

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2616129

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>VALENTIN ALEXANDRU GHEORGHIU</td> <td>08/27/2013</td> </tr> <tr> <td>MASATO KITAZOE</td> <td>08/27/2013</td> </tr> <tr> <td>BRIAN CLARKE BANISTER</td> <td>09/11/2013</td> </tr> <tr> <td>ALEXEI YURIEVITCH GOROKHOV</td> <td>09/05/2013</td> </tr> <tr> <td>TINGFANG JI</td> <td>09/25/2013</td> </tr> <tr> <td>SHIVRATNA GIRI SRINIVASAN</td> <td>09/18/2013</td> </tr> <tr> <td>AMIR FARAJIDANA</td> <td>08/28/2013</td> </tr> </tbody> </table>		Name	Execution Date	VALENTIN ALEXANDRU GHEORGHIU	08/27/2013	MASATO KITAZOE	08/27/2013	BRIAN CLARKE BANISTER	09/11/2013	ALEXEI YURIEVITCH GOROKHOV	09/05/2013	TINGFANG JI	09/25/2013	SHIVRATNA GIRI SRINIVASAN	09/18/2013	AMIR FARAJIDANA	08/28/2013
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<table border="1"> <tr> <td>Name:</td> <td>QUALCOMM INCORPORATED</td> </tr> <tr> <td>Street Address:</td> <td>5775 MOREHOUSE DRIVE</td> </tr> <tr> <td>City:</td> <td>SAN DIEGO</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>92121-1714</td> </tr> </table>		Name:	QUALCOMM INCORPORATED	Street Address:	5775 MOREHOUSE DRIVE	City:	SAN DIEGO	State/Country:	CALIFORNIA	Postal Code:	92121-1714						
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CORRESPONDENCE DATA																	
Fax Number:	(713)623-4846																
Phone:	(713) 623-4844																
Email:	mmiles@pattersonsheridan.com, PSDocketing@pattersonsheridan.com																
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>																	
Correspondent Name:	PATTERSON & SHERIDAN, LLP																
Address Line 1:	3040 POST OAK BLVD.																
Address Line 2:	SUITE 1500																
Address Line 4:	HOUSTON, TEXAS 77056																
ATTORNEY DOCKET NUMBER:	121189US																
PATENT																	

NAME OF SUBMITTER:	RANDOL W. READ
Signature:	/Randol W. READ/
Date:	11/15/2013
<p>Total Attachments: 8</p> <p>source=121189_Assignment#page1.tif</p> <p>source=121189_Assignment#page2.tif</p> <p>source=121189_Assignment#page3.tif</p> <p>source=121189_Assignment#page4.tif</p> <p>source=121189_Assignment#page5.tif</p> <p>source=121189_Assignment#page6.tif</p> <p>source=121189_Assignment#page7.tif</p> <p>source=121189_Assignment#page8.tif</p>	

ASSIGNMENT

WHEREAS, WE,

1. **Valentin Alexandru Gheorghiu**, a citizen of **Romania** having a mailing address located at **5775 Morehouse Drive, San Diego, CA**, and a resident of **Tokyo, Japan**;
2. **Masato Kitazoe**, a citizen of **Japan**, having a mailing address located at **5775 Morehouse Drive, San Diego, CA**, and a resident of **Tokyo, Japan**;
3. **Brian Clarke Banister**, a citizen of the **United States of America**, having a mailing address located at **5775 Morehouse Drive, San Diego, CA**, and a resident of **San Diego, CA**;
4. **Alexei Yurievitch Gorokhov**, a citizen of the **United States of America**, having a mailing address located at **5775 Morehouse Drive, San Diego, CA**, and a resident of **San Diego, CA**;
5. **Tingfang Ji**, a citizen of **China**, having a mailing address located at **5775 Morehouse Drive, San Diego, CA**, and a resident of **San Diego, CA**;
6. **Shivratna Giri Srinivasan**, a citizen of the **United States of America**, having a mailing address located at **5775 Morehouse Drive, San Diego, CA**, and a resident of **San Diego, CA**, and
7. **Amir Farajidana**, a citizen of **Iran**, having a mailing address located at **5775 Morehouse Drive, San Diego, CA**, and a resident of **Sunnyvale, 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 **FLEXIBLE RADIO RESOURCE MANAGEMENT (RRM) MEASUREMENTS FOR WIRELESS NETWORKS** (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. 13/753,213, filed January 29, 2013, Qualcomm Reference No. 121189, and all provisional applications relating thereto, together with U.S. Provisional Application Nos. 61/680,177, filed August 6, 2012, Qualcomm Reference No. 121189P2; and 61/592,441, filed January 30, 2012, Qualcomm Reference No. 121189P1; (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 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;

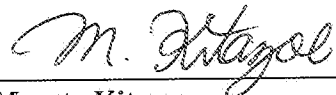
AND WE DO HEREBY sell, assign, transfer, and convey to said ASSIGNEE, its successors, its legal representatives, and its assigns all claims for damages and all remedies arising out of or relating to any violation(s) of any of the rights assigned hereby that have or may have accrued prior to the date 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 Tokyo, on August 27, 2013
LOCATION DATE

Valentin Alexandru Gheorghiu

Done at Tokyo, on August 27, 2013
LOCATION DATE

Masato Kitazoe

Done at _____, on _____
LOCATION DATE
Brian Clarke Banister

Done at _____, on _____
LOCATION DATE
Alexei Yurievitch Gorokhov

Done at _____, on _____
LOCATION DATE
Tingfang Ji

Done at _____, on _____
LOCATION DATE
Shivratna Giri Srinivasan

Done at _____, on _____
LOCATION DATE
Amir Farajidana

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Done at _____, on _____
LOCATION DATE Valentin Alexandru Gheorghiu

Done at _____, on _____
LOCATION DATE Masato Kitazoe

Done at San Diego, on 9/11/2013
LOCATION DATE 
Brian Clarke Banister

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Alexei Yurievitch Gorokhov

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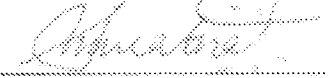
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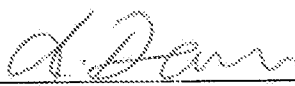
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LOCATION DATE Tingfang Ji

Done at _____, on _____
LOCATION DATE Shivratna Giri Srinivasan

Done at Santa Clara, CA, on 8/28/2013
LOCATION DATE  Amir Farajidana