

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2707208

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>KISHORE YALAMANCHILI</td> <td>01/15/2014</td> </tr> <tr> <td>YOGESHWAR NARAYANAN NAGARAJ</td> <td>01/16/2014</td> </tr> <tr> <td>RASHMI KESHAVA IYENGAR</td> <td>01/20/2014</td> </tr> <tr> <td>DILIP KRISHNASWAMY</td> <td>01/23/2014</td> </tr> <tr> <td>RODOLFO GIACOMO BERAHA</td> <td>01/20/2014</td> </tr> </tbody> </table>		Name	Execution Date	KISHORE YALAMANCHILI	01/15/2014	YOGESHWAR NARAYANAN NAGARAJ	01/16/2014	RASHMI KESHAVA IYENGAR	01/20/2014	DILIP KRISHNASWAMY	01/23/2014	RODOLFO GIACOMO BERAHA	01/20/2014
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DILIP KRISHNASWAMY	01/23/2014												
RODOLFO GIACOMO BERAHA	01/20/2014												
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>14143263</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14143263								
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Application Number:	14143263												
CORRESPONDENCE DATA													
Fax Number:													
Phone:	919-238-2300												
Email:	patents@wt-ip.com												
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>													
Correspondent Name:	W&T/QUALCOMM												
Address Line 1:	100 REGENCY FOREST DRIVE												
Address Line 2:	SUITE 160												
Address Line 4:	CARY, NORTH CAROLINA 27518												
ATTORNEY DOCKET NUMBER:	132928/1173-108												
NAME OF SUBMITTER:	STEVEN N. TERRANOVA												

PATENT

Signature:	/Steven N. Terranova/
Date:	01/31/2014
Total Attachments: 7 source=132928_Assignment_01-31-14_AsRecorded#page1.tif source=132928_Assignment_01-31-14_AsRecorded#page2.tif source=132928_Assignment_01-31-14_AsRecorded#page3.tif source=132928_Assignment_01-31-14_AsRecorded#page4.tif source=132928_Assignment_01-31-14_AsRecorded#page5.tif source=132928_Assignment_01-31-14_AsRecorded#page6.tif source=132928_Assignment_01-31-14_AsRecorded#page7.tif	

ASSIGNMENT

WHEREAS, WE,

1. **Kishore Yalamanchili**, a citizen of India, having a mailing address located at 5775 Morehouse Drive, San Diego, California, 92121 and a resident of San Diego, California,
2. **Yogeshwar Narayanan Nagaraj**, a citizen of India, having a mailing address located at 5775 Morehouse Drive, San Diego, California, 92121 and a resident of San Diego, California,
3. **Rashmi Keshava Iyengar**, a citizen of India, having a mailing address located at 5775 Morehouse Drive, San Diego, California, 92121 and a resident of San Diego, California,
4. **Dilip Krishnaswamy**, a citizen of the United States, having a mailing address located at 111/49 3rd Cross, 3rd Block, Jayanagar, Bangalore 560011, India and a resident of Bangalore, India,
5. **Rodolfo Giacomo Beraha**, a citizen of the United States, having a mailing address located at 5775 Morehouse Drive, San Diego, California, 92121 and a resident of San Diego, California,

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 ADAPTIVE HARDWARE RECONFIGURATION OF CONFIGURABLE CO-PROCESSOR CORES FOR HARDWARE OPTIMIZATION OF FUNCTIONALITY BLOCKS BASED ON USE CASE PREDICTION, AND RELATED METHODS, CIRCUITS, AND COMPUTER-READABLE MEDIA (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). 14/143,263 filed December 30, 2013, Qualcomm Reference No. 132928, 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;

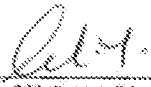
AND WE DO HEREBY authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications or registrations, to issue all patents for said INVENTIONS to said ASSIGNEE, its successors,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

AND WE HEREBY covenant that WE will not execute any writing or do any act whatsoever conflicting with these presents.

Done at SAN DIEGO, on 01/15/2014
LOCATION DATE


Kishore Yalamanchili

Done at _____, on _____
LOCATION DATE

Yogeshwar Narayanan Nagaraj

Done at _____, on _____
LOCATION DATE

Rashmi Keshava Iyengar

Done at _____, on _____
LOCATION DATE

Dilip Krishnaswamy

Done at _____, on _____
LOCATION DATE

Rodolfo Giacomo Beraha

Done at SPRINGFIELD, on 01/15/2017
LOCATION DATE

Kishore Yalamanchilli

Done at SAN DIEGO, on 01/16/2014
LOCATION DATE

Yogeshwar Narayana Nagaraaj

Done at _____, on _____
LOCATION DATE

Rashmi Keshava Iyengar

Done at _____, on _____
LOCATION DATE

Deep Krishnaswamy

Done at _____, on _____
LOCATION DATE

Rodolfo Giacomo Berba

Done at _____, on _____
LOCATION DATE

Kishore Yalamanchili

Done at _____, on _____
LOCATION DATE

Yogeshwar Narayanan Nagaraj

Done at SAN DIEGO, on 01/20/2014
LOCATION DATE



Kashmi Keshava Iyengar

Done at _____, on _____
LOCATION DATE

Dilip Krishnaswamy

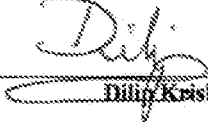
Done at _____, on _____
LOCATION DATE

Rodolfo Giacomo Beraha

Done at _____, on _____
LOCATION DATE Kishore Yalamanchili

Done at _____, on _____
LOCATION DATE Yogeshwar Narayanan Nagaraj

Done at _____, on _____
LOCATION DATE Rashmi Keshava Iyengar

Done at Bangalore, India, on Jan 23, 2014
LOCATION DATE 
Dilip Krishnaswamy

Done at _____, on _____
LOCATION DATE Rodolfo Giacomo Beraha

Done at _____, on _____
LOCATION DATE

Kishore Yalamanchili

Done at _____, on _____
LOCATION DATE

Yogeshwar Narayanan Nagaraj

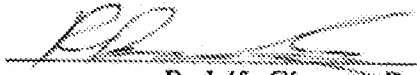
Done at _____, on _____
LOCATION DATE

Rashmi Keshava Iyengar

Done at _____, on _____
LOCATION DATE

Dilip Krishnaswamy

Done at SAN DIEGO, on 1/29/14
LOCATION DATE



Rodolfo Giacomo Beraha