

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Fatih Ulupinar</td> <td>01/12/2009</td> </tr> <tr> <td>Peerapol Tinnakornsrishupap</td> <td>01/12/2009</td> </tr> <tr> <td>Parag A. Agashe</td> <td>01/12/2009</td> </tr> <tr> <td>Linhai He</td> <td>01/12/2009</td> </tr> </tbody> </table>		Name	Execution Date	Fatih Ulupinar	01/12/2009	Peerapol Tinnakornsrishupap	01/12/2009	Parag A. Agashe	01/12/2009	Linhai He	01/12/2009
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Peerapol Tinnakornsrishupap	01/12/2009										
Parag A. Agashe	01/12/2009										
Linhai He	01/12/2009										
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											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12346703</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12346703						
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Application Number:	12346703										
CORRESPONDENCE DATA											
Fax Number:	(858)658-2502										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	(858) 651-5205										
Email:	usdocketing@qualcomm.com										
Correspondent Name:	QUALCOMM Incorporated										
Address Line 1:	5775 Morehouse Drive										
Address Line 4:	San Diego, CALIFORNIA 92121-1714										
ATTORNEY DOCKET NUMBER:	080504										
NAME OF SUBMITTER:	Susan Turner										

CH \$40.00 12346703

Total Attachments: 4
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**PATENT
 REEL: 022116 FRAME: 0210**

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ASSIGNMENT

TO WHOM IT MAY CONCERN:

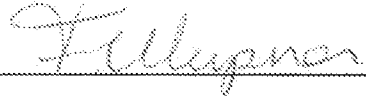
For the sum of One Dollar and other valuable consideration to us in hand paid, receipt of which is hereby acknowledged, be it known that We,

1. Fatih Ulupinar, a citizen of the United States, having a place of residence at 17387 Grandee Place, San Diego, California, 92128, United States of America;
2. Peerapol Tinnakornsriruphap, a citizen of Thailand, having a place of residence at 9345 Hillery Drive #17203, San Diego, California, 92126, United States of America;
3. Parag A. Agashe, a citizen of the United States, having a place of residence at 5851 Cape Jewels Trail, San Diego, California, 92130, United States of America; and
4. Linhai He, a citizen of the United States, having a place of residence at 5775 Morehouse Drive, San Diego, California, 92121, 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 **APPARATUS AND METHODS TO FACILITATE SEAMLESS HANDOFFS BETWEEN WIRELESS COMMUNICATION NETWORKS** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **December 30, 2008**, assigned Application Number **12/346,703**, including, without limitation, all provisional patent applications, including Provisional Application Number **61/019,179** filed on **January 4, 2008**, and all original and reissue patents granted thereof (in the United States and any foreign country), and all divisions, and continuations 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 12th day of January, 2009.



Fatih Ulupinar

Done at San Diego, California this _____ day of _____, 2009.

Peerapol Tinnakornsriruphap

Done at San Diego, California this 12 day of Jan, 2009.



Parag A. Agashe

Done at San Diego, California this _____ day of _____, 2009.

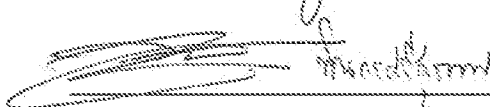
Linhai He

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Fatih Ulupinar

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Peerapol Tinnakornsriruphap

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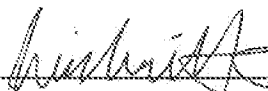
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Linhai He