

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT												
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Alaa Muqattash</td> <td>08/15/2007</td> </tr> <tr> <td>Arjunan Rajeswaran</td> <td>10/12/2007</td> </tr> <tr> <td>Dinesh Dharmaraju</td> <td>10/17/2007</td> </tr> <tr> <td>Saishankar Nandagopalan</td> <td>11/29/2007</td> </tr> <tr> <td>Ranganathan Krishnan</td> <td>10/25/2007</td> </tr> </tbody> </table>		Name	Execution Date	Alaa Muqattash	08/15/2007	Arjunan Rajeswaran	10/12/2007	Dinesh Dharmaraju	10/17/2007	Saishankar Nandagopalan	11/29/2007	Ranganathan Krishnan	10/25/2007
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Saishankar Nandagopalan	11/29/2007												
Ranganathan Krishnan	10/25/2007												
<b>RECEIVING PARTY DATA</b>													
<b>Name:</b>	QUALCOMM Incorporated												
<b>Street Address:</b>	5775 Morehouse Drive												
<b>City:</b>	San Diego												
<b>State/Country:</b>	CALIFORNIA												
<b>Postal Code:</b>	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>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11685687</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11685687								
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Application Number:	11685687												
<b>CORRESPONDENCE DATA</b>													
<b>Fax Number:</b>	(858)658-2502												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
<b>Phone:</b>	858-845-4265												
<b>Email:</b>	nanm@qualcomm.com												
<b>Correspondent Name:</b>	QUALCOMM INCORPORATED												
<b>Address Line 1:</b>	5775 MOREHOUSE DR.												
<b>Address Line 4:</b>	SAN DIEGO, CALIFORNIA 92121												
<b>ATTORNEY DOCKET NUMBER:</b>	060220												
<b>NAME OF SUBMITTER:</b>	Donald C. Kordich												

CH \$40.00 11685687

**Total Attachments: 6**

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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 **Alaa Muqattash**, whose citizenship is Jordanian, having a residence at 4829 Bella Pacific Row, Unit 216, San Diego, California 92109; **Arjunan Rajeswaran**, whose citizenship is India, having a residence at 2663 California Street, #7, San Francisco, California 94115; **Dinesh Dharmaraju**, whose citizenship is India, having a residence at 8212 Regents Road, #202, San Diego, California 92122; **Saishankar Nandagopalan**, whose citizenship is India, having a residence at 12105 Darkwood Road 12105, San Diego, California 92129; and **Ranganathan Krishnan**, whose citizenship is India, having a residence at 10311 Azuaga Street, San Diego, California 92129, have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto **QUALCOMM Incorporated** Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, its successors, legal representatives, or assigns, the whole right, title and interest in and to a certain invention relating to:

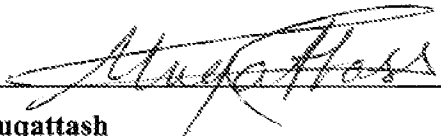
**A RESERVATION BASED MAC PROTOCOL**

by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on March 13, 2007 assigned Serial No. 11/685,687, including, without limitation, all provisional patent applications, including Serial No. 60/817,775, filed June 30, 2006, 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.

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.

Signed at San Diego, California, this 15 day of 8, 2007

  
\_\_\_\_\_  
**Alaa Muqattash**

Signed at \_\_\_\_\_, \_\_\_\_\_, this \_\_\_\_ day of \_\_\_\_\_, 2007

\_\_\_\_\_  
**Arjunan Rajeswaran**

Signed at San Diego, California this \_\_\_\_ day of \_\_\_\_\_, 2007

\_\_\_\_\_  
**Dinesh Dharmaraju**

Signed at \_\_\_\_\_, \_\_\_\_\_, this \_\_\_\_ day of \_\_\_\_\_, 2007

\_\_\_\_\_  
**Saishankar Nandagopalan**

Signed at San Diego, California, this \_\_\_\_ day of \_\_\_\_\_, 2007

\_\_\_\_\_  
**Ranganathan Krishnan**

ATTORNEY DOCKET NO. 060220

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Signed at San Diego, California, this \_\_\_\_\_ day of \_\_\_\_\_, 2007

\_\_\_\_\_  
**Alaa Muqattash**

Signed at \_\_\_\_\_, \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_, 2007

  
\_\_\_\_\_  
**Arjunan Rajeswaran**

Signed at San Diego, California this 12<sup>th</sup> day of OCTOBER, 2007

\_\_\_\_\_  
**Dinesh Dharmaraju**

Signed at \_\_\_\_\_, \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_, 2007

\_\_\_\_\_  
**Saishankar Nandagopalan**

Signed at San Diego, California, this \_\_\_\_\_ day of \_\_\_\_\_, 2007

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\_\_\_\_\_  
**Alaa Muqattash**

Signed at \_\_\_\_\_, \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_, 2007

\_\_\_\_\_  
**Arjunan Rajeswaran**

Signed at San Diego, California this 17<sup>th</sup> day of Oct, 2007

D. Dinesh  
\_\_\_\_\_  
**Dinesh Dharmaraju**

Signed at \_\_\_\_\_, \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_, 2007

\_\_\_\_\_  
**Saishankar Nandagopalan**

Signed at San Diego, California, this \_\_\_\_\_ day of \_\_\_\_\_, 2007

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\_\_\_\_\_  
**Alaa Muqattash**

Signed at \_\_\_\_\_, \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_, 2007

\_\_\_\_\_  
**Arjunan Rajeswaran**

Signed at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2007

\_\_\_\_\_  
**Dinesh Dharmaraju**

Signed at San Diego, CA, this 29 day of November, 2007

*Saishankar Nandagopalan*  
\_\_\_\_\_  
**Saishankar Nandagopalan**

Signed at San Diego, California, this \_\_\_\_\_ day of \_\_\_\_\_, 2007

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Alaa Muqattash

Signed at \_\_\_\_\_, \_\_\_\_\_, this \_\_\_\_ day of \_\_\_\_\_, 2007

\_\_\_\_\_  
Arjunan Rajeswaran

Signed at San Diego, California this \_\_\_\_ day of \_\_\_\_\_, 2007

\_\_\_\_\_  
Dinesh Dharmaraju

Signed at \_\_\_\_\_, \_\_\_\_\_, this \_\_\_\_ day of \_\_\_\_\_, 2007

\_\_\_\_\_  
Saishankar Nandagopalan

Signed at San Diego, California, this 25 day of October, 2007

*Ranganathan Krishnan*  
Ranganathan Krishnan