503190124 02/23/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3236742

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHAN LE NERRIEC	02/10/2015
JUDAH JOHN MENTER	02/03/2015
DANIEL TAI	02/02/2015
MATTHEW DANIEL SMITH	02/04/2015

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:	14601585

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.

Phone: 408-236-6646

Email: assignment@mppatentlaw.com

Correspondent Name: MAHAMEDI PARADICE LLP (QCA)

Address Line 1: 1901 S. BASCOM AVE.

Address Line 2: SUITE 600

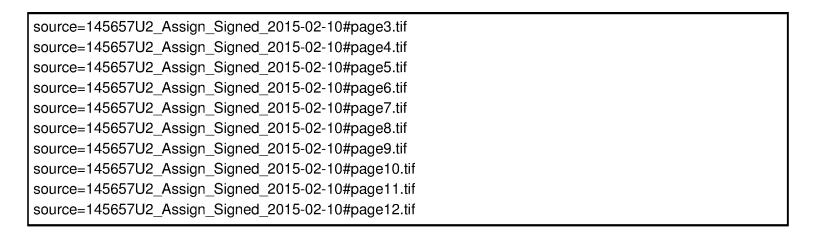
Address Line 4: CAMPBELL, CALIFORNIA 95008

ATTORNEY DOCKET NUMBER:	QCO145657U2
NAME OF SUBMITTER:	ZURVAN MAHAMEDI
SIGNATURE:	/Zurvan Mahamedi/
DATE SIGNED:	02/23/2015

Total Attachments: 12

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PATENT 503190124 REEL: 035005 FRAME: 0693



WHEREAS, WE,

- 1. **Johan Le Nerriec**, a citizen of France, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 92121-1714 and a resident of San Francisco, California,
- 2. **Judah John Menter**, a citizen of the United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 92121-1714 and a resident of Austin, Texas,
- 3. **Daniel Tai,** a citizen of the United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 92121-1714 and a resident of Union City, California,
- 4. **Matthew Daniel Smith,** a citizen of the United States of America, having a mailing address located at 1832 Cottle Avenue, San Jose, CA 92125 and a resident of San Jose, California,

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 **SYSTEM AND METHOD FOR CONTROLLING OUTPUT OF MULTIPLE AUDIO OUTPUT DEVICES** (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). 14/601,585 filed January 21, 2015 Qualcomm Reference No. 145657U1 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 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 \$	AN FRANCISCO	, on 2	110/2015	
***************************************	LOCATION		DATE	Johan Le Nerriec
Done at		, on		
	LOCATION		DATE	Judah John Menter
Done at_		_, on		
	LOCATION		DATE	Daniel Tai
Done at _		, on		
	LOCATION	7 ~~~	DATE	Matthew Daniel Smith

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- 4. **Matthew Daniel Smith,** a citizen of the United States of America, having a mailing address located at 1832 Cottle Avenue, San Jose, CA 92125 and a resident of San Jose, California,

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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;

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Done at	, 0	ń	
	LOCATION	DATE	Johan Le Nerriec
Done at A	uStin, TX, o LOCATION	n <u>2/3/(5</u> bate	Judah John Menter
Done at	, o LOCATION	n DATE	Daniel Tai
Done at	, o	n	Matthew Daniel Smith

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QUALCOMM Ref. No. 145657U2

Page 3 of 3

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Done at	, on	
LOCATIO	DATE DATE	Johan Le Nerriec
Done at	, on	
LOCATIO	DN DATE	Judah John Menter
Done at Sandose, (<u>A</u> , on <u>02/62/26/5</u> DN DATE	
LOCATIO	DN DATE	Daniel Tai
Done at	, on	
LOCATIO		Matthew Daniel Smith

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Done at	, on		·
	LOCATION	DATE	Johan Le-Nerriec
Done at _	, on		
	LOCATION	DATE	Judah John Menter
Done at _	, on		
	LOCATION	DATE	Daniel Tai
	Data An		
Done at	Palo Atto, California on	2/4/2015	MM
	LOCATION	DATE	Matthew Daniel Smith

PATENT REEL: 035005 FRAME: 0706

RECORDED: 02/23/2015