

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3710804

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SOO BUM LEE	12/10/2015
GEORGE CHERIAN	12/11/2015
ABHISHEK PRAMOD PATIL	12/10/2015
SANTOSH PAUL ABRAHAM	12/10/2015
JOUNI MALINEN	12/11/2015
RECEIVING PARTY DATA	
Name:	QUALCOMM INCORPORATED
Street Address:	5775 MOREHOUSE DRIVE
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92121-1714
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	14918470
Application Number:	62066796
CORRESPONDENCE DATA	
Fax Number:	(949)760-9502
<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>	
Phone:	949-760-0404
Email:	carrie.driskill@knobbe.com
Correspondent Name:	KNOBBE MARTENS OLSON & BEAR, LLP
Address Line 1:	2040 MAIN STREET, 14TH FLOOR
Address Line 4:	IRVINE, CALIFORNIA 92614
ATTORNEY DOCKET NUMBER:	QTELE.169A
NAME OF SUBMITTER:	FRED NICHOLSON
SIGNATURE:	/Fred Nicholson/
DATE SIGNED:	01/26/2016
Total Attachments: 15	

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ASSIGNMENT

WHEREAS, WE,

1. **Soo Bum Lee**, a citizen of the Republic of Korea, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714, U.S.A and a resident of San Diego, California,
2. **George Cherian**, a citizen of The United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714, U.S.A and a resident of San Diego, California,
3. **Abhishek Pramod Patil**, a citizen of India, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714, U.S.A and a resident of San Diego, California,
4. **Santosh Paul Abraham**, a citizen of The United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714, U.S.A and a resident of San Diego, California,
5. **Jouni Malinen**, a citizen of Finland, having a mailing address located at 5775 Morehouse Drive, San Diego, California 92121-1714, U.S.A and a resident of Tuusula, Finland,

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 **METHODS AND SYSTEMS FOR AUTHENTICATION INTEROPERABILITY** (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). 14/918,470, Qualcomm Reference No. 150365, filed October 20, 2015, and U.S. Application No(s). 62/066,796, Qualcomm Reference No. 150365P1, filed October 21, 2014 and all utility 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;

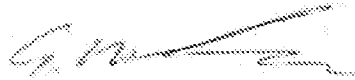
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AND WE DO HEREBY authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications or registrations, to issue all patents for said INVENTIONS to said ASSIGNEE, its successors, its legal representatives and its assigns, in accordance with the terms of this instrument;

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, CA, on 12/10/2015 
LOCATION DATE Soo Bum Lee

Done at _____, on _____
LOCATION DATE George Cherian

Done at _____, on _____
LOCATION DATE Abhishek Pramod Patil

Done at _____, on _____
LOCATION DATE Santosh Paul Abraham

Done at _____, on _____
LOCATION DATE Jouni Malinen

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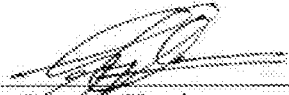
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AND WE HEREBY covenant that WE will not execute any writing or do any act whatsoever conflicting with these presents.

Done at _____, on _____
LOCATION DATE

Soo Bum Lee

Done at San Diego, on 12/11/15
LOCATION DATE


George Cherian

Done at _____, on _____
LOCATION DATE

Abhishek Pramod Patil

Done at _____, on _____
LOCATION DATE

Santosh Paul Abraham

Done at _____, on _____
LOCATION DATE

Jouni Malinen

ASSIGNMENT

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

Done at _____, on _____
LOCATION DATE

Soo Bum Lee

Done at _____, on _____
LOCATION DATE

George Cherian

Done at San Diego, on 12/12/2018
LOCATION DATE



Abhishek Pramod Patil

Done at _____, on _____
LOCATION DATE

Santosh Paul Abraham

Done at _____, on _____
LOCATION DATE

Jouni Malinen

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Done at _____, on _____
LOCATION DATE

Soo Bum Lee

Done at _____, on _____
LOCATION DATE

George Cherian

Done at _____, on _____
LOCATION DATE

Abhishek Pramod Patil

Done at SAN DIEGO, on 12/10/15
12/10/15
LOCATION DATE

Santosh Paul Abraham

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LOCATION DATE

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George Cherian

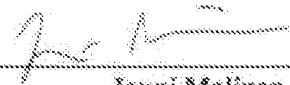
Done at _____, on _____
LOCATION DATE

Abhishek Pramod Patil

Done at _____, on _____
LOCATION DATE

Santosh Paul Abraham

Done at TULSA, OKLA, on 12/11/2015
LOCATION DATE


Jouni Malinen