# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6690929

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|---|---|
| **SUBMISSION TYPE:** | NEW ASSIGNMENT |
| **NATURE OF CONVEYANCE:** | ASSIGNMENT |

**CONVEYING PARTY DATA**

| Name | Execution Date |
|---|---|
| CHUN-TING TSAI | 12/02/2020 |
| SREEVATSAN MADHAVAN | 05/04/2021 |
| SHANG-CHIH CHUANG | 11/30/2020 |
| KUANG-JUI HSU | 03/12/2020 |
| VENKATA RAVI KIRAN DAYANA | 12/30/2020 |
| XIAOYUN JIANG | 12/02/2020 |

**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:** | 17063541 |

**CORRESPONDENCE DATA**

**Fax Number:**

***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.***

| | |
|---|---|
| **Email:** | LAHO@POLSINELLI.COM |
| **Correspondent Name:** | POLSINELLI |
| **Address Line 1:** | THREE EMBARCADERO CENTER |
| **Address Line 2:** | SUITE 2400 |
| **Address Line 4:** | SAN FRANCISCO, CALIFORNIA 94111 |

| | |
|---|---|
| **ATTORNEY DOCKET NUMBER:** | 203595 (659056) |
| **NAME OF SUBMITTER:** | LINDSAY AHO |
| **SIGNATURE:** | /LINDSAY AHO/ |
| **DATE SIGNED:** | 05/04/2021 |

**Total Attachments: 8**

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# ASSIGNMENT

WHEREAS, WE,

1. Chang-Chi TSAI, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 92121,

2. Sreevatsan MADHAVAN, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 92121,

3. Shang-Chih CHUANG, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 92121,

4. Kuang-Jui HSU, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 92121,

5. Venkata Ravi Kiran DAYANA, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 92121,

6. Xiaoyun JIANG, 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 SEGMENTATION FOR IMAGE EFFECTS (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, I do hereby acknowledge that I 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 under the Patent Cooperation Treaty (PCT), and/or in the United States, including but not limited to International Patent Application and all provisional applications relating thereto, together with Non-U.S. Provisional Application No(s). **17/063,541**, filed **October 5, 2020**, Qualcomm Reference No. **203595**, (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 nonprovisional applications, national phase applications, 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 I further do acknowledge and agree that I 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 I 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 I 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 I may be entitled, or that I may collect for any infringement or from any settlement or agreement related to any of said patents before or after issuance;

AND I HEREBY covenant and agree that I will communicate promptly to said ASSIGNEE, its successors, its legal representatives, and its assigns, any facts known to me 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 I HEREBY covenant that I will not execute any writing or do any act whatsoever conflicting with these presents.

Done at San Diego . CA, on 12/02/2020
City, State Date
Chung-Chi TSAI

Done at __________, on __________
City, State Date
Sreevatsan MADHAVAN

Done at __________, on __________
City, State Date
Shang-Chih CHUANG

Done at __________, on __________
City, State Date
Kuang-Jui HSU

Done at __________, on __________
City, State Date
Venkata Ravi Kiran DAYANA

Done at __________, on __________
City, State Date
Xiaoyun JIANG

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

Done at ________________, on ______________ ____________________________
City, State Date Chung-Chi TSAI

Done at CHENNAI, TN, INDIA, on 05/04/2021 M. Sreevatsan
City, State Date Sreevatsan MADHAVAN

Done at ________________, on ______________ ____________________________
City, State Date Shang-Chih CHUANG

Done at ________________, on ______________ ____________________________
City, State Date Kuang-Jui HSU

Done at ________________, on ______________ ____________________________
City, State Date Venkata Ravi Kiran DAYANA

Done at ________________, on ______________ ____________________________
City, State Date Xiaoyun JIANG

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

Done at ________________, on ________________ ________________________
City, State Date Chung-Chi TSAI

Done at ________________, on ________________ ________________________
City, State Date Sreevatsan MADHAVAN

Done at San Diego, CA, on 11/30/2020 Shang-Chih Chuang
City, State Date Shang-Chih CHUANG

Done at ________________, on ________________ ________________________
City, State Date Kuang-Jui HSU

Done at ________________, on ________________ ________________________
City, State Date Venkata Ravi Kiran DAYANA

Done at ________________, on ________________ ________________________
City, State Date Xiaoyun JIANG

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

Done at ________________, on ______________ ______________________________
City, State Date Chung-Chi TSAI

Done at ________________, on ______________ ______________________________
City, State Date Sreevatsan MADHAVAN

Done at ________________, on ______________ ______________________________
City, State Date Shang-Chih CHUANG

Done at Hsinchu, Taiwan, on 03/12/2020 Kuang-Jui Hsu
City, State Date Kuang-Jui HSU

Done at ________________, on ______________ ______________________________
City, State Date Venkata Ravi Kiran DAYANA

Done at ________________, on ______________ ______________________________
City, State Date Xiaoyun JIANG

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

Done at ____________, on ____________ ____________
City, State Date Chung-Chi TSAI

Done at ____________, on ____________ ____________
City, State Date Sreevatsan MADHAVAN

Done at ____________, on ____________ ____________
City, State Date Shang-Chih CHUANG

Done at ____________, on ____________ ____________
City, State Date Kuang-Jui HSU

Done at San Diego, CA, on 12/30/2020 D.V.R.K
City, State Date Venkata Ravi Kiran DAYANA

Done at ____________, on ____________ ____________
City, State Date Xiaoyun JIANG

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

Done at ________________, on ______________
City, State Date
Chung-Chi TSAI

Done at ________________, on ______________
City, State Date
Sreevatsan MADHAVAN

Done at ________________, on ______________
City, State Date
Shang-Chih CHUANG

Done at ________________, on ______________
City, State Date
Kuang-Jui HSU

Done at ________________, on ______________
City, State Date
Venkata Ravi Kiran DAYANA

Done at San Diego, CA, on Dec. 2nd, 2020
City, State Date
Xiaoyun
Xiaoyun JIANG