

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>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Chang Ho Jung</td> <td>03/12/2008</td> </tr> <tr> <td>Nan Chen</td> <td>03/12/2008</td> </tr> <tr> <td>Zhiqin Chen</td> <td>03/12/2008</td> </tr> </tbody> </table>		Name	Execution Date	Chang Ho Jung	03/12/2008	Nan Chen	03/12/2008	Zhiqin Chen	03/12/2008
Name	Execution Date								
Chang Ho Jung	03/12/2008								
Nan Chen	03/12/2008								
Zhiqin Chen	03/12/2008								
RECEIVING PARTY DATA									
Name:	QUALCOMM Incorporated								
Street Address:	5775 Morehouse Drive								
City:	San Diego								
State/Country:	CALIFORNIA								
Postal Code:	92121								
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>12048676</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12048676				
Property Type	Number								
Application Number:	12048676								
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:	nanm@qualcomm.com								
Correspondent Name:	QUALCOMM INCORPORATED								
Address Line 1:	5775 MOREHOUSE DR.								
Address Line 4:	SAN DIEGO, CALIFORNIA 92121								
ATTORNEY DOCKET NUMBER:	080076								
NAME OF SUBMITTER:	John L. Ciccozzi								
Total Attachments: 2 source=080076_ASG_03-14-08#page1.tif source=080076_ASG_03-14-08#page2.tif									

CH \$40.00 12048676

PATENT

ASSIGNMENT

TO WHOM IT MAY CONCERN:

For the sum of One Dollar and other valuable consideration to me in hand paid, receipt of which is hereby acknowledged, be it known that I,

Chang Ho Jung, a citizen of United States, having a place of residence at 12473 Ruelle Alliante, San Diego, CA 92130

Nan Chen, a citizen of United States, having a place of residence at 12240 Summerbreeze Lane, San Diego, CA 92128

Zhiqin Chen, a citizen of United States, having a place of residence at 7265 Arroyo Grande Road, San Diego, CA 92129

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 whole right, title and interest in and to a certain invention relating to:

ADVANCED BIT LINE TRACKING IN HIGH PERFORMANCE MEMORY COMPILERS

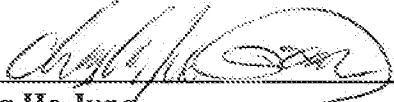
by me devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **March 14, 2008** and assigned Serial No. **12/048,676** (and I hereby authorize and instruct **QUALCOMM Incorporated** to hereafter complete this Assignment by inserting the serial number in the space provided above when known), including, without limitation, all provisional patent applications, and all original and reissue patents granted thereof, and all divisions, and continuations 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.

**ADVANCED BIT LINE TRACKING IN HIGH
PERFORMANCE MEMORY COMPILERS**

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent that may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Executed at San Diego, California this

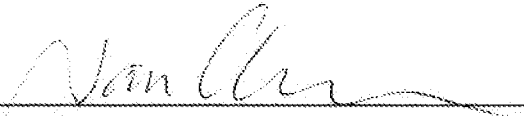
12 day of March, 2008.



Chang Ho Jung

Executed at San Diego, California this


12 day of March, 2008.



Nan Chen

Executed at San Diego, California this

12 day of March, 2008.



Zhiqin Chen