

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Xiaoyun Jiang</td><td>08/11/2006</td></tr><tr><td>Chinchuan Andrew Chiu</td><td>08/11/2006</td></tr><tr><td>Shuxue Quan</td><td>08/11/2006</td></tr></tbody></table>	Name	Execution Date	Xiaoyun Jiang	08/11/2006	Chinchuan Andrew Chiu	08/11/2006	Shuxue Quan	08/11/2006	
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Xiaoyun Jiang	08/11/2006								
Chinchuan Andrew Chiu	08/11/2006								
Shuxue Quan	08/11/2006								
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"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11436470</td></tr></tbody></table>	Property Type	Number	Application Number:	11436470					
Property Type	Number								
Application Number:	11436470								
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 8355									
Email: tloomis@qualcomm.com									
Correspondent Name: Timothy F. Loomis									
Address Line 1: 5775 Morehouse Drive									
Address Line 4: SAN DIEGO, CALIFORNIA 92121									
ATTORNEY DOCKET NUMBER:	051278								
NAME OF SUBMITTER:	Timothy F. Loomis								
Total Attachments: 2 source=051278_assign#page1.tif source=051278_assign#page2.tif									

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PATENT

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REEL: 018886 FRAME: 0934

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. **Xiaoyun Jiang**, a citizen of China P.R., having a place of residence at 11321 East San Raphael Driveway, San Diego, Ca 92130;
2. **Chinchuan Andrew Chiu**, a citizen of the United States, having a place of residence at 10885 Autillo Way, San Diego, Ca 92127; and
3. **Shuxue Quan**, a citizen China P.R., having a place of residence at 11321 E San Raphael Drwy., San Diego, Ca 92130;

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 a **LINE OR TEXT-BASED IMAGE PROCESSING TOOLS** by me co-devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **May 17, 2006**, and assigned U.S. Serial Number **11/436,470**, 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

ASSIGNMENT

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.

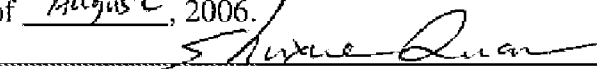
Done at San Diego, California this 11th day of August, 2006.


Xiaoyun Jiang

Done at San Diego, California this 11th day of August, 2006.


Chinchuan Andrew Chiu

Done at San Diego, California this 11th day of August, 2006.


Shuxue Quan