

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>Anand Rajurkar</td> <td>05/21/2012</td> </tr> <tr> <td>Bhaskara V. Batchu</td> <td>05/21/2012</td> </tr> <tr> <td>Aditya Bohra</td> <td>05/21/2012</td> </tr> <tr> <td>Nitin Sachdeva</td> <td>05/22/2012</td> </tr> <tr> <td>Neha Goel</td> <td>06/08/2012</td> </tr> </tbody> </table>	Name	Execution Date	Anand Rajurkar	05/21/2012	Bhaskara V. Batchu	05/21/2012	Aditya Bohra	05/21/2012	Nitin Sachdeva	05/22/2012	Neha Goel	06/08/2012	
Name	Execution Date												
Anand Rajurkar	05/21/2012												
Bhaskara V. Batchu	05/21/2012												
Aditya Bohra	05/21/2012												
Nitin Sachdeva	05/22/2012												
Neha Goel	06/08/2012												
RECEIVING PARTY DATA													
Name:	QUALCOMM Incorporated												
Street Address:	5775 Morehouse Drive												
City:	San Diego												
State/Country:	CALIFORNIA												
Postal Code:	92121-1714												
PROPERTY NUMBERS Total: 1													
Property Type	Number												
Application Number:	13469421												
CORRESPONDENCE DATA													
Fax Number:	(858)658-2502												
Phone:	(858) 651-5205												
Email:	usdocketing@qualcomm.com												
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
Correspondent Name:	QUALCOMM Incorporated												
Address Line 1:	5775 Morehouse Drive												
Address Line 4:	San Diego, CALIFORNIA 92121-1714												
ATTORNEY DOCKET NUMBER:	121505												
NAME OF SUBMITTER:	Julianna Hofmann												
Total Attachments: 3 source=121505_ASST#page1.tif source=121505_ASST#page2.tif source=121505_ASST#page3.tif													

CH \$40.00 13469421

## ASSIGNMENT

WHEREAS, WE,

1. **Anand Rajurkar**, a citizen of India, having a mailing address located at Bldg 8, 3th, 4<sup>th</sup> & 5th floors Mindspace HiTec City Rd, Hyderabad, Andhra Pradesh 500081 and a resident of Hyderabad, Andhra Pradesh, India,
2. **Bhaskara V. Batchu**, a citizen of India, having a mailing address located at Bldg 8, 3th, 4<sup>th</sup> & 5th floors Mindspace HiTec City Rd, Hyderabad, Andhra Pradesh 500081 and a resident of Hyderabad, Andhra Pradesh, India,
3. **Aditya Bohra**, a citizen of India, having a mailing address located at Bldg 8, 3th, 4<sup>th</sup> & 5th floors Mindspace HiTec City Rd, Hyderabad, Andhra Pradesh 500081 and a resident of Hyderabad, Andhra Pradesh, India,
4. **Nitin Sachdeva**, a citizen of India, having a mailing address located at Bldg 8, 3th, 4<sup>th</sup> & 5th floors Mindspace HiTec City Rd, Hyderabad, Andhra Pradesh 500081 and a resident of Hyderabad, Andhra Pradesh, India,
5. **Neha Goel**, a citizen of India, having a mailing address located at Bldg 8, 3th, 4<sup>th</sup> & 5th floors Mindspace HiTec City Rd, Hyderabad, Andhra Pradesh 500081 and a resident of Hyderabad, Andhra Pradesh, India,

have conceived of one or more processes, methods, machines, articles of manufacture, designs, compositions of matter, inventions, discoveries or new or useful improvements relating to **METHODS AND APPARATUSES FOR DATA THROUGHPUT OPTIMIZATION IN DSDS SCENARIOS** (collectively the "INVENTIONS") for which WE have executed and/or may execute one or more patent applications therefor; and

WHEREAS, QUALCOMM Incorporated (hereinafter "ASSIGNEE"), a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, U.S.A., desires to acquire or otherwise obtain the entire right, title, and interest in and to said INVENTIONS, including all inventions related thereto or thereof, all patent applications therefor, and all patents that have granted or may be granted hereafter thereon, including but not limited to those identified below.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, WE do hereby acknowledge that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, the entire right, title, and interest throughout the world in and to said INVENTIONS, including all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in the United States, including but not limited to U.S. Application No(s). 13/469,421 filed May 11, 2012, Qualcomm

Reference No. 121505, and all provisional applications relating thereto (and do hereby authorize ASSIGNEE and its representative to hereafter add herein such application number(s) and/or filing date(s) when known), and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, and design applications thereof, and all issued patents of the United States which may have granted or may be granted hereafter thereon and all reissues, renewals, reexaminations, and extensions to any of the foregoing and all patents issuing thereon in the United States;

AND WE further do acknowledge and agree that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, all rights of priority under International Conventions, Treaties, or Agreements, and the entire right, title, and interest throughout the world in said INVENTIONS, including all inventions related thereto or thereof, and all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in any foreign country, countries, or treaty/union organizations, and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, patent of addition applications, confirmation applications, validation applications, utility model applications, and design applications thereof, and all issued patents which may have granted or may be granted hereafter for said INVENTIONS in any country or countries foreign to the United States, and all reissues, renewals, reexaminations, and extensions thereof;

AND WE DO HEREBY authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications or registrations, to issue all patents for said INVENTIONS to said ASSIGNEE, its successors, its legal representatives and its assigns, in accordance with the terms of this instrument;

AND WE DO HEREBY sell, assign, transfer, and convey to said ASSIGNEE, its successors, its legal representatives, and its assigns all claims for damages and all remedies arising out of or relating to any violation(s) of any of the rights assigned hereby that have or may have accrued prior to the date of assignment to said ASSIGNEE, or may accrue hereafter, including, but not limited to the right to sue for, seek, obtain, collect, recover, and retain damages and any ongoing or prospective royalties to which WE may be entitled, or that WE may collect for any infringement or from any settlement or agreement related to any of said patents before or after issuance;

AND WE HEREBY covenant and agree that WE will communicate promptly to said ASSIGNEE, its successors, its legal representatives, and its assigns, any facts known to us respecting said INVENTIONS, and will testify in any legal proceeding, sign all lawful papers, execute all applications and certificates, make all rightful declarations and/or oaths, and provide all lawful assistance to said ASSIGNEE, its successors, its legal representatives and its assigns, to obtain and enforce patent protection for said INVENTIONS in all countries;

**PATENT**

QUALCOMM Ref. No. 121505

Page 3 of 3

AND WE HEREBY represent that WE have full and exclusive, unencumbered right to sell, assign, convey and transfer all subject matter herein, and hereby covenant that WE have not and will not execute any writing or do any act whatsoever conflicting with these presents.

Done at Hyderabad, on 21/05/2012  
LOCATION DATE

Anand  
Anand Rajurkar

Done at Hyderabad, on 21/05/2012  
LOCATION DATE

B. B. V. Batchu  
Bhaskara V. Batchu

Done at Hyderabad, on 21/05/2012  
LOCATION DATE

Aditya  
Aditya Bohra

Done at Hyderabad, on 22/05/2012  
LOCATION DATE

Nitin Sachdeva  
Nitin Sachdeva

Done at Hyderabad, on 8/6/2012  
LOCATION DATE

Neha Goel  
Neha Goel