

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3170728

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YONGLE WU	11/19/2014
VISHU KUMAR	11/20/2014
AMIT MAHAJAN	12/09/2014
UDAYAN MURLI BHAWNANI	11/26/2014
WON-JOON CHOI	12/03/2014
SHIVRATNA GIRI SRINIVASAN	12/21/2014
OSAMA NAFETH SALEEM ALRABADI	11/26/2014
DOMINIQUE FRANCOIS BRESSANELLI	11/27/2014
MARIAN MADAN	11/21/2014
MOHAMED KHALIFA	11/28/2014
FLORINA ANDREEA PRISECARU	11/14/2014
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:	14537563
CORRESPONDENCE DATA	
Fax Number:	(713)623-4846
<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:	713-623-4844
Email:	smccauley@pattersonsheridan.com, sdominguez@pattersonsheridan.com, psdocketing@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:	134816US
NAME OF SUBMITTER:	RANDOL W. READ
SIGNATURE:	/Randol W. READ/
DATE SIGNED:	01/06/2015

Total Attachments: 13

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ASSIGNMENT

WHEREAS, WE,

1. **Yongle WU**, a citizen of **the People's Republic of China**, having a mailing address located at 5775 Morehouse Drive; San Diego, California 92121-1714 and a resident of **San Diego, California**,
2. **Vishu KUMAR**, a citizen of **India**, having a mailing address located at 5775 Morehouse Drive; San Diego, California 92121-1714 and a resident of **Hyderabad, India**,
3. **Amit MAHAJAN**, a citizen of **India**, having a mailing address located at 1030 Jena Ter; Sunnyvale, California 94089 and a resident of **Sunnyvale, California**,
4. **Udayan Murli BHAWNANI**, a citizen of **India**, having a mailing address located at 5775 Morehouse Drive; San Diego, California 92121-1714 and a resident of **San Diego, California**,
5. **Won-Joon CHOI**, a citizen of **the United States of America**, having a mailing address located at 5775 Morehouse Drive; San Diego, California 92121-1714 and a resident of **San Diego, California**,
6. **Shivratna Giri SRINIVASAN**, a citizen of **India**, having a mailing address located at No. 30/5 Bharathinagar, 1st Street 3rd Lane, T. Nagar, Chennai, India, 600017 and a resident of **Chennai, India**,
7. **Osama Nafeth Saleem ALRABADI**, a citizen of **Jordan**, having a mailing address located at 5775 Morehouse Drive; San Diego, California 92121-1714 and a resident of **Bad Soden am Taunus, Germany**,
8. **Dominique Francois BRESSANELLI**, a citizen of **France**, having a mailing address located at 5775 Morehouse Drive; San Diego, California 92121-1714 and a resident of **Eschborn, Germany**,
9. **Marian MADAN**, a citizen of **Moldava**, having a mailing address located at 5775 Morehouse Drive; San Diego, California 92121-1714 and a resident of **Bad Soden am Taunus, Germany**,
10. **Mohamed KHALIFA**, a citizen of **Egypt**, having a mailing address located at 5775 Morehouse Drive; San Diego, California 92121-1714 and a resident of **Frankfurt Hessen, Germany**, and
11. **Florina Andreea PRISECARU**, a citizen of **Romania**, having a mailing address located at 5775 Morehouse Drive; San Diego, California 92121-1714 and a resident of **Frankfurt Hessen, Germany**,

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 **PRIORITY MANAGEMENT OF A MEASUREMENT EVENT TIMER AND LOW-POWER PERIOD** (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. **14/537,563** filed **November 10, 2014**, Qualcomm Reference No. **134816**, and all provisional applications relating thereto, together with U.S. Provisional Application No. US **61/902,657**, filed **November 11, 2013**, Qualcomm Reference No. **134816P1**, and 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 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;

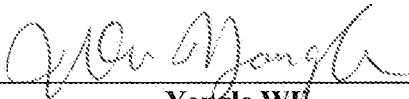
AND WE DO HEREBY authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications or registrations, to issue all patents for said

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 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, on 11/19/2014 
LOCATION DATE **Yongle WU**

Done at _____, on _____
LOCATION DATE **Vishu KUMAR**

Done at _____, on _____
LOCATION DATE **Amit MAHAJAN**

Done at _____, on _____
LOCATION DATE **Udayan Murli BHAWNANI**

Done at _____, on _____
LOCATION DATE **Won-joon CHOI**

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 _____, on _____
 LOCATION DATE Yongle WU

Done at HYDERABAD, on 11/20/2014
 LOCATION DATE Vishu KUMAR

Done at _____, on _____
 LOCATION DATE Amit MAHAJAN

Done at _____, on _____
 LOCATION DATE Udayan Murli BHAWNANI

Done at _____, on _____
 LOCATION DATE Won-joon CHOI

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 _____, on _____
LOCATION DATE Yongle WU

Done at _____, on _____
LOCATION DATE Vishu KUMAR

Done at SUNNYVALE, CA, on 12/09/2014
LOCATION DATE 
Amit MAHAJAN

Done at _____, on _____
LOCATION DATE Udayan Murli BHAWNANI

Done at _____, on _____
LOCATION DATE Won-joon CHOI

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 _____, on _____
LOCATION DATE Yongle WU

Done at _____, on _____
LOCATION DATE Vishu KUMAR

Done at _____, on _____
LOCATION DATE Amit MAHAJAN

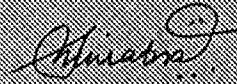
Done at _____, on _____
LOCATION DATE Udayan Murli BHAWNANI

Done at San Diego, CA, on 12/03/14
LOCATION DATE 
Won-joon CHOI

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 CHENNAI, INDIA , on DEC 21, 2014
LOCATION DATE



Shivratna Giri SRINIVASAN

Done at _____ , on _____
LOCATION DATE

Osama Nafeth Saleem ALRABADI

Done at _____ , on _____
LOCATION DATE

Dominique Francois BRESSANELLI

Done at _____ , on _____
LOCATION DATE

Marian MADAN

Done at _____ , on _____
LOCATION DATE

Mohamed KHALIFA

Done at _____ , on _____
LOCATION DATE

Florina Andreea PRISECARU

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 _____, on _____
LOCATION DATE Shivratna Giri SRINIVASAN

Done at Frankfurt, on 26 Nov 2010
LOCATION DATE 
Osama Nafeth Saleem ALRABADI

Done at _____, on _____
LOCATION DATE Dominique Francois BRESSANELLI

Done at _____, on _____
LOCATION DATE Marian MADAN

Done at _____, on _____
LOCATION DATE Mohamed KHALIFA

Done at _____, on _____
LOCATION DATE Florina Andreea PRISECARU

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 _____, on _____
 LOCATION DATE Shivratna Giri SRINIVASAN

Done at _____, on _____
 LOCATION DATE Osama Nafeth Saleem ALRABADI

Done at ESCHWABEN
GERMANY, on 11-24-2011
 LOCATION DATE Dominique Francois BRESSANELLI

Done at _____, on _____
 LOCATION DATE Marian MADAN

Done at _____, on _____
 LOCATION DATE Mohamed KHALIFA

Done at _____, on _____
 LOCATION DATE Florina Andreea PRISECARU

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 _____, on _____
LOCATION DATE Shivratna Giri SRINIVASAN

Done at _____, on _____
LOCATION DATE Osama Nafeth Saleem ALRABADI

Done at _____, on _____
LOCATION DATE Dominique Francois BRESSANELLI

Done at _____, on _____
LOCATION DATE Marian MADAN

Done at Frankfurt, on 28.11.2014
LOCATION DATE 
Mohamed KHALIFA

Done at _____, on _____
LOCATION DATE Florina Andreea PRISECARU

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 _____, on _____
 LOCATION DATE Shivratna Giri SRINIVASAN

Done at _____, on _____
 LOCATION DATE Osama Nafeth Saleem ALRABADI

Done at _____, on _____
 LOCATION DATE Dominique Francois BRESSANELLI

Done at _____, on _____
 LOCATION DATE Marian MADAN

Done at _____, on _____
 LOCATION DATE Mohamed KHALIFA

Done at FRANKFURT, on 24.11.2014
 LOCATION DATE Florina Andreea PRISECARU