PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Tamer Kadous	09/15/2003
Anand D. Subramaniam	09/23/2003

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	Property Type Number	
Application Number:	11137982	

CORRESPONDENCE DATA

Fax Number: (858)658-2502

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 858-845-4265

Email: us-docketing@qualcomm.com
Correspondent Name: QUALCOMM INCORPORATED

Address Line 1: 5775 MOREHOUSE DR.

Address Line 4: SAN DIEGO, CALIFORNIA 92121

ATTORNEY DOCKET NUMBER:	020691C1
NAME OF SUBMITTER:	Gina Golia

Total Attachments: 4

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PATENT REEL: 021160 FRAME: 0614

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PATENT REEL: 021160 FRAME: 0615

FORM PTO-1619A/B	U.S. Department of Commerce
Trademark Office	Patent and
PATENT	
BECORDATIONE	ORM COVER SHEET
PATENTS	ONLY Attorney Docket No.:020691
TO: The Commissioner of Patents and Trademarks: Please record the Submission Type	attached original document(s) or copy(ies). Conveyance Type
New 1 y pe	⊠Assignment
Resubmission (Non-Recordation)	Change of Name
Document ID No. 102562967	License Merger
Reel No. Frame No.	Security Agreement
Corrective Document Reel No. Prame No.	Other:
<u> </u>	tional names are attached
NAME	EXECUTION DATE
	Month, Day, Year
Tamer Kadous Anand D. Subramaniam	09/15/2003 09/23/2003
Receiving Party Mark if add	itional names are attached
Name: QUALCOMM Incorporated	
A Delaware Corporation Address (Street number and name): 5775 Morehouse Drive	
Address (City, State, Zip Code): San Diego, California, 92121-	714
Correspondent Name and Address	77. A.
Name: QUALCOMM Incorporated Attn: Deborah Dean, Manager, Intellectual Property Admin	Telephone Number: (858) 658-5787 istration Facsimile: (858) 658-2502
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Address: San Diego, California 92121-1714 Pages (Enter the total number of pages of the attached conveyance do	numer (naluding any attachmanta)
Total number of pages: 1	content incliding any attachments)
	s) or Patent Number(s)
If this document is being filed together with a new application, the Patent Application Number(s):	Patent Number(s):
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Patent Cooperation Treaty (PCT) (Enter only if a U.S. Application Number has not been assigned) 1. PCT/ Number of Properties (Enter the total number of properties involved) Total number of properties: 1 Fee Amount Fee Amount for Properties Listed Method of Payment: Clenclosed Deposit Account (Enter for payment by deposit account or if additional fees can be of for fee processing) Deposit Account Number: 17-00 Authorization to charge addition Statement and Signature To the best of my knowledge and belief, the foregoing informationiginal document. Charges to deposit account are authorized, as	2. PCT/ (37 CFR 3.41): \$40.00 arged to the account. A duplicate of this sheet is enclosed (26) al fees: Yes No on is true and correct and any attached copy is a true copy of the indicated herein. Ignature: Name: Sandip (Micky) S. Minhas Registration No. 44,945 TE USE ONLY I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Mail Stop Assignments, P.O. Box
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Page 1 of 1

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 **Tamer Kadous**, a citizen of the Eygpt having a place of residence at 5385 Toscana Way #316, San Diego, California, 92122, Anand D. Subramaniam, a citizen of the India having a place of residence at 9188 J. Regents Road, La Jolla, California 92037; 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 Successive Interference Cancellation Receiver Processing With Selection Diversity by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on September 23, 2003, and assigned Serial No. (and we hereby authorize and instruct QUALCOMM, Incorporated to hereafter complete this Assignment by inserting the application serial number and filing date of said application in the space provided above when known), original and reissue patents granted 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.

1 020691

REEL: 021160 FRAME: 0617

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 15 day of Sept., 2003.
Done at San Diego, California this day of, 2003.

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, 2003.
	Tamer Kadous
Done at San Diego, California this _2	day of September 12003. Analy D. Subramaniam