

07-23-1999

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

7-14-99



101098796

Attorney Docket No.: QCPA849  
Page 1 of 1

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

<b>Submission Type</b> <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.	<b>Conveyance Type</b> <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:
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1c530 U.S. PTO  
09/353108  
07/14/99

<b>Conveying Party(ies)</b> NAME 1. NISCHAL ABROL 2. MARCELLO LIOY 3. 4.	<input type="checkbox"/> Mark if additional names are attached  <b>EXECUTION DATE</b> Month, Day, Year (MMDDYYYY) JULY 13, 1999 JULY 13, 1999
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<b>Receiving Party</b> Name: QUALCOMM Incorporated A Delaware Corporation Address (Street number and name): 6455 Lusk Boulevard Address (City, State, Zip Code): San Diego, California, 92121	<input type="checkbox"/> Mark if additional names are attached
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<b>Correspondent Name and Address</b> Name: QUALCOMM Incorporated Attn: Russell B. Miller Address: 6455 Lusk Boulevard Address: San Diego, California 92121	<b>Telephone Number:</b> (619) 658-4833 <b>Facsimile:</b> (619) 658-2502
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**Pages** (Enter the total number of pages of the attached conveyance document including any attachments)  
**Total number of pages:** 4

Application Number(s) or Patent Number(s)	
<b>Patent Application Number(s):</b> 1. 2. 3. 4.	<b>Patent Number(s):</b> 1. 2. 3. 4.

**Patent Cooperation Treaty (PCT)**  
 (Enter only 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**                      **Fee Amount for Properties Listed (37 CFR 3.41): \$40.00**

Method of Payment:  Enclosed     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)

Deposit Account Number: 17-0026 ✓  
 Authorization to charge additional fees:  Yes     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.

Name: Charles D. Brown, Reg. No. 28,285    Signature: Charles D. Brown    Date: JULY 14, 1999

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(TRANSASSIGN.VER1.0)

# 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, **NISCHAL ABROL**, a citizen of India having a place of residence at 7260 Calle Cristobal, #41, San Diego, California 92126, and **MARCELLO LIOY**, a citizen of Canada having a place of residence at 7588 Charmant Drive, #1924, San Diego, California 92122; 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, its successors, legal representatives, or assigns, the whole right, title and interest in and to a certain invention relating to **METHOD AND APPARATUS FOR AVOIDING DATA LOSS DURING A PPP RENEGOTIATION ON A U<sub>M</sub> INTERFACE** by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on even date herewith, 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 13<sup>th</sup> day of July, 1999.

Abrol

**NISCHAL ABROL**

STATE OF CALIFORNIA )  
  ) ss.  
COUNTY OF SAN DIEGO )

On July 13, 1999 before me, the undersigned, a Notary Public in and for said State, personally appeared NISCHAL ABROL personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged that he executed same.

Danielle L. Miller

Notary Public

(seal)



Done at San Diego, California this 13 day of JULY, 1999.

Marcello Lioy  
MARCELLO LIOY

STATE OF CALIFORNIA )  
  ) ss.  
COUNTY OF SAN DIEGO )

On July 13, 1999 before me, the undersigned, a Notary Public in and for said State, personally appeared MARCELLO LIOY personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged that he executed same.

Danielle L. Miller  
Notary Public

(seal)

