

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Simone Merlin</td> <td>01/31/2009</td> </tr> <tr> <td>Hemanth Sampath</td> <td>01/29/2009</td> </tr> <tr> <td>Sameer Vermani</td> <td>01/29/2009</td> </tr> <tr> <td>Richard van Nee</td> <td>02/26/2009</td> </tr> </tbody> </table>		Name	Execution Date	Simone Merlin	01/31/2009	Hemanth Sampath	01/29/2009	Sameer Vermani	01/29/2009	Richard van Nee	02/26/2009
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Simone Merlin	01/31/2009										
Hemanth Sampath	01/29/2009										
Sameer Vermani	01/29/2009										
Richard van Nee	02/26/2009										
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>12401506</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12401506						
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Application Number:	12401506										
CORRESPONDENCE DATA											
Fax Number:	(858)658-2502										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	8586582389										
Email:	US-Docketing@Qualcomm.com										
Correspondent Name:	QUALCOMM Incorporated										
Address Line 1:	5775 Morehouse Drive										
Address Line 4:	San Diego, CALIFORNIA 92121-1714										
ATTORNEY DOCKET NUMBER:	082283										
NAME OF SUBMITTER:	Judy Bridgwater										
<p>Total Attachments: 8 source=Assignment#page1.tif</p>											

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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. **Simone Merlin**, a citizen of Italy, having a place of residence at Via G. Mazzini 5/a, Solesino, Padova 35047, IT;
2. **Hemanth Sampath**, a citizen of India, having a place of residence at 3745 Carmel View Road, #6, San Diego, CA 92130, US;
3. **Sameer Vermani**, a citizen of India, having a place of residence at 3425 Lebon Drive, Apt. 811, San Diego, CA 92122, US; and
4. **Richard van Nee**, a citizen of The Netherlands, having a place of residence at Mauritslaan 57, De Meern 3454XR, NL,

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 **PRECODING TECHNIQUE FOR MULTIUSER MIMO BASED ON EIGENMODE SELECTION AND MMSE** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on March 10, 2009, assigned Application Number 12/421,506 (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, 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

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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 SOLESIPO, ITALY, this 31 day of JANUARY, 2009.

Simone Merlin

Simone Merlin

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

Hemanth Sampath

Hemanth Sampath

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

Sameer Vermani

Sameer Vermani

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

Richard van Nee

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Done at _____, this ____ day of _____, 2009.

Simone Merlin

Done at San Diego, California this 29 day of January, 2009.



Hemanth Sampath

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

Sameer Vermani

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

Richard van Nee

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

Simone Merlin

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

Hemanth Sampath

Done at San Diego, California this 29th day of January, 2009.



Sameer Vermani

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

Richard van Nee

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

Simone Merlin

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


Hemanth Sampath

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

Sameer Vermani

Done at ~~San Diego, California~~ this 26 day of February, 2009.

*Breukelen,
The Netherlands*



Richard van Nee