

PATENT ASSIGNMENT

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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>Marc W. Werner</td> <td>06/02/2009</td> </tr> <tr> <td>Christian Pietsch</td> <td>06/02/2009</td> </tr> <tr> <td>Christian Sgraja</td> <td>06/02/2009</td> </tr> <tr> <td>Wolfgang Granzow</td> <td>06/02/2009</td> </tr> <tr> <td>Nikolai KN Leung</td> <td>06/01/2009</td> </tr> <tr> <td>Christoph A. Joetten</td> <td>06/02/2009</td> </tr> <tr> <td>Pengjun Huang</td> <td>06/01/2009</td> </tr> </tbody> </table>		Name	Execution Date	Marc W. Werner	06/02/2009	Christian Pietsch	06/02/2009	Christian Sgraja	06/02/2009	Wolfgang Granzow	06/02/2009	Nikolai KN Leung	06/01/2009	Christoph A. Joetten	06/02/2009	Pengjun Huang	06/01/2009
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RECEIVING PARTY DATA																	
Name:	QUALCOMM Incorporated																
Street Address:	5775 Morehouse Drive																
Internal Address:	Patent Department/Central Administration																
City:	San Diego																
State/Country:	CALIFORNIA																
Postal Code:	92121																
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>12477608</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12477608												
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Application Number:	12477608																
CORRESPONDENCE DATA																	
Fax Number:	(858)658-2502																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone:	858 845-4265																
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Correspondent Name:	QUALCOMM Incorporated																
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Address Line 2:	Patent Department/Central Administration																
Address Line 4:	San Diego, CALIFORNIA 92121																

CH \$40.00 12477608

ATTORNEY DOCKET NUMBER:	081226U5
NAME OF SUBMITTER:	Marion Comer De Yoe
<p>Total Attachments: 12</p> <p>source=081226U5_2009-06-03_ASST#page1.tif</p> <p>source=081226U5_2009-06-03_ASST#page2.tif</p> <p>source=081226U5_2009-06-03_ASST#page3.tif</p> <p>source=081226U5_2009-06-03_ASST#page4.tif</p> <p>source=081226U5_2009-06-03_ASST#page5.tif</p> <p>source=081226U5_2009-06-03_ASST#page6.tif</p> <p>source=081226U5_2009-06-03_ASST#page7.tif</p> <p>source=081226U5_2009-06-03_ASST#page8.tif</p> <p>source=081226U5_2009-06-03_ASST#page9.tif</p> <p>source=081226U5_2009-06-03_ASST#page10.tif</p> <p>source=081226U5_2009-06-03_ASST#page11.tif</p> <p>source=081226U5_2009-06-03_ASST#page12.tif</p>	

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. Marc W. Werner, a citizen of Germany, having a mailing address of Nordostpark 89, Etage 1 Suite 16, Nuremberg, BA 90411, Germany; and a resident of Nuernberg, Bavaria;
2. Christian Pietsch, a citizen of Germany, having a mailing address of Nordostpark 89, Etage 1 Suite 16, Nuremberg, BA 90411, Germany; and a resident of Neu-Ulm, Bavaria;
3. Christian Sgraja, a citizen of Germany, having a mailing address of Nordostpark 89, Etage 1 Suite 16, Nuremberg, BA 90411, Germany; and a resident of Lauf, Bavaria;
4. Wolfgang Granzow, a citizen of Germany, having a mailing address of Nordostpark 89, Etage 1 Suite 16, Nuremberg, BA 90411, Germany; and a resident of Heroldsberg, Bavaria;
5. Nikolai KN Leung, a citizen of the United States of America, having a mailing address of 7710 Takoma Avenue, Takoma Park, MD, 20912, US; and a resident of Takoma Park, Maryland;
6. Christoph A. Joetten, a citizen of Germany, having a mailing address of Nordostpark 89, Etage 1 Suite 16, Nuremberg, BA 90411, Germany; and a resident of Wadem, Saarland; and
7. Pengjun Huang, a citizen of the United States of America, having a mailing address of 5775 Morehouse Drive, San Diego, CA 92121, US; and a resident of San Diego, California;

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 **SYSTEM AND**

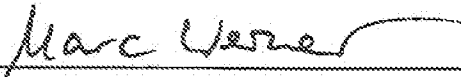
ASSIGNMENT

METHOD OF AN IN-BAND MODEM FOR DATA COMMUNICATIONS OVER DIGITAL WIRELESS COMMUNICATION NETWORKS by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on _____, and assigned Serial No. _____, (and we hereby authorize and instruct QUALCOMM Incorporated to hereafter complete this Assignment by inserting the filing date and serial number in the space provided when known), including, without limitation, all provisional patent applications, including Provisional Application Number 61/059,179, filed on June 5, 2008, and Provisional Application Number 61/087,923, filed August 11, 2008, and Provisional Application Number 61/093,657, filed September 2, 2008, and Provisional Application No. 61/122,997, filed December 16, 2008, and Provisional Application Number 61/151,457 filed February 10, 2009, and Provisional Application Number 61/166,904, filed April 6, 2009, and all original and reissue patents 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.

ASSIGNMENT

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 Nuremberg, Bavaria, this 2 day of June, 2009.


MARC W. WERNER

Done at Nuremberg, Bavaria, this 2 day of June, 2009.


CHRISTIAN PIETSCH

Done at Nuremberg, Bavaria, this 2 day of June, 2009.


CHRISTIAN SCHRAJA

Done at Nuremberg, Bavaria, this 2 day of June, 2009.



WOLFGANG GRANZOW

Done at Takoma Park, Maryland, this _____ day of _____, 2009.

NIKOLAI KN LEUNG

ASSIGNMENT

Done at Nuremberg, Bavaria, this 2 day of June, 2009.


CHRISTOPH A. JOETTEN

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

PENGJUN HUANG

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PATENT
Docket No.081226U5
Page 3 of 4

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Done at Nuremberg, Bavaria, this _____ day of _____, 2009.

MARC W. WERNER

Done at Nuremberg, Bavaria, this _____ day of _____, 2009.

CHRISTIAN PIETSCH

Done at Nuremberg, Bavaria, this _____ day of _____, 2009.

CHRISTIAN SGRAJA

Done at Nuremberg, Bavaria, this _____ day of _____, 2009.

WOLFGANG GRANZOW

Done at Takoma Park, Maryland, this 1st day of June, 2009.



NIKOLAI KN LEUNG

ASSIGNMENT

Done at Nuremberg, Bavaria, this _____ day of _____, 2009.

CHRISTOPH A. JOETTEN

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