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Attorney Docket No.: 030120

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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: _____
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Conveying Party(ies) NAME 1. Marcello Lioy 2. Nischal Abrol 3. 4.	<input type="checkbox"/> Mark if additional names are attached EXECUTION DATE Month, Day, Year (MMDDYYYY) 03/19/04 04/02/04
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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
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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
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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. 10/723,568 2. 3. 4.	Patent Number(s): 1. 2. 3. 4.
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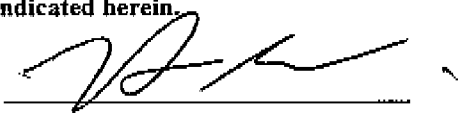
Patent Cooperation Treaty (PCT) (Enter only if a U.S. Application Number has not been assigned) 1. PCT/ 2. PCT/	3. PCT/ 4. PCT/
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Number of Properties (Enter the total number of properties involved)
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Fee 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): \$ Deposit Account Number: 17-0026 Authorization to charge additional fees: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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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: April 7, 2004
 Name: Howard H. Seo, Reg. No. 43,106
 Phone No. 858-845-5235

Signature: 

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ATTORNEY DOCKET NO.030120

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 **Marcello Lioy**, a citizen of Canada having a place of residence at 11929 Miro Circle, San Diego, CA 92131, and **Nischal Abrol**, a citizen of India having a place of residence at 7260 Calle Cristobal, #41, San Diego, CA 92126; 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 EFFICIENTLY USING AIR-LINK RESOURCES
TO MAINTAIN IP CONNECTIVITY FOR INTERMITTENTLY ACTIVE
WIRELESS TERMINALS**

by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **November 25, 2003**, and assigned Serial No. **10/723,568**, including, without limitation, all provisional patent applications, 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 19 day of MARCH, 2004.

Marcello Lioy
Marcello Lioy

Done at San Diego, California this 2nd day of April, 2004.

Nischal Abrol
Nischal Abrol