506582780 03/30/2021

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT6629561

Stylesheet Version v1.2

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the SECOND INVENTOR'S NAME IN CONVEYING PARTY DATA SHOULD BE DAVID ERIC HAGLAN previously recorded on Reel 051585 Frame 0949. Assignor(s) hereby confirms the ASSIGNMENT.

#### **CONVEYING PARTY DATA**

Name	Execution Date
SHAMIM AHMED	01/17/2020
DAVID ERIC HAGLAN	01/17/2020

#### **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:	16696409

## CORRESPONDENCE DATA

**Fax Number:** (713)623-4846

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.

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**Email:** psdocketing@pattersonsheridan.com,sdominguez@pattersonsheridan.com

Correspondent Name: PATTERSON + SHERIDAN, LLP

Address Line 1: 24 GREENWAY PLAZA

Address Line 2: SUITE 1600

Address Line 4: HOUSTON, TEXAS 77046

ATTORNEY DOCKET NUMBER:	191854US
NAME OF SUBMITTER:	STEPHANIE DOMINGUEZ
SIGNATURE:	/STEPHANIE DOMINGUEZ/
DATE SIGNED:	03/30/2021

**Total Attachments: 4** 

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PATENT 506582780 REEL: 055766 FRAME: 0675

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> PATENT REEL: 055766 FRAME: 0676



United States Patent and Trademark Office





## Electronic Patent Assignment System

## **Confirmation Receipt**

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### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SHAMIM AHMED	
DAVID HAGLAN	01/17/2020

#### **RECEIVING PARTY DATA**

Name:	QUALCOMM INCORPORATED
Street Address:	5775 MOREHOUSE DRIVE
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92121

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16696409

#### CORRESPONDENCE DATA

Fax Number:

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Email: rross@pattersonsheridan.com, psdocketing@pattersonsheridan.com

PATENT \*\*
REEL: 055766 FRAME: 0677

RECEIPT INFORMATION

EPAS ID:

Receipt Date:

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. Correspondent Name: PATTERSON + SHERIDAN, L.L.P. QUALCOMM Address Line 1: 24 GREENWAY PLAZA, SUITE 1600 Address Line 4: HOUSTON, TEXAS 77046 ATTORNEY DOCKET 191854US **NUMBER:** NAME OF SUBMITTER: PAYTON HASHEMI Signature: /Payton Hashemi/ 01/22/2020 Date: **Total Attachments: 2** source=191854\_ASG\_2020-01-22#page1.tif source=191854 ASG 2020-01-22#page2.tif

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01/22/2020

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**PATENT REEL: 055766 FRAME: 0678** 

#### ASSIGNMENT

WHEREAS, WE,

- 1. Shamim AHMED, having a mailing address located at 5775 Morehouse Drive; San Diego, California 92121-1714,
- 2. David Eric HAGLAN, having a mailing address located at 5775 Morehouse Drive; San Diego, California 92121-1714,

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 LOW QUIESCENT CURRENT LOW-DROPOUT REGULATOR (LDO) (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, or under International Conventions, Treaties, or Agreements, U.S. Application No. 16/696,409 filed November 26, 2019, Qualcomm Reference No. 191854, and all provisional applications relating thereto, and divisional applications, renewal applications, continuation 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

PATENT REEL: 055766 FRAME: 0679 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 Tempe, AZ, on 17 Jan 2020 Shamim AHMED

Done at Tenne At , on 17 Jan 2020 David HAGLAN

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**RECORDED: 03/30/2021**