

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<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>An-Swol Clement Hu</td> <td>04/09/2009</td> </tr> <tr> <td>Jittra Jootar</td> <td>04/23/2009</td> </tr> <tr> <td>Parvathanathan Subrahmanya</td> <td>04/09/2009</td> </tr> </tbody> </table>		Name	Execution Date	An-Swol Clement Hu	04/09/2009	Jittra Jootar	04/23/2009	Parvathanathan Subrahmanya	04/09/2009		
Name	Execution Date										
An-Swol Clement Hu	04/09/2009										
Jittra Jootar	04/23/2009										
Parvathanathan Subrahmanya	04/09/2009										
<b>RECEIVING PARTY DATA</b>											
<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>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
Name:	QUALCOMM Incorporated										
Street Address:	5775 Morehouse Drive										
City:	San Diego										
State/Country:	CALIFORNIA										
Postal Code:	92121										
<b>PROPERTY NUMBERS Total: 1</b>											
<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>12404203</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12404203						
Property Type	Number										
Application Number:	12404203										
<b>CORRESPONDENCE DATA</b>											
<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: 858-845-4265</p> <p>Email: nanm@qualcomm.com</p> <p>Correspondent Name: QUALCOMM INCORPORATED</p> <p>Address Line 1: 5775 MOREHOUSE DR.</p> <p>Address Line 4: SAN DIEGO, CALIFORNIA 92121</p>											
ATTORNEY DOCKET NUMBER:	081999										
NAME OF SUBMITTER:	Darren M. Simon										
<p>Total Attachments: 4</p> <p>source=081999_2009_05_20_ASSN#page1.tif</p> <p>source=081999_2009_05_20_ASSN#page2.tif</p>											

CH \$40.00 12404203

**500865414**

**PATENT**  
**REEL: 022713 FRAME: 0988**

source=081999\_2009\_05\_20\_ASSN#page3.tif

source=081999\_2009\_05\_20\_ASSN#page4.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,

1. An-Swol Clement Hu, a citizen of the United States of America, having a place of residence at 1612 Clee Street, Belmont, CA 94002;
2. Jittra Jootar, a citizen of the United States of America, having a place of residence at 10853 Rose Avenue, #59, Los Angeles, CA 90034; and
3. Parvathanathan Subrahmanya, a citizen of the United States of America, having a place of residence at 1665 New Brunswick Avenue, Sunnyvale, CA 94087;

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 **Method and Apparatus for Improved Cell Acquisition With Reduced Frequency Error Impact** by me devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on 03/13/2009, and assigned Serial No. 12/404,203, 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

## ASSIGNMENT

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.

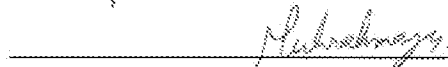
Done at Belmont, California this 9<sup>th</sup> day of April, 2009.

  
An-Swol Clement Hu

Done at Los Angeles, California this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

\_\_\_\_\_  
Jittra Jootar

Done at Sunnyvale, California this 9<sup>th</sup> day of April, 2009.

  
Parvathanathan Subrahmanya

## 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. An-Swol Clement Hu, a citizen of the United States of America, having a place of residence at 1612 Clee Street, Belmont, CA 94002;
2. Jitira Jootar, a citizen of the United States of America, having a place of residence at 10853 Rose Avenue, #59, Los Angeles, CA 90034; and
3. Parvathanathan Subrahmanya, a citizen of the United States of America, having a place of residence at 1665 New Brunswick Avenue, Sunnyvale, CA 94087;

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 **Method and Apparatus for Improved Cell Acquisition With Reduced Frequency Error Impact** by me devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on 03/13/2009, and assigned Serial No. 12/404,203, 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

## ASSIGNMENT

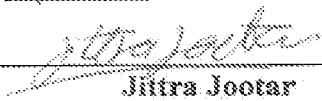
generally do everything possible to aid said corporation, its successors, assigns and nominees, to obtain and enforce proper patent protection for said invention in all countries.

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 Belmont, California this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

\_\_\_\_\_  
An-Swol Clement Hu

Done at Los Angeles, California this 23 day of April, 2009.

  
\_\_\_\_\_  
Jitra Jootar

Done at Sunnyvale, California this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

\_\_\_\_\_  
Parvathanathan Subrahmanya