PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------|----------------|
| Wanshi Chen | 06/11/2010 |
| Juan Montojo | 06/11/2010 |

RECEIVING PARTY DATA

| Name: | QUALCOMM Incorporated | |
|-----------------|-----------------------|--|
| Street Address: | 5775 Morehouse Drive | |
| City: | San Diego | |
| State/Country: | CALIFORNIA | |
| Postal Code: | 92121 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12770427 |

CORRESPONDENCE DATA

Fax Number: (858)658-2502

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Email: us-docketing@qualcomm.com
Correspondent Name: QUALCOMM Incorporated
Address Line 1: 5775 Morehouse Drive

Address Line 4: San Diego, CALIFORNIA 92121

ATTORNEY DOCKET NUMBER: 092109

NAME OF SUBMITTER: Gayle Gestick

Total Attachments: 2

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PATENT REEL: 024742 FRAME: 0892 CT \$40,000

501243768

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. Wanshi Chen, a citizen of China, having a mailing address of 5775 Morehouse Drive,

San Diego, California, USA 92121; and a resident of San Diego, CA,

2. Juan Montojo, a citizen of the United States of America, having a mailing address of

5775 Morehouse Drive, San Diego, California, USA 92121; and a resident of San Diego, CA,

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 JOINT LAYER 3 SIGNALLING CODING FOR MULTICARRIER OPERATION by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on 04/29/2010, and assigned Serial No. 12/770,427, including Provisional Application Number 61/174,443, filed on 04/30/2009, and all original and reissue patents granted thereof (in the United States and any foreign country), and all divisionals, continuations and continuations-in-part 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

PATENT REEL: 024742 FRAME: 0893

ASSIGNMENT

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 June, 2010. |
|--|--------------------------|
| _ | |
| · | Wanshi Chen |
| Done at San Diego, California this 🕌 day | v of <u>June</u> , 2010, |
| | - / Mantale |
| - | Juan Montojo |

RECORDED: 07/26/2010

PATENT REEL: 024742 FRAME: 0894