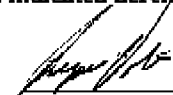


FORM PTO-1619A/B		U.S. Department of Commerce Patent and Trademark Office PATENT	
RECORDATION FORM COVER SHEET PATENTS ONLY			
Attorney Docket No.: 050418			
TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).			
Submission Type <input checked="" type="checkbox"/> New <input type="checkbox"/> Resubmission (Non-Recordation) Document ID No. <input type="checkbox"/> Correction of PTO Error Reel No. Frame No. <input type="checkbox"/> Corrective Document Reel No. Frame No.		Conveyance Type <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> License <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other: _____	
Conveying Party(ies) NAME 1. Lorenzo Casaccia 2. 3. 4.		<input type="checkbox"/> Mark if additional names are attached EXECUTION DATE Month, Day, Year (MMDDYYYY) 09122006	
Receiving Party Name: QUALCOMM Incorporated A Delaware Corporation Address (Street number and name): 5775 Morehouse Drive Address (City, State, Zip Code): San Diego, California, 92121-1714		<input type="checkbox"/> Mark if additional names are attached	
Correspondent Name and Address Name: QUALCOMM Incorporated Attn: Patent Department Address: 5775 Morehouse Drive Address: San Diego, California 92121-1714		Telephone Number: (858) 658-5787 Facsimile: (858) 658-2502	
Pages (Enter the total number of pages of the attached conveyance document including any attachments) Total number of pages: 1			
Application Number(s) or Patent Number(s)			
If this document is being filed together with a new application, the execution date of the application is: _____			
Patent Application Number(s): 1. 11/372,940 2. 3. 4.		Patent Number(s): 1. 2. 3. 4.	
Patent Cooperation Treaty (PCT) (Enter <u>only</u> if a U.S. Application Number has not been assigned)			
1. PCT/		3. PCT/	
2. PCT/		4. PCT/	
Number of Properties (Enter the total number of properties involved) Total number of properties: 1			
Fee Amount Method of Payment: <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account. A duplicate of this sheet is enclosed for fee processing)		Fee Amount for Properties Listed (37 CFR 3.41): \$40.00 Deposit Account Number: 17-0026 Authorization to charge additional fees: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Statement and Signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.			
Date: September 26, 2006 Name: Rupit Patel, Reg. No. 53,441 (858) 651-7435		Signature: 	
FOR OFFICE USE ONLY			

ATTORNEY DOCKET NO. 050418

ASSIGNMENT

TO WHOM IT MAY CONCERN:

For the sum of One Dollar and other valuable consideration to me in hand paid, receipt of which is hereby acknowledged, be it known that I, **Lorenzo Casaccia**, a citizen of Italy having a place of residence at **Via Bisagno 14, Roma, Italy 00198**; 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:

**METHOD AND APPARATUS FOR MANAGING UPLINK RESOURCE
ALLOCATION IN A COMMUNICATION SYSTEM**

by me devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **March 9, 2006**, and assigned Serial No. **11/372,940**, including, without limitation, all provisional patent applications, **including Serial No. 60/660,608, filed March 10, 2005**, 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 I have full right to do so, and agree that I will communicate to said corporation or its representatives all facts known to me 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 Rome, Italy this 12 day of SEPTEMBER, 2006.



Lorenzo Casaccia

1

[Post-Filed Assignment/Sole Inventor]

**PATENT
REEL: 018311 FRAME: 0155**



5775 Morehouse Drive
San Diego, CA 92121
Fax: (858) 658-2502

Facsimile Transmittal

DATE: September 26, 2006

TO: Assignment Recordation Services

FROM: Rupit Patel, Agent for Assignee
Registration No. 53,441

FAX NUMBER: (571) 273-0140

RE: Recordation of Assignment Document
U.S. Patent Application Serial No.

Number of Pages Sent: 3 (including this transmittal cover sheet)

MESSAGE:

RE: Our Docket No. 050148

Please record the attached Assignment.

Thank you.

Please contact Tram Q. Le at (858) 651-4463 if all pages do not transmit.

Special Instructions: THIS MESSAGE IS INTENDED ONLY FOR THE USE OF THE INDIVIDUAL TO WHOM IT IS ADDRESSED AND CONTAINS INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. If the reader of this message is not the intended recipient, or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately. Thank you!