

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>Durk L. van Veen</td><td>04/14/2010</td></tr><tr><td>Murali R. Chari</td><td>04/26/2010</td></tr><tr><td>Thomas Sun</td><td>04/24/2010</td></tr></tbody></table>		Name	Execution Date	Durk L. van Veen	04/14/2010	Murali R. Chari	04/26/2010	Thomas Sun	04/24/2010		
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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>12756917</td></tr></tbody></table>		Property Type	Number	Application Number:	12756917						
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Application Number:	12756917										
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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Address Line 4: SAN DIEGO, CALIFORNIA 92121											
ATTORNEY DOCKET NUMBER:	091917										
NAME OF SUBMITTER:	Roxanne P. Ippolito										
Total Attachments: 6 source=Assignment#page1.tif source=Assignment#page2.tif											

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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. **Durk L. van Veen**, a citizen of Netherlands, having a mailing address of 5775 Morehouse Drive, San Diego, California 92121, USA; and a resident of Santee, California,

2. **Murali R. Chari**, a citizen of United States of America, having a mailing address of 5775 Morehouse Drive, San Diego, California 92121, USA; and a resident of San Diego, California,

3. **Thomas Sun**, a citizen of United States of America, having a mailing address of 5775 Morehouse Drive, San Diego, California 92121, USA; and a resident of San Diego, California,

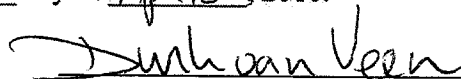
have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto QUALCOMM Incorporated, a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, its successors, legal representatives, or assigns, the entire right, title and interest in and to a certain invention relating to **APPARATUS AND METHODS FOR INTERLEAVING IN A FORWARD LINK ONLY SYSTEM** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **April 8, 2010**, and assigned Serial No. **12/756,917**, including, without limitation, all provisional patent applications, including Provisional Application Number **61/168,596**, filed on **April 11, 2009**, and all original and reissue patents granted thereof (in the United States and any foreign country), and all divisionals, continuations and continuations-in-

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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 14TH day of April, 2010.



Durk L. van Veen

Done at San Diego, California this _____ day of _____, 2010.

Murali R. Chari

Done at San Diego, California this _____ day of _____, 2010.

Thomas Sun

ASSIGNMENT

TO WHOM IT MAY CONCERN:

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1. **Durk L. van Veen**, a citizen of Netherlands, having a mailing address of 5775 Morehouse Drive, San Diego, California 92121, USA; and a resident of Santee, California,

2. **Murali R. Chari**, a citizen of United States of America, having a mailing address of 5775 Morehouse Drive, San Diego, California 92121, USA; and a resident of San Diego, California,

3. **Thomas Sun**, a citizen of United States of America, having a mailing address of 5775 Morehouse Drive, San Diego, California 92121, USA; 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 **APPARATUS AND METHODS FOR INTERLEAVING IN A FORWARD LINK ONLY SYSTEM** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on April 8, 2010, and assigned Serial No. 12/756,917, including, without limitation, all provisional patent applications, including Provisional Application Number 61/168,596, filed on April 11, 2009, and all original and reissue patents granted thereof (in the United States and any foreign country), and all divisionals, continuations and continuations-in-

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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 _____ day of _____, 2010.

Durk L. van Veen

Done at San Diego, California this 26th day of April, 2010.



Murali R. Chari

Done at San Diego, California this _____ day of _____, 2010.

Thomas Sun

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. **Durk L. van Veen**, a citizen of Netherlands, having a mailing address of 5775 Morehouse Drive, San Diego, California 92121, USA; and a resident of Santee, California,
2. **Murali R. Chari**, a citizen of United States of America, having a mailing address of 5775 Morehouse Drive, San Diego, California 92121, USA; and a resident of San Diego, California,
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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 ____ day of ____, 2010.

Durk L. van Veen

Done at San Diego, California this ____ day of ____, 2010.

Murali R. Chari

Done at San Diego, California this 24 day of April, 2010.



Thomas Sun