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Attorney Docket No.: 990228

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

Submission Type

- ☒ New
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Conveyance Type

- ☒ Assignment
☐ Change of Name
☐ License
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☐ Security Agreement
☐ Other:

JUN 22 PM 3:35
CPR/PATENT**Conveying Party(ies)**

NAME

☐ Mark if additional names are attached

1. Anthony Mauro
- 2.
- 3.
- 4.

EXECUTION DATEMonth, Day, Year (MMDDYYYY)
1/20/00**Receiving Party**☐ Mark if additional names are attachedName: 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 AddressName: QUALCOMM Incorporated
Attn: Sarah Kirkpatrick, Senior Patent Administrator

Address: 5775 Morehouse Drive

Address: San Diego, California 92121-1714

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Pages (Enter the total number of pages of the attached conveyance document including any attachments)

Total number of pages: 3

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: January 20, 2000

Patent Application Number(s):

1. 09/489,194
- 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/
2. PCT/

3. 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: 4/25/00
Name: Thomas M. Thibault, Reg. No. 42,181
(858) 651-2356

Signature:

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01 FC-581 40.00 CH

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(TRANSASSIGN VER1.5-1/27/2000)

PATENT**REEL: 010783 FRAME: 0596**

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 I **ANTHONY MAURO**, a citizen of the United States having a place of residence at 12615 Darkwood Rd., 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 ACHIEVING CRYPTOSYNCHRONIZATION IN PACKET DATA COMMUNICATION SYSTEM** by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on January 20, 2000, 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.

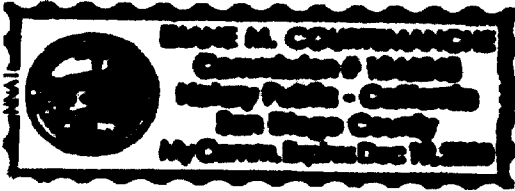
Done at Anaheim, San Diego, California this 20 day of Jan,
2000.



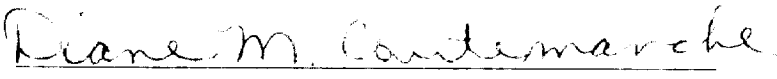
ANTHONY MAURO

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

On January 20, 2000 before me, the undersigned, a Notary Public
in and for said State, personally appeared ANTHONY MAURO, 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.



(seal)



Notary Public