

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Ayman Fawzy Naguib</td><td>03/25/2008</td></tr><tr><td>Tingfang Ji</td><td>03/25/2008</td></tr></tbody></table>	Name	Execution Date	Ayman Fawzy Naguib	03/25/2008	Tingfang Ji	03/25/2008					
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Ayman Fawzy Naguib	03/25/2008										
Tingfang Ji	03/25/2008										
RECEIVING PARTY DATA											
<table border="1"><tr><td>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>92121-1714</td></tr></table>	Name:	QUALCOMM Incorporated	Street Address:	5775 Morehouse Drive	City:	San Diego	State/Country:	CALIFORNIA	Postal Code:	92121-1714	
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PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12043796</td></tr></tbody></table>	Property Type	Number	Application Number:	12043796							
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Application Number:	12043796										
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:	071142										
NAME OF SUBMITTER:	Judy Bridgwater										
Total Attachments: 4 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif											

CH \$40.00 12043796

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PATENT  
REEL: 020758 FRAME: 0249



## 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,

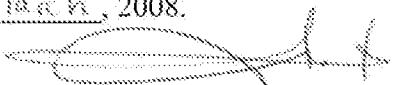
1. **Ayman Fawzy Naguib**, a citizen of the United States, having a place of residence at 991 Cranberry Drive, Cupertino, California 95014; and
2. **Tingfang Ji**, a citizen of China P.R., having a place of residence at 15876 Windrose Way, San Diego, California 92127,

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 **SIGNALING TRANSMISSION AND RECEPTION IN WIRELESS COMMUNICATION SYSTEMS** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **March 6, 2008**, and assigned Serial No. **12/043,796**, including, without limitation, all provisional patent applications, including Provisional Patent Application No. 60/894,379, filed March 12, 2007, 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 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.

## ASSIGNMENT

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.

*Superfina*  
Done at San Diego, California this 25 day of March, 2008.

  
\_\_\_\_\_  
Ayman Fawzy Naguib

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Tingfang Ji

## 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. **Ayman Fawzy Naguib**, a citizen of the United States, having a place of residence at 991 Cranberry Drive, Cupertino, California 95014; and
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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 \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Ayman Fawzy Naguib

Done at San Diego, California this 24 day of March, 2008.

\_\_\_\_\_  
Tingfang Ji