PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	
CONVEYING PARTY DATA			
Name Execution Date			
Hanfang Pan			1/05/2009
Yongbin Wei			1/05/2009
RECEIVING PARTY DATA			
Name:	QUALCOMM Incorporated		
Street Address:	5775 Morehouse Drive		
City:	San Diego		
State/Country:	CALIFORNIA	CALIFORNIA	
Postal Code:	92121		
PROPERTY NUMBER	RS Total: 1		
Property Type			
Property Ty	/ре	Number	
Property Ty Application Number:		Number 608919	
	120		
Application Number:	DATA (858)658-29 be sent via US Ma us-docketin QUALCOM 5775 Morel	508919 502 <i>il when the fax attempt is unsuccessful.</i> g@qualcomm.com M Incorporated	
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will E</i> Email: Correspondent Name: Address Line 1:	DATA (858)658-29 be sent via US Ma us-docketin QUALCOM 5775 Moreh San Diego,	508919 502 <i>il when the fax attempt is unsuccessful.</i> g@qualcomm.com M Incorporated iouse Drive	
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will L</i> Email: Correspondent Name: Address Line 1: Address Line 4:	DATA (858)658-24 be sent via US Ma us-docketin QUALCOM 5775 Moreh San Diego, NUMBER:	508919 502 <i>il when the fax attempt is unsuccessful.</i> g@qualcomm.com M Incorporated house Drive CALIFORNIA 92121	

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,

 Hanfang Pan, 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,

2. Yongbin Wei, 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,

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 **APP (A PRIORI PROBABILITY) STORAGE DESIGN FOR LTE TURBO DECODER WITH QUADRATIC PERMUTATION POLYNOMIAL INTERLEAVER** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **October 29, 2009**, and assigned Serial No. **12/608,919**, including, without limitation, all provisional patent applications, and all original and reissue patents granted thereof (in the United States and any foreign country), and all divisionals, continuations and continuations-inpart 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

> PATENT REEL: 023803 FRAME: 0778

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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 5th day of National 2009.

Hanfang Pan

Done at San Diego, California this the day of Molender, 2009.

Yongbin Wei