

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>Binita Gupta</td><td>10/02/2008</td></tr><tr><td>Krishna Kiran Mukkavilli</td><td>09/23/2008</td></tr><tr><td>Ashok Mantravadi</td><td>10/06/2008</td></tr><tr><td>Raghuraman Krishnamoorthi</td><td>10/14/2008</td></tr></tbody></table>	Name	Execution Date	Binita Gupta	10/02/2008	Krishna Kiran Mukkavilli	09/23/2008	Ashok Mantravadi	10/06/2008	Raghuraman Krishnamoorthi	10/14/2008	
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Binita Gupta	10/02/2008										
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Ashok Mantravadi	10/06/2008										
Raghuraman Krishnamoorthi	10/14/2008										
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>12176376</td></tr></tbody></table>	Property Type	Number	Application Number:	12176376							
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Application Number:	12176376										
CORRESPONDENCE DATA											
Fax Number:	(858)658-2502										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	858-845-4265										
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Correspondent Name:	QUALCOMM INCORPORATED										
Address Line 1:	5775 MOREHOUSE DR.										
Address Line 4:	SAN DIEGO, CALIFORNIA 92121										
ATTORNEY DOCKET NUMBER:	071980										
NAME OF SUBMITTER:	Gerald P. Joyce, III										
Total Attachments: 4 source=Assignment#page1.tif											

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PATENT

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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. Binita GUPTA, a citizen of India, having a place of residence at 17161 Alva Road, Unit 2038, San Diego, California, 92127;
2. Krishna Kiran MUKKAVILLI, a citizen of India, having a place of residence at 11836 Cypress Canyon Road, #2, San Diego, California, 92131;
3. Ashok MANTRAVADI, a citizen of India, having a place of residence at 10695 Wexford Street, Unit 6, San Diego, California, 92131; and
4. Raghuraman KRISHNAMOORTHY, a citizen of India, having a place of residence at 14521 N. Church Square, San Diego, California, 92128;

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 "**METHODS AND APPARATUS FOR SIGNALING PARAMETER DISTRIBUTION FOR NEIGHBORING RADIO FREQUENCIES**" by me devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **July 20, 2008**, and assigned Serial No. **12/176,376**, including Provisional Application No. 60/951,056, filed on July 20, 2007, and all original and reissue patents granted thereof (in the United States and any foreign county), and all divisions, and continuations thereof, including the subject matter of any

ASSIGNMENT

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 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 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 2 day of October, 2008.



Binita GUPTA

Done at San Diego, California this _____ day of _____, 2008.

Krishna Kiran MUKKAVILLI

Done at San Diego, California this _____ day of _____, 2008.

Ashok MANTRAVADI

Done at San Diego, California this _____ day of _____, 2008.

Raghuraman KRISHNAMOORTHY

ASSIGNMENT

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 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 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 _____ day of _____, 2008.

Binita GUPTA

Done at San Diego, California this 23 day of September, 2008.

M. Krishna Kiran

Krishna Kiran MUKKAVILLI

Done at San Diego, California this _____ day of _____, 2008.

Ashok MANTRAVADI

Done at San Diego, California this 14 day of Oct, 2008.

Raguraman

Raguraman KRISHNAMOORTHY

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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 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 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 _____ day of _____, 2008.

Binita GUPTA

Done at San Diego, California this _____ day of _____, 2008.

Krishna Kiran MUKKAVILLI

Done at San Diego, California this 6 day of October, 2008.



Ashok MANTRAVADI

Done at San Diego, California this _____ day of _____, 2008.

Raghuraman KRISHNAMOORTHY