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	10/01/2010
Juan Montojo	10/01/2010

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:	12901432

CORRESPONDENCE DATA

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Address Line 4: SAN DIEGO, CALIFORNIA 92121

ATTORNEY DOCKET NUMBER: 100258

NAME OF SUBMITTER: Shae Penturf

Total Attachments: 2

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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,

- Wanshi Chen, a citizen of China, having a mailing address of 5775 Morehouse Drive, San Diego, California, 92121, United States of America; and a resident of San Diego, California, United States of America,
- Juan Montojo, a citizen of the United States of America, having a mailing address of 5775 Morehouse Drive, San Diego, California, 92121, United States of America; and a resident of San Diego, California, United States of America,

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 SUBFRAME DEPENDENT TRANSMISSION MODE IN LTE-ADVANCED by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on _______, and assigned Serial No. _______, (and we hereby authorize and instruct QUALCOMM Incorporated to herafter complete this Assignment by inserting the filing date and serial number in the space provided when known), including Provisional Application Number 61/262,089, filed on November 17, 2009, and Provisional Application Number 61/262,873, filed on November 19, 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

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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.

Done at San Diego, California this 19th day of et., 2010.

Juan Montojo

PATENT REEL: 025116 FRAME: 0819

RECORDED: 10/08/2010