

## 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>Tao Luo</td><td>09/01/2009</td></tr><tr><td>Wanshi Chen</td><td>09/01/2009</td></tr><tr><td>Juan Montojo</td><td>09/01/2009</td></tr></tbody></table>		Name	Execution Date	Tao Luo	09/01/2009	Wanshi Chen	09/01/2009	Juan Montojo	09/01/2009		
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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</td></tr></table>		Name:	QUALCOMM Incorporated	Street Address:	5775 Morehouse Drive	City:	San Diego	State/Country:	CALIFORNIA	Postal Code:	92121
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PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12536440</td></tr></tbody></table>		Property Type	Number	Application Number:	12536440						
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Application Number:	12536440										
CORRESPONDENCE DATA											
Fax Number: (858)658-2502 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Email: us-docketing@qualcomm.com											
Correspondent Name: QUALCOMM Incorporated											
Address Line 1: 5775 Morehouse Drive											
Address Line 4: San Diego, CALIFORNIA 92121											
ATTORNEY DOCKET NUMBER:	082184										
NAME OF SUBMITTER:	Gayle Gestick										
Total Attachments: 2 source=082184_2009-09-04_ASST_Signed#page1.tif source=082184_2009-09-04_ASST_Signed#page2.tif											

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REEL: 023481 FRAME: 0943

## ASSIGNMENT

TO WHOM IT MAY CONCERN:

For the sum of One Dollar and other valuable consideration to us in hand paid, receipt of which is hereby acknowledged, be it known that We,

1. Tao Luo, a citizen of Canada, having a mailing address of 5775 Morehouse Drive, San Diego, California, 92121, United States of America; and a resident of San Diego, California, United States of America,
2. Wanshi Chen, a citizen of China, having a mailing address of 5775 Morehouse Drive, San Diego, California, 92121, United States of America; and a resident of San Diego, California, United States of America,
3. Juan Montojo, a citizen of the United States of America, having a mailing address of 5775 Morehouse Drive, San Diego, California, 92121, United States of America; and a resident of San Diego, California, United States of America,

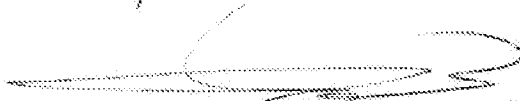
have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto QUALCOMM Incorporated, a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, its successors, legal representatives, or assigns, the entire right, title and interest in and to a certain invention relating to **RNTI-DEPENDENT SCRAMBLING SEQUENCE INITIALIZATION** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on August 5, 2009, and assigned Serial No. 12/536,440, including Provisional Application Number 61/087,100, filed on August 7, 2008, and all original and reissue patents

## ASSIGNMENT

granted thereof (in the United States and any foreign country), and all divisionals, continuations and continuations-in-part thereof, including the subject matter of any and all claims which may be obtained in every such patent, and all foreign rights to said invention, and covenant that we have full right to do so, and agree that we will communicate to said corporation or its representatives all facts known to us respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, make all rightful oaths and generally do everything possible to aid said corporation, its successors, assigns and nominees, to obtain and enforce proper patent protection for said invention in all countries.

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

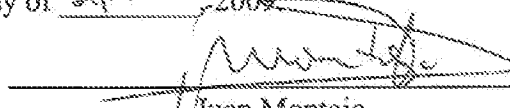
Done at San Diego, California this 15<sup>th</sup> day of Sept, 2009.

  
\_\_\_\_\_  
Tao Luo

Done at San Diego, California this 15<sup>th</sup> day of Sept, 2009.

  
\_\_\_\_\_  
Wanshi Chen

Done at San Diego, California this 15<sup>th</sup> day of Sept, 2009.

  
\_\_\_\_\_  
Juan Montojo