

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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 style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Raghu Sankuratri</td> <td>08/05/2009</td> </tr> <tr> <td>Michael Drop</td> <td>08/04/2009</td> </tr> <tr> <td>Jian Mao</td> <td>08/04/2009</td> </tr> </tbody> </table>		Name	Execution Date	Raghu Sankuratri	08/05/2009	Michael Drop	08/04/2009	Jian Mao	08/04/2009				
Name	Execution Date												
Raghu Sankuratri	08/05/2009												
Michael Drop	08/04/2009												
Jian Mao	08/04/2009												
RECEIVING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>QUALCOMM Incorporated</td> </tr> <tr> <td>Street Address:</td> <td>5775 Morehouse Drive</td> </tr> <tr> <td>Internal Address:</td> <td>Patent Department</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>92121-1714</td> </tr> </table>		Name:	QUALCOMM Incorporated	Street Address:	5775 Morehouse Drive	Internal Address:	Patent Department	City:	San Diego	State/Country:	CALIFORNIA	Postal Code:	92121-1714
Name:	QUALCOMM Incorporated												
Street Address:	5775 Morehouse Drive												
Internal Address:	Patent Department												
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 style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12547578</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12547578								
Property Type	Number												
Application Number:	12547578												
CORRESPONDENCE DATA													
<p>Fax Number: (858)658-2502</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 858-658-5787</p> <p>Email: Patent.Docketing.US@qualcomm.com</p> <p>Correspondent Name: QUALCOMM Incorporated</p> <p>Address Line 1: 5775 Morehouse Drive</p> <p>Address Line 2: Patent Department</p> <p>Address Line 4: San Diego, CALIFORNIA 92121-1714</p>													
ATTORNEY DOCKET NUMBER:	080167												
NAME OF SUBMITTER:	Nicholas J. Pauley												

CH \$40.00 12547578

500946119

PATENT
REEL: 023145 FRAME: 0980

Total Attachments: 2

source=080167_ASG_08-26-2009#page1.tif

source=080167_ASG_08-26-2009#page2.tif

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/I,

Raghu Sankuratri, a citizen of India, having a mailing address of 5775 Morehouse Drive, San Diego, CA 92121; and a resident of San Diego, California.

Michael Drop, a citizen of United States, having a mailing address of 5775 Morehouse Drive, San Diego, CA 92121; and a resident of San Diego, California.

Jian Mao, a citizen of China, having a mailing address of 5775 Morehouse Drive, San Diego, CA 92121; 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 **Hybrid Single and Dual-Channel DDR Interface Scheme by Interleaving Address/Control Signals During Dual-Channel Operation** by me devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on August 26, 2009, and assigned Serial No. 12/547,578, (and I hereby authorize and instruct **QUALCOMM Incorporated** to hereafter complete this Assignment by inserting the serial number and date in the space provided above when known), including, without limitation, all provisional patent applications, and all original and reissue

ASSIGNMENT


patents granted thereof, and all divisions, 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 me 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 5th day of August, 2009.


Raghu Sankaratri

Done at San Diego, California this 4 day of AUGUST, 2009.


Michael Drop

Done at San Diego, California this 4 day of August, 2009.


Jian Mao