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Attorney Docket No.: 020059

TO: The Commissioner of Patents and Trademarks, U.S. Department of Commerce, Washington, DC 20540. I enclose the attached original document(s) or copy(ies).

Submission Type

New

Resubmission (Non-Recordation)
Document ID No. _____

Correction of PTO Error
Reel No. _____ Frame No. _____

Corrective Document
Reel No. _____ Frame No. _____

Conveyance Type

Assignment

Change of Name

License

Merger

Security Agreement

Other: _____

Conveying Party(ies) Mark if additional names are attached

NAME	EXECUTION DATE
	Month, Day, Year (MMDDYYYY)
1. ROY FRANKLIN QUICK, Jr.	01/25/2002
2. SAI YIU DUNCAN HO	01/23/2002
3.	
4.	

Receiving Party Mark if additional 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, 92121-1714

Correspondent Name and Address

Name: QUALCOMM Incorporated **Telephone Number:** (858) 651-1179
Attn: Sarah Kirkpatrick, Manager, Intellectual Property Administration **Facsimile:** (858) 658-2502

Address: 5775 Morehouse Drive
Address: San Diego, California 92121-1714

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)
If this document is being filed together with a new application, the execution date of the application is: _____

Patent Application Number(s):

1. 10/011,964 FILED 11/05/2001

2. _____

3.

4.

Patent Number(s):

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.

Date: January 28, 2002
Name: S. Hossain Beladi, Reg. No. 42,311
(858) 651-4470

Signature: *S. Hossain Beladi*

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03/08/2002 RWME1 00000124 170026 10011964

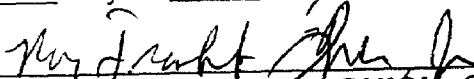
ASSIGNMENT

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 **ROY FRANKLIN QUICK, Jr.**, a citizen of the United States of America having a place of residence at **1150 BARCELONA DRIVE, SAN DIEGO, CALIFORNIA 92107**; and **SAI YIU DUNCAN HO**, a citizen of Canada having a place of residence at **5225 FIORE TERRACE, D117, 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 92121-1714, 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 MESSAGE INTEGRITY IN A CDMA COMMUNICATION SYSTEM** by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **NOVEMBER 05, 2001**, and assigned Application Serial No. **10/011,964**, 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 25 day of January, 2002.



ROY FRANKLIN QUICK, Jr. *RF*

Done at San Diego, California this 23rd day of Jan, 2002.



SAI YIU DUNCAN HO