

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>Rajat Prakash</td><td>11/06/2007</td></tr><tr><td>Fatih Ulupinar</td><td>11/08/2007</td></tr><tr><td>Gavin Bernard Horn</td><td>11/06/2007</td></tr><tr><td>Paul E. Bender</td><td>11/12/2007</td></tr></tbody></table>	Name	Execution Date	Rajat Prakash	11/06/2007	Fatih Ulupinar	11/08/2007	Gavin Bernard Horn	11/06/2007	Paul E. Bender	11/12/2007	
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Rajat Prakash	11/06/2007										
Fatih Ulupinar	11/08/2007										
Gavin Bernard Horn	11/06/2007										
Paul E. Bender	11/12/2007										
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>11781935</td></tr></tbody></table>	Property Type	Number	Application Number:	11781935							
Property Type	Number										
Application Number:	11781935										
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										
Email:	nanm@qualcomm.com										
Correspondent Name:	QUALCOMM INCORPORATED										
Address Line 1:	5775 MOREHOUSE DR.										
Address Line 4:	SAN DIEGO, CALIFORNIA 92121										
ATTORNEY DOCKET NUMBER:	061331B2										
NAME OF SUBMITTER:	Francois Pelaez										
Total Attachments: 5 source=061331B2_ASSIGNMENT_12-07-07#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. **Rajat Prakash**, a citizen of India, having a place of residence at **8730 Costa Verde Blvd., Apt. 2439, San Diego, CA 92122;**
2. **Fatih Ulupinar**, a citizen of the United States of America, having a place of residence at **17387 Grandee Place, San Diego, CA 92128;**
3. **Gavin Bernard Horn**, a citizen of Canada, having a place of residence at **8952 Caminito Fresco, La Jolla, CA 92037;** and
4. **Paul E. Bender**, a citizen of United States of America, having a place of residence at **2879 Angell Avenue, San Diego CA 92122;**

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 SUPPORTING TUNNELING RELATED TO WIRELESS UPLINK SIGNALING FLOWS** by me devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office **on 7/23/2007** , and assigned **Serial No. 11/781,935** including Provisional Application Number 60/812,053, filed on 6/7/2006, and all original and reissue patents granted thereof, and all divisions, and continuations

ASSIGNMENT

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 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 6th day of Nov, 2007.



Rajat Prakash

Done at San Diego, California this _____ day of _____, 2007.

Fatih Ulupinar

Done at San Diego, California this _____ day of _____, 2007.

Gavin Bernard Horn

Done at San Diego, California this _____ day of _____, 2007.

Paul E. Bender

ASSIGNMENT

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 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 _____, 2007.

Rajat Prakash

Done at San Diego, California this 8th day of Nov., 2007.

Fatih Ulupinar
Fatih Ulupinar

Done at San Diego, California this _____ day of _____, 2007.

Gavin Bernard Horn

Done at San Diego, California this _____ day of _____, 2007.

Paul E. Bender

ASSIGNMENT

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 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 _____, 2007.

Rajat Prakash

Done at San Diego, California this _____ day of _____, 2007.

Fatih Ulupinar

Done at San Diego, California this 1st day of Nov, 2007.



Gavin Bernard Horn

Done at San Diego, California this _____ day of _____, 2007.

Paul E. Bender

ASSIGNMENT

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 invention in all countries.

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Done at San Diego, California this _____ day of _____, 2007.

Rajat Prakash

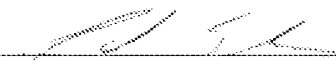
Done at San Diego, California this _____ day of _____, 2007.

Fatih Ulupinar

Done at San Diego, California this _____ day of _____, 2007.

Gavin Bernard Horn

Done at San Diego, California this 12 day of Nov, 2007.



Paul E. Bender