

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Joseph P. Odenwalder</td><td>01/03/2002</td></tr><tr><td>Edward G. Tiedemann Jr.</td><td>01/03/2002</td></tr><tr><td>Tao Chen</td><td>01/03/2002</td></tr><tr><td>Stein A. Lundby</td><td>01/03/2002</td></tr><tr><td>Yongbin Wei</td><td>01/03/2002</td></tr><tr><td>David Puig Oses</td><td>01/03/2002</td></tr></tbody></table>		Name	Execution Date	Joseph P. Odenwalder	01/03/2002	Edward G. Tiedemann Jr.	01/03/2002	Tao Chen	01/03/2002	Stein A. Lundby	01/03/2002	Yongbin Wei	01/03/2002	David Puig Oses	01/03/2002
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RECEIVING PARTY DATA															
Name:	QUALCOMM Incorporated														
Street Address:	5775 Morehouse Drive														
City:	San Diego														
State/Country:	CALIFORNIA														
Postal Code:	92121-1714														
PROPERTY NUMBERS Total: 1															
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>09981027</td></tr></tbody></table>		Property Type	Number	Application Number:	09981027										
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Application Number:	09981027														
CORRESPONDENCE DATA															
Fax Number: (858)658-2502 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone: (858) 651-5205															
Email: usdocketing@qualcomm.com															
Correspondent Name: QUALCOMM Incorporated															
Address Line 1: 5775 Morehouse Drive															
Address Line 4: San Diego, CALIFORNIA 92121-1714															
ATTORNEY DOCKET NUMBER:	020032C1														
NAME OF SUBMITTER:	Carolyn Mascitelli														

CH \$40.00 09981027

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PATENT
REEL: 023204 FRAME: 0989

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 **JOSEPH P. ODENWALDER**, a citizen of the United States of America having a place of residence at **18176 Lago Vista, Rancho Santa Fe, California 92067**, **EDWARD G. TIEDEMANN, JR.**, a citizen of the United States of America having a place of residence at **656 Barretts Mill Road, Concord, Massachusetts 01742**, **TAO CHEN**, a citizen of the United States of America having a place of residence at **5415 Harvest Run Drive, San Diego, California 92130**, **STEIN A. LUNDBY**, a citizen of Switzerland having a place of residence at **716 North Granados Avenue, Solana Beach, California 92075**, **YONGBIN WEI**, a citizen of China having a place of residence at **9920 Kika Court #2027, San Diego, California 92129**, and **DAVID PUIG OSES**, a citizen of Spain having a place of residence at **4435 Everts Street, San Diego, California 92109** 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 whole right, title and interest in and to a certain invention relating to a **Method and Apparatus for Processing Shared Subpackets in a Communication System** by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **10/15/01**, and assigned Serial No. **09/981,027**, and all original and reissue patents granted thereof, and all divisions, and continuations 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,

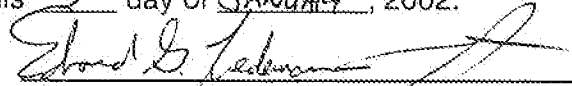
whenever requested, and testify in any legal proceedings, sign all lawful papers, make all rightful oaths and generally do everything possible to aid said corporation, its successors, assigns and nominees, to obtain and enforce proper patent protection for said invention in all countries.

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.

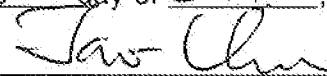
Done at San Diego, California this 3 day of JAN, 2002.


Joseph P. Odenwalder

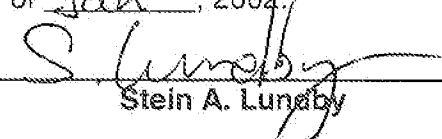
Done at San Diego, California this 3 day of JANUARY, 2002.


Edward G. Tiedemann, Jr.

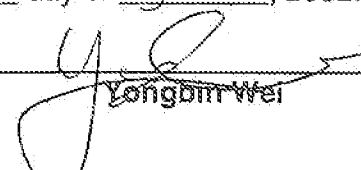
Done at San Diego, California this 3rd day of Jan, 2002.


Tao Chen

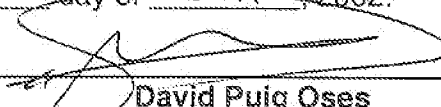
Done at San Diego, California this 3 day of Jan, 2002.


Stein A. Lundby

Done at San Diego, California this 3 day of Jan, 2002.


Yongbin Wei

Done at San Diego, California this 3 day of Jan, 2002.


David Puig Osés