

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>Farrokh Abrishamkar</td><td>06/29/2009</td></tr><tr><td>Wenjun Li</td><td>06/25/2009</td></tr><tr><td>Yingqun Yu</td><td>06/25/2009</td></tr><tr><td>Prashant Udupa Sripathi</td><td>07/23/2009</td></tr></tbody></table>		Name	Execution Date	Farrokh Abrishamkar	06/29/2009	Wenjun Li	06/25/2009	Yingqun Yu	06/25/2009	Prashant Udupa Sripathi	07/23/2009
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Prashant Udupa Sripathi	07/23/2009										
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</td></tr></table>		Name:	QUALCOMM Incorporated	Street Address:	5775 Morehouse Drive	City:	San Diego	State/Country:	CALIFORNIA	Postal Code:	92121
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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>12435120</td></tr></tbody></table>		Property Type	Number	Application Number:	12435120						
Property Type	Number										
Application Number:	12435120										
CORRESPONDENCE DATA											
Fax Number: (858)658-2502 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 858-845-2505											
Email: us-docketing@qualcomm.com											
Correspondent Name: QUALCOMM INCORPORATED											
Address Line 1: 5775 MOREHOUSE DR.											
Address Line 4: SAN DIEGO, CALIFORNIA 92121											
ATTORNEY DOCKET NUMBER:	080840										
NAME OF SUBMITTER:	Christine Molla										
Total Attachments: 4 source=080840 Assignment-7-23-09#page1.tif											

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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. Farrokh Abrishamkar, a citizen of the United States, having a mailing address of 5775 Morehouse Drive, San Diego, CA, 92121-1714, US; and a resident of San Diego, CA; and

2. Wenjun Li, a citizen of China, having a mailing address of 5775 Morehouse Drive, San Diego, CA, 92121-1714, US; and a resident of San Diego, CA; and

3. Yingqun Yu, a citizen of China, having a mailing address of 5775 Morehouse Drive, San Diego, CA, 92121-1714, US; and a resident of San Diego, CA; and

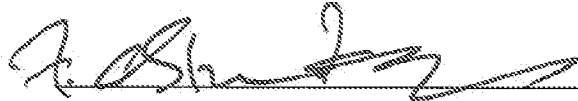
4. Prashant Udupa Sripathi, a citizen of India, having a mailing address of 5775 Morehouse Drive, San Diego, CA, 92121-1714, US; and a resident of San Diego, CA,

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 SYSTEM FOR SYMBOL DETECTION USING SUB-CONSTELLATIONS** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on May 4, 2009, and assigned Serial Number 12/435,120, including, without limitation, all provisional patent applications, and all original and reissue patents granted thereof (in the United States and any foreign county), and all divisionals, 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 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

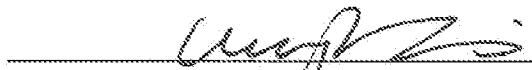
The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at San Diego, California this 27 day of June, 2009.



FARROKH ABRISHAMKAR

Done at San Diego, California this 25 day of June, 2009.



WENJUN LI

Done at San Diego, California this 25 day of June, 2009.



YINGQUN YU

Done at San Diego, California this _____ day of _____, 2009.



PRASHANT UDUPA SRIPATHI

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. Farrokh Abrishamkar, a citizen of the United States, having a mailing address of 5775 Morehouse Drive, San Diego, CA, 92121-1714, US; and a resident of San Diego, CA; and
2. Wenjun Li, a citizen of China, having a mailing address of 5775 Morehouse Drive, San Diego, CA, 92121-1714, US; and a resident of San Diego, CA; and
3. Yingqun Yu, a citizen of China, having a mailing address of 5775 Morehouse Drive, San Diego, CA, 92121-1714, US; and a resident of San Diego, CA; and
4. Prashant Udapa Sripathi, a citizen of India, having a mailing address of 3165 Kifer Road, San Jose, CA, 95051-0804, US; and a resident of San Jose, CA,

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 SYSTEM FOR SYMBOL DETECTION USING SUB-CONSTELLATIONS** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on May 4, 2009, and assigned Serial Number 12/435,120, including, without limitation, all provisional patent applications, and all original and reissue patents granted thereof (in the United States and any foreign county), and all divisionals, 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 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.

Done at San Diego, California this _____ day of _____, 2009.

FARROKH ABRISHAMKAR

Done at San Diego, California this _____ day of _____, 2009.

WENJUN LI

Done at San Diego, California this _____ day of _____, 2009.

YINGQUN YU

Done at San Jose, California this 23 day of JULY, 2009.



PRASHANT UDUPA SRIPATHI