

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7724983

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the PRIORITY LISTED WITHIN THE ASSIGNMENT previously recorded on Reel 056189 Frame 0108. Assignor(s) hereby confirms the PRIORITY INFORMATION IS CORRECT ON THE ATTACHED ASSIGNMENT.										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>JIAN MA</td><td>03/08/2021</td></tr><tr><td>SHEN-GE WANG</td><td>05/04/2021</td></tr><tr><td>SERGIU RADU GOMA</td><td>05/03/2021</td></tr></tbody></table>	Name	Execution Date	JIAN MA	03/08/2021	SHEN-GE WANG	05/04/2021	SERGIU RADU GOMA	05/03/2021			
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JIAN MA	03/08/2021										
SHEN-GE WANG	05/04/2021										
SERGIU RADU GOMA	05/03/2021										
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>92121-1714</td></tr></table>	Name:	QUALCOMM INCORPORATED	Street Address:	5775 MOREHOUSE DRIVE	City:	SAN DIEGO	State/Country:	CALIFORNIA	Postal Code:	92121-1714	
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Street Address:	5775 MOREHOUSE DRIVE										
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State/Country:	CALIFORNIA										
Postal Code:	92121-1714										
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>17166861</td></tr></tbody></table>	Property Type	Number	Application Number:	17166861							
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Application Number:	17166861										
CORRESPONDENCE DATA											
Fax Number:											
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>											
Email:	LAHO@POL SINELLI.COM, PATENTDOCKETING@POL SINELLI.COM										
Correspondent Name:	POL SINELLI										
Address Line 1:	THREE EMBARCADERO CENTER, SUITE 2400										
Address Line 4:	SAN FRANCISCO, CALIFORNIA 94111										
ATTORNEY DOCKET NUMBER:	204469 (665474)										
NAME OF SUBMITTER:	LINDSAY AHO										
SIGNATURE:	/LINDSAY AHO/										
DATE SIGNED:	01/04/2023										
Total Attachments: 5											
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PATENT

REEL: 062292 FRAME: 0036

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6701149

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	JIAN MA	03/08/2021
	SHEN-GE WANG	05/04/2021
	SERGIU RADU GOMA	05/03/2021
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:	17166861
CORRESPONDENCE DATA		
Fax Number:		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
Email:	LAHO@POL SINELLI.COM	
Correspondent Name:	POL SINELLI	
Address Line 1:	THREE EMBARCADERO CENTER	
Address Line 2:	SUITE 2400	
Address Line 4:	SAN FRANCISCO, CALIFORNIA 94111	
ATTORNEY DOCKET NUMBER:	204469 (665474)	
NAME OF SUBMITTER:	LINDSAY AHO	
SIGNATURE:	/LINDSAY AHO/	
DATE SIGNED:	05/10/2021	
Total Attachments: 4		
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ASSIGNMENT

WHEREAS, WE,

1. **Jian MA**, having a mailing address located at **5775 Morehouse Drive, San Diego, CA 92121**,
2. **Shen-Ge WANG**, having a mailing address located at **5775 Morehouse Drive, San Diego, CA 92121**,
3. **Sergiu Radu GOMA**, having a mailing address located at **5775 Morehouse Drive, San Diego, CA 92121**,

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 **MULTIPLE CAMERA SYSTEM FOR WIDE ANGLE IMAGING** (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). 17/166,861 filed February 3, 2021, Qualcomm Reference Number 204469**, and all provisional applications relating thereto, together with **U.S. Provisional Application No(s). 63/040,661 filed June 18, 2020, Qualcomm Reference Number 204469P1**, (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 covenant that WE will not execute any writing or do any act whatsoever conflicting with these presents.

Done at San Diego, on 3/8/21
City, State, Country Date


Jian MA

AND WE HEREBY covenant that WE will not execute any writing or do any act whatsoever conflicting with these presents.

Done at San Diego CA USA, on 5/6/2021 Shen-Ge WANG
City, State, Country Date

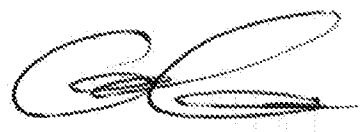
Done at _____, on _____
City, State, Country Date Sergiu Radu GOMA

AND WE HEREBY covenant that WE will not execute any writing or do any act whatsoever conflicting with these presents.

Done at _____, on _____
City, State, Country Date

Shen-Ge WANG

Done at San Diego, CA, on 5/3/2021
City, State, Country Date


Sergiu Radu GOMA