PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	
CONVEYING PARTY DATA			
N		Name	Execution Date
Ismail Lakkis			07/09/2009
RECEIVING PARTY DATA			
Name:	QUALCOMM Incorporated		
Street Address:	5775 Morehouse Drive		
Internal Address:	Patent Department/Central Administration		
City:	San Diego		
State/Country:	CALIFORNIA		
Postal Code: 92121			
PROPERTY NUMBERS Total: 1			
Property Type		Number	
Application Number: 12501		01018	
CORRESPONDENCE	DATA		
CORRESPONDENCE	DATA (858)658-250)2	
Fax Number:	(858)658-250)2 when the fax attempt is unsuccessful.	00 00 00 00 00 00 00 00 00 00 00 00 00
Fax Number: <i>Correspondence will I</i> Phone:	(858)658-250 be sent via US Mail 858-845-426	<i>when the fax attempt is unsuccessful.</i> 5	00 075
Fax Number: <i>Correspondence will I</i> Phone: Email:	(858)658-250 be sent via US Mail 858-845-426 patent.docke	<i>when the fax attempt is unsuccessful.</i> 5 ting.us@qualcomm.com	
Fax Number: <i>Correspondence will I</i> Phone: Email: Correspondent Name	(858)658-250 <i>be sent via US Mail</i> 858-845-426 patent.docke : QUALCOMM	<i>when the fax attempt is unsuccessful.</i> 5 ting.us@qualcomm.com I INCORPORATED	00 075
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Fax Number: <i>Correspondence will I</i> Phone: Email: Correspondent Name Address Line 1:	(858)658-250 be sent via US Mail 858-845-426 patent.docke : QUALCOMM 5775 MOREI SAN DIEGO	<i>when the fax attempt is unsuccessful.</i> 5 ting.us@qualcomm.com I INCORPORATED HOUSE DR.	00 075
Fax Number: <i>Correspondence will I</i> Phone: Email: Correspondent Name Address Line 1: Address Line 4:	(858)658-250 be sent via US Mail 858-845-426 patent.docke : QUALCOMM 5775 MOREI SAN DIEGO	<i>when the fax attempt is unsuccessful.</i> 5 ting.us@qualcomm.com I INCORPORATED HOUSE DR. , CALIFORNIA 92121	00 075

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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 I,

1. Ismail Lakkis, a citizen of the United States of America, having a mailing address of 10131 Prairie Springs Road, San Diego, California, 92127, 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 TURBO LDPC DECODING by me devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on July 10, 2009, and assigned Serial No. 12/501,018, (and I 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 Patent Application Numbers 12/131,928, filed on June 3, 2008 and 11/462,241, filed on August 3, 2006, and Provisional Application Number 60/705,277, filed on August 3, 2005, 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 I have full right to do so, and agree that I 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,

J.L

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ASSIGNMENT

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 _9th day of _July_

Ismail Lakkis

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PATENT REEL: 022941 FRAME: 0653

RECORDED: 07/10/2009