

Form PTO-1595 (Rev. 06/04)
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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s): Durga Prasad Malladi Serge D. Willenegger Execution Date(s) <u>02/10/2005; 02/22/2005</u> Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u>QUALCOMM, Incorporated</u> Internal Address: <u>A Delaware Corporation</u> Street Address: <u>5775 Morehouse Drive</u> City: <u>San Diego</u> State: <u>CA</u> Country: <u>USA</u> Zip: <u>92121-1714</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <u>10/952,266</u> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Name and address to whom correspondence concerning document should be mailed: Name: <u>QUALCOMM, Incorporated</u> Internal Address: <u>Attn: Patent Department</u> Street Address: <u>5775 Morehouse Drive</u> City: <u>San Diego</u> State: <u>CA</u> Zip: <u>92121-1714</u> Phone Number: <u>(858) 658-5787</u> Fax Number: <u>(858) 658-2502</u> Email Address: _____	6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>17-0026</u> Authorized User Name <u>Roberta A. Young</u>
9. Signature: <u>Roberta A. Young</u> April 6, 2005 <div style="display: flex; justify-content: space-between;"> Signature Date </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> Roberta A. Young, Registration No. 53,818 Total number of pages including cover sheet, attachments, and documents: 4 </div> <div style="text-align: center; margin-top: 5px;"> Name of Person Signing </div>	

Documents to be recorded (including cover sheet) should be faxed to (703) 305-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

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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 **Durga Prasad Malladi**, a citizen of India having a place of residence at 11983 Briarleaf Way, San Diego, Ca 92128, and **Serge D. Willenegger**, a citizen of Switzerland having a place of residence at Vignes-Dessous, 1425 Onnens, Switzerland; 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:

**SYSTEMS AND METHODS FOR MULTIPLEXING CONTROL INFORMATION
ONTO A PHYSICAL DATA CHANNEL**

by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **September 27, 2004**, and assigned Serial No. **10/952,266**, including, without limitation, all provisional patent applications, Serial Number **60/508,536**, filed on **October 2, 2003**, 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.

ATTORNEY DOCKET NO. 030610

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 22 day of Feb, 2005.



Durga Prasad Mallad

Done at San Diego, California this ____ day of _____, 2005.

Serge D. Willenegger

ATTORNEY DOCKET NO. 030610

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 ____ day of ____, 2005.

Durga Prasad Mallad

Done at San Diego, California this 18th day of February, 2005.



Serge D. Willenegger