

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Alan Barbieri</td> <td>10/08/2012</td> </tr> <tr> <td>Tingfang Ji</td> <td>10/17/2012</td> </tr> <tr> <td>Hao Xu</td> <td>10/16/2012</td> </tr> <tr> <td>Wanshi Chen</td> <td>10/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	Alan Barbieri	10/08/2012	Tingfang Ji	10/17/2012	Hao Xu	10/16/2012	Wanshi Chen	10/16/2012
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RECEIVING PARTY DATA											
<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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PROPERTY NUMBERS Total: 2											
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CORRESPONDENCE DATA											
Fax Number: 3102015219 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: (310) 201-5262 Email: qualcomm-uspto@seyfarth.com Correspondent Name: Alan M. Lenkin Address Line 1: Seyfarth Shaw LLP Address Line 2: 2029 Century Park East, Suite 3500 Address Line 4: Los Angeles, CALIFORNIA 90067											
ATTORNEY DOCKET NUMBER:	113168; 113168P1										
NAME OF SUBMITTER:	Alan M. Lenkin										

CH \$80.00 13592194

Total Attachments: 4

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ASSIGNMENT

WHEREAS, WE,

1. Alan Barbieri, a citizen of Italy, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 92121-1714 and a resident of San Diego, CA,
2. Tingfang Ji, 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. Hao Xu, a citizen of United States of America, having a mailing address located at 5775 Morehouse Drive, San Diego, CA 92121-1714 and a resident of San Diego, CA,
4. Wanshi Chen, 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,

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 **MULTI-POINT PUCCH ATTACHMENT** (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). 13/592,194 filed August 22, 2012, QUALCOMM Reference No. 113168, and all provisional applications relating thereto, together with U.S. Provisional Application No(s). 61/527,551, filed August 25, 2011, QUALCOMM Reference No. 113168P1, (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 HEREBY represent that WE have full and exclusive, unencumbered right to sell, assign, convey and transfer all subject matter herein, and hereby covenant that WE have not and will not execute any writing or do any act whatsoever conflicting with these presents.

Done at SAN DIEGO, on 10/8/2012 Alan Barbieri
LOCATION DATE


Done at _____, on _____
LOCATION DATE Tingfang Ji

Done at _____, on _____
LOCATION DATE Hao Xu

Done at _____, on _____
LOCATION DATE Wanshi Chen

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Done at _____, on _____
LOCATION DATE Alan Barbieri

Done at San Diego, on 10/17/2012
LOCATION DATE 
Tingfang Ji

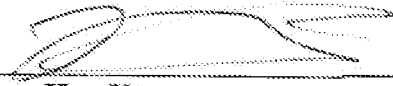
Done at _____, on _____
LOCATION DATE Hao Xu

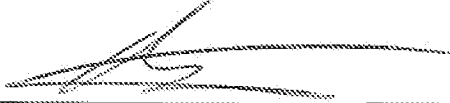
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