# 504926405 05/22/2018

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4973151

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT			
ATURE OF CONVEYAN	ICE:	ASSIGNMENT	ASSIGNMENT			
CONVEYING PARTY DA	ATA					
		Name	Name			
ARASH MEHRABI				07/29/2016		
ZONGYU DONG				07/26/2016		
VIJAYAKUMAR DHANA	SEKARA	N		07/27/2016		
DONGYANG TANG				07/26/2016		
CHIEN-CHUNG YANG				07/28/2016		
	ТА					
Name:	1	OMM INCORPORATED				
Street Address:	5775 M	OREHOUSE DRIVE				
City:	SAN DI	EGO				
State/Country:	CALIFO	PRNIA				
Postal Code:	92121-1	714				
PROPERTY NUMBERS Property Type		Number				
Application Number:		15986527				
CORRESPONDENCE DATA						
		512)327-5575				
Fax Number: <i>Correspondence will be</i>	( e sent to	(512)327-5575 the e-mail address first; if that is ; if that is unsuccessful, it will be				
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Fax Number: <i>Correspondence will be using a fax number, if µ</i> Phone:	( e sent to provided	the e-mail address first; if that is ; if that is unsuccessful, it will be				
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Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1:	e sent to provided ( ( - 8	<i>the e-mail address first; if that is</i> <i>; if that is unsuccessful, it will be</i> 512-327-5515 dwade@tlgiplaw.com TOLER LAW GROUP				
Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	e sent to provided ( ( - 2 8	<i>the e-mail address first; if that is</i> <i>; if that is unsuccessful, it will be</i> 512-327-5515 dwade@tlgiplaw.com TOLER LAW GROUP 8500 BLUFFSTONE COVE				
Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	e sent to provided ( - - - -	the e-mail address first; if that is ; if that is unsuccessful, it will be 512-327-5515 dwade@tlgiplaw.com TOLER LAW GROUP 8500 BLUFFSTONE COVE SUITE A201				
Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	e sent to provided ( - - - -	the e-mail address first; if that is ; if that is unsuccessful, it will be 512-327-5515 dwade@tlgiplaw.com TOLER LAW GROUP 8500 BLUFFSTONE COVE SUITE A201 AUSTIN, TEXAS 78759				
Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	e sent to provided ( - - - -	the e-mail address first; if that is ; if that is unsuccessful, it will be 512-327-5515 dwade@tlgiplaw.com TOLER LAW GROUP 8500 BLUFFSTONE COVE SUITE A201 AUSTIN, TEXAS 78759 154877D1				
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Total Attachments: 15

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PATENT OF TELESISTRE Do 154877 Provide

#### ASSIGNMENT

WHEREAS. WE.

Arash MEHRABL a citizen of Iran, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 92121-1714 and a resident of San Diego, CA.

2. Zongyu DONG, a citizen of China, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 92121-1714 and a resident of San Diego, CA.

 Vijayakumar DHANASEKARAN, a citizen of India, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 92121-1714 and a resident of San Diego, CA.

4. Dougyang TANG, a citizen of China, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 92121-1714 and a resident of San Diego, CA,

5. Chien-Chung YANG, a citizen of Taiwan, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 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 **AMPLIFIER WITH NONLINEARITY COMPENSATION** (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., destres 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, onto 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) 15/188,364 tiled June 21, 2016. Qualcomm Reference No. 154877, and all provisional applications relating thereto, together with U.S. Provisional Application No(s). 62/387,335, filed December 23, 2015, Qualcomm Reference No. 154877P1, (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-patt applications, and design applications thereof, and all issued patents of the United States which

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 legisl 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;

Done at Sa	See .on	, <u>7/2.2.4 (</u> DATE	A LIX -
1.0	CATION	DATE	Arash MEHRABI
Done at	, ön	DATE	
10	CATION	DATE	Zongyu DONG
Done at	, on CATION	DATE	Vijayakumar DHANASEKARAN
Done at	, DII CATION	DATE	Dongyang TANG
Done at	<i>,</i> 08.	·····	
LO	CATION	DATE	Chien-Chung YANG

PATENT QUALCOMM Ref. No. 154877 Page 1 of 3

#### ASSIGNMENT

WHEREAS, WE,

1. Arash MEHRABI, a citizen of Iran, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 92121-1714 and a resident of San Diego, CA,

2. Zongyu DONG, a citizen of China, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 92121-1714 and a resident of San Diego, CA,

3. Vijayakumar DHANASEKARAN, a citizen of India, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 92121-1714 and a resident of San Diego, CA,

4. Dongyang TANG, a citizen of China, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 92121-1714 and a resident of San Diego, CA.

5. Chien-Chung YANG, a citizen of Tahwan, having a mailing address located at \$775 Morehouse Drive, San Diego, CA 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 **AMPLIFIER WITH NONLINEARITY COMPENSATION** (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). 15/188,364 filed June 21, 2016, Qualcomm Reference No. 154877, and all provisional applications relating thereto, together with U.S. Provisional Application No(s). 62/387,335, filed December 23, 2615, Qualcomm Reference No. 154877P1, (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

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 ASSIONEE, 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;

PATENT CONCERNESS NO. 154877 Page 5 6 3

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

# ASSIGNMENT

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Done at	, on		
	LOCATION , on	DATE	Arash MEHRABI
Done at _	LOCATION , ON	DATE	Zongyu DONG
Done at <u>:</u>	AN <u>ORIGE CA</u> , on LOCATION	07 27 2016 DATE	Vijayakumar DHANASEKARAN
Done at _	, on, on	DATE	Dongyang TANG
Done at_	LOCATION	DATE	Chien-Chung YANG

# ASSIGNMENT

## WHEREAS, WE,

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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;

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Done at	, 08		
	, on, on	DATE	Arash MEHRABI
Done at	. 08		
	, on LOCATION	DATE	Zongyu DONG
Done at _	, on,	DATE	Vijayakumar DHANASEKARAN
Done at _	<u>o\1.6_WT-5106</u> on Location	07 <u>12612016</u> DATE	Dongyang TANG
Done at "	LOCATION	DATE	Chien-Chung YANG

### ASSIGNMENT

### WHEREAS, WE,

1. Arash MEHRABI, a citizen of Iran, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 92121-1714 and a resident of San Diego, CA.

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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;

Done at _	LOCATION	, on	DATE	Arash MEHRABI
Done at _	LOCATION	000	DATE	Zongyu DONG
Done at _	LOCATION	001	DATE	Vijayakumar DHANASEKARAN
Done at	LOCATION	_, on	DATE	Dongyang TANG
€ Done at ≤	)u alcomm. <u>Zoun Diego,</u> LOCATION	<u>(A</u> on <u>7</u>	<u>/&gt;8/&gt;016</u> DATE	<u>Chien-Army Yang</u> Chien-Ching VASG
				PATENT

RECORDED: 05/22/2018

REEL: 046871 FRAME: 0840