

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Eduardo A.S. Esteves		07/18/2000
Rashid A. Attar		07/18/2000
Nagabhushana T. Sindhushayana		07/28/2000
RECEIVING PARTY DATA		
Name:	QUALCOMM Incorporated	
Street Address:	5775 Morehouse Drive	
City:	San Diego	
State/Country:	CALIFORNIA	
Postal Code:	92121	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	11592568	
CORRESPONDENCE DATA		
Fax Number:	(858)658-2502	
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>		
Phone:	858-658-5568	
Email:	us-docketing@qualcomm.com	
Correspondent Name:	QUALCOMM Incorporated	
Address Line 1:	5775 Morehouse Drive	
Address Line 4:	San Diego, CALIFORNIA 92121	
ATTORNEY DOCKET NUMBER:	000242C1	
NAME OF SUBMITTER:	Leeanne Lawlor	
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 **EDUARDO A.S. ESTEVES**, a citizen of the Brazil having a place of residence at 12063 Alta Carmel Court, Unit 161, San Diego, California 92128; **RASHID A. ATTAR**, a citizen of India having a place of residence at 8520 Costa Verde Blvd., #3112, San Diego, California 92122; and **NAGABHUSHANA T. SINDHUSHAYANA**, a citizen of India having a place of residence at 7794 Roan Road, San Diego, California 92129, 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 FAST CLOSED-LOOP RATE ADAPTATION IN A HIGH PACKET DATA TRANSMISSION** by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **May 12, 2000**, and assigned Serial No. **09/570,210**, 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 18 day of July, 2000.

Eduardo Esteves
EDUARDO A.S. ESTEVES

Done at San Diego, California this 18 day of July, 2000.

Rashid A. Attar
RASHID A. ATTAR

Done at San Diego, California this 28TH day of JULY, 2000.

N. S. NagaBhushana
NAGABHUSHANA T. SINDHUSHAYANA