

## PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

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>Christian Pietsch</td><td>06/02/2010</td></tr><tr><td>Christian Sgraja</td><td>06/02/2010</td></tr><tr><td>Christoph A Joetten</td><td>06/01/2010</td></tr><tr><td>Nikolai K. Leung</td><td>06/02/2010</td></tr><tr><td>Marc W Werner</td><td>06/02/2010</td></tr><tr><td>Wolfgang Granzow</td><td>06/02/2010</td></tr></tbody></table>		Name	Execution Date	Christian Pietsch	06/02/2010	Christian Sgraja	06/02/2010	Christoph A Joetten	06/01/2010	Nikolai K. Leung	06/02/2010	Marc W Werner	06/02/2010	Wolfgang Granzow	06/02/2010
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Wolfgang Granzow	06/02/2010														
RECEIVING PARTY DATA															
Name:	QUALCOMM INCORPORATED														
Street Address:	5775 MOREHOUSE DRIVE														
Internal Address:	CENTRAL ADMINISTRATION/PATENT DEPARTMENT														
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>12816252</td></tr></tbody></table>		Property Type	Number	Application Number:	12816252										
Property Type	Number														
Application Number:	12816252														
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														
Email:	us-docketing@qualcomm.com														
Correspondent Name:	QUALCOMM INCORPORATED														
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Address Line 2:	CENTRAL ADMINISTRATION/PATENT DEPARTMENT														
Address Line 4:	SAN DIEGO, CALIFORNIA 92121														
ATTORNEY DOCKET NUMBER:	092544U2														

CH \$40.00 12816252

501276675

PATENT  
REEL: 024911 FRAME: 0769

NAME OF SUBMITTER:

OLIVIA C. FRIAS

**Total Attachments: 9**

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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 I,

1. **Christian Pietsch**, a citizen of **Germany**, having a mailing address of 5775 Morehouse Drive, San Diego, CA 92121; and a resident of **Nuernberg, BY, Germany**;
2. **Christian Sgraja**, a citizen of **Germany**, having a mailing address of 5775 Morehouse Drive, San Diego, CA 92121; and a resident of **Neu-Ulm, BY, Germany**;
3. **Christoph A Joetten**, a citizen of **Germany**, having a mailing address of 5775 Morehouse Drive, San Diego, CA 92121; and a resident of **Wadern, SL, Germany**;
4. **Nikolai K. Leung**, a citizen of **Philippines**, having a mailing address of 5775 Morehouse Drive, San Diego, CA 92121; and a resident of **Takoma Park, MD**;
5. **Marc W Werner**, a citizen of **Germany**, having a mailing address of 5775 Morehouse Drive, San Diego, CA 92121; and a resident of **Nuernberg, BY, Germany**; and
6. **Wolfgang Granzow**, a citizen of **Germany**, having a mailing address of 5775 Morehouse Drive, San Diego, CA 92121; and a resident of **Heroldsberg, BY, Germany**;

## ASSIGNMENT

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 METHOD FOR SUPPORTING HIGHER-LAYER PROTOCOL MESSAGING IN AN IN-BAND MODEM** by me devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on \_\_\_\_\_, and assigned Serial No. \_\_\_\_\_, (and I 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 Provisional Application Numbers 61/187,393, filed June 16, 2009; 61/325,732, filed April 19, 2010; and 61/327,004, filed April 22, 2010**, 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 I have full right to do so, and agree that I 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 **Nuernberg, BY, Germany** this 2 day of June, 2010.

  
\_\_\_\_\_  
**Christian Pietsch**

**ASSIGNMENT**

Done at Neu-Ulm, BY, Germany this 2 day of June, 2010.

  
\_\_\_\_\_  
**Christian Sgraja**

Done at Wadern, SL, Germany this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
**Christoph A Joetten**

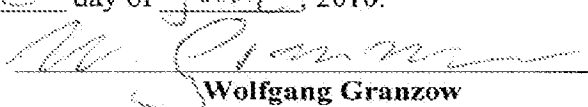
Done at Takoma Park, MD this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
**Nikolai K. Leung**

Done at Nuernberg, BY, Germany this 2 day of June, 2010.

  
\_\_\_\_\_  
**Marc W Werner**

Done at Heroldsberg, BY, Germany this 2 day of June, 2010.

  
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Done at **Nuernberg, BY, Germany** this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

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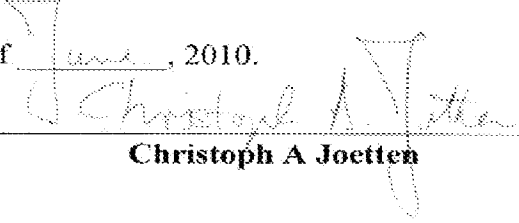
**Christian Pietsch**

## ASSIGNMENT

Done at **Neu-Ulm, BY, Germany** this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
**Christian Sgraja**

Done at **Wadern, SL, Germany** this 1<sup>st</sup> day of June, 2010.

  
\_\_\_\_\_  
**Christoph A Joetten**

Done at **Takoma Park, MD** this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
**Nikolai K. Leung**

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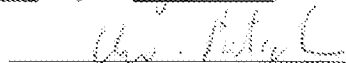
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**Christian Pietsch**

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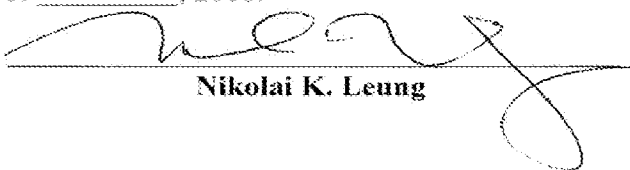
Done at **Neu-Ulm, BY, Germany** this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

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**Christian Sgraja**

Done at **Wadern, SL, Germany** this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
**Christoph A Joetten**

Done at **Takoma Park, MD** this 2nd day of June, 2010.

  
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**Nikolai K. Leung**

Done at **Nuernberg, BY, Germany** this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

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