

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Peter Gaal	06/25/2009
Joseph P. Odenwalder	06/26/2009
Stein A. Lundby	07/22/2009
David Puig Osés	07/24/2009
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:	12489139
CORRESPONDENCE DATA	
Fax Number:	(858)658-2502
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	858-845-4265
Email:	patent.docketing.us@qualcomm.com
Correspondent Name:	QUALCOMM INCORPORATED
Address Line 1:	5775 MOREHOUSE DR.
Address Line 4:	SAN DIEGO, CALIFORNIA 92121
ATTORNEY DOCKET NUMBER:	020248C1C1
NAME OF SUBMITTER:	Margaret Freda

CH \$40.00 12489139

Total Attachments: 12

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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,

1. Peter Gaal, 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. Joseph P. Odenwalder, a citizen of the United States of America, having a mailing address of 18176 Lago Vista, P.O. Box 8981, Rancho Santa Fe, California, 92067-8981, United States of America; and a resident of Rancho Santa Fe, California, United States of America,
3. Stein A. Lundby, a citizen of Switzerland having a mailing address of 5775 Morehouse Drive, San Diego, California, 92121, United States of America; and a resident of Solana Beach, California, United States of America,
4. David Puig Oses, a citizen of Spain, having a mailing address of Magnolia, 20 , 08140 - Caldes de Montbui, Barcelone, Spain; and a resident of Caldes de Montbui, Spain,

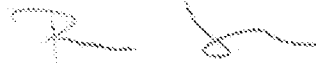
have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto QUALCOMM Incorporated, a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, its successors, legal representatives, or

ASSIGNMENT

assigns, the entire right, title and interest in and to a certain invention relating to **CHANNEL QUALITY FEEDBACK MECHANISM AND METHOD** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on June 22, 2009, and assigned Serial No. 12/489,139, including, without limitation, all provisional patent applications, and Application Number 11/438,241, filed on May 19, 2006, and Application Number 10/079,778, filed on February 19, 2002, 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 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 25th day of June, 2009.



Peter Gaal

Done at Rancho Santa Fe, California this _____ day of _____, 2009.

Joseph P. Odenwalder

ASSIGNMENT

Done at San Diego, California this _____ day of _____, 2009.

Stein A. Lundby

Done at Caldes de Montbui, Spain this _____ day of _____, 2009.

David Puig Oses

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Done at San Diego, California this _____ day of _____, 2009.

Peter Gaal

Done at Rancho Santa Fe, California this 26 day of June, 2009.

Joseph P. Odenwalder
Joseph P. Odenwalder

ASSIGNMENT

Done at San Diego, California this _____ day of _____, 2009.

Stein A. Lundby

Done at Caldes de Montbui, Spain this _____ day of _____, 2009.

David Puig Oses

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Done at San Diego, California this _____ day of _____, 2009.

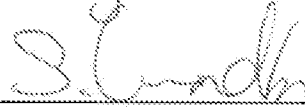
Peter Gaal

Done at Rancho Santa Fe, California this _____ day of _____, 2009.

Joseph P. Odenwalder

ASSIGNMENT

Done at San Diego, California this 22 day of July, 2009.



Stein A. Lundby

Done at Caldes de Montbui, Spain this _____ day of _____, 2009.

David Puig Oses

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Done at San Diego, California this _____ day of _____, 2009.

.....
Peter Gaal

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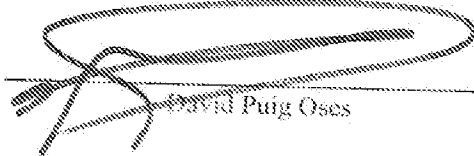
.....
Joseph P. Odenwalder

ASSIGNMENT

Done at San Diego, California this _____ day of _____, 2009.

Stem A. Landby

Done at Caldes de Montbui, Spain this 24th day of JULY, 2009.



David Puig Oses