

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>Suresh K. Venkumahanti</td> <td>10/05/2010</td> </tr> <tr> <td>Lucian Codrescu</td> <td>10/08/2010</td> </tr> <tr> <td>Stephen R. Shannon</td> <td>10/05/2010</td> </tr> <tr> <td>Lin Wang</td> <td>10/05/2010</td> </tr> <tr> <td>Phillip M. Jones</td> <td>10/05/2010</td> </tr> <tr> <td>Daisy T. Palal</td> <td>11/02/2010</td> </tr> <tr> <td>Jiajin Tu</td> <td>10/05/2010</td> </tr> </tbody> </table>		Name	Execution Date	Suresh K. Venkumahanti	10/05/2010	Lucian Codrescu	10/08/2010	Stephen R. Shannon	10/05/2010	Lin Wang	10/05/2010	Phillip M. Jones	10/05/2010	Daisy T. Palal	11/02/2010	Jiajin Tu	10/05/2010
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<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				
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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>12941105</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12941105												
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Application Number:	12941105																
CORRESPONDENCE DATA																	
Fax Number:	(858)658-2502																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
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Email:	Patent.Docketing.US@qualcomm.com																
Correspondent Name:	QUALCOMM Incorporated																
Address Line 1:	5775 Morehouse Drive																
Address Line 2:	Patent Department																
Address Line 4:	San Diego, CALIFORNIA 92121-1714																

CH \$40.00 12941105

ATTORNEY DOCKET NUMBER:	101054
NAME OF SUBMITTER:	Peter M. Kamarchik
Total Attachments: 5 source=101054_REC_11-08-10#page1.tif source=101054_REC_11-08-10#page2.tif source=101054_REC_11-08-10#page3.tif source=101054_REC_11-08-10#page4.tif source=101054_REC_11-08-10#page5.tif	

ASSIGNMENT

Bimodal Branch Predictor Encoded in a Branch Instruction

6. Daisy T. Palal, a citizen of the United States, having a place of residence at

7. Jiajin Tu, a citizen of China, having a place of mailing address of 5775 Morehouse Drive, San Diego, CA 92121; and a resident of Austin, TX

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 **Bimodal**

Branch Predictor Encoded in a Branch Instruction by me devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on November 8, 2010, and assigned Serial No. 12/941,105,

(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, **OR** and all original and reissue 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

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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,

1. Suresh K. Venkumahanti, a citizen of India having a mailing address of 5775 Morehouse Drive, San Diego, CA 92121; and a resident of Austin, TX
2. Lucian Codrescu, a citizen of the United States, having a place of mailing address of 5775 Morehouse Drive, San Diego, CA 92121; and a resident of Austin, TX
3. Stephen R. Shannon, a citizen of the United States, having a place of mailing address of 5775 Morehouse Drive, San Diego, CA 92121; and a resident of Austin, TX
4. Lin Wang, a citizen of China, having a place of mailing address of 5775 Morehouse Drive, San Diego, CA 92121; and a resident of Austin, TX
5. Phillip M. Jones, a citizen of the United States, having a place of mailing address of 5775 Morehouse Drive, San Diego, CA 92121; and a resident of Austin, TX


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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.

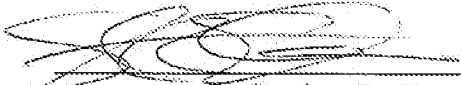
Done at Austin, Texas this 05 day of October, 2010.


Suresh K. Venkumahanti


Done at Austin, Texas this 8 day of October, 2010.


Lucian Codrescu

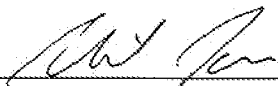
Done at Austin, Texas this 5 day of October, 2010.


Stephen R. Shannon

Done at Austin, Texas this 5 day of Oct., 2010.


Lin Wang

Done at Austin, Texas this 5 day of Oct., 2010.

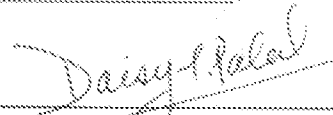

Phillip M. Jones

ASSIGNMENT

Bimodal Branch Predictor Encoded in a Branch Instruction

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 Austin, Texas this 2nd day of November, 2010.



Daisy T. Palal

Done at Austin, Texas this _____ day of _____, 2010.

Jiajin Tu

ASSIGNMENT

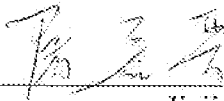
Bimodal Branch Predictor Encoded in a Branch Instruction

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 Austin, Texas this _____ day of _____, 2010.

Daisy T. Palal

Done at Austin, Texas this 5 day of Oct., 2010.



Jiajin Tu