Diego, CA, on 4/20/2012
LOCATION DATE

Szepo Robert Hung

Done at San Diego, CA, on 4/20/2012
LOCATION DATE

Liang Liang

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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Correspondent Name:	QUALCOMM Incorporated
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Address Line 2:	Patent Department/Central Administration
Address Line 4:	San Diego, CALIFORNIA 92121
ATTORNEY DOCKET NUMBER:	102591
NAME OF SUBMITTER:	Marion Comer De Yoe
Signature:	/Marion Comer De Yoe/
Date:	04/18/2011
Total Attachments: 2 source=102591_2011-04-18_ASST#page1.tif source=102591_2011-04-18_ASST#page2.tif	
RECEIPT INFORMATION	
EPAS ID:	PAT1532023
Receipt Date:	04/18/2011
Fee Amount:	\$40

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