

02-14-2002

FORM PTO-1619A/B

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

101982249

ET

Attorney Docket No.: 010375

TO: The Commissioner of Patents and Trademarks: Please record 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

1. Roland R. Rick
2. Borislav Ristic
3. Messay Amerga
4. Jeremy M. Stein
5. Ivan Fernandez
6. Ashok Bhatia

EXECUTION DATE

Month, Day, Year (MMDDYYYY)

January 7, 2002
 January 9, 2002
 January 8, 2002
 January 7, 2002
 January 8, 2002
 January 7, 2002

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: 8

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.

Patent Number(s):

1.

Patent Cooperation Treaty (PCT)

(Enter only if a U.S. Application Number has not been assigned)

1. PCT/

3. PCT/

Number of Properties (Enter the total number of properties involved)

Total number of properties:

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$40

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.

Signature: _____

Date: January 24, 2002

Name: Bruce W. Greenhaus
 Registration No. 37,339

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02/13/2002 01 FC:581 40.00 CH 00000110 170026 10056877

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(TRANSASSIGN.VER1.6-9/25/2000)

PATENT
 REEL: 012558 FRAME: 0899

ASSIGNMENT

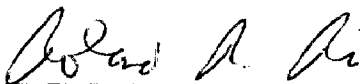
TO WHOM IT MAY CONCERN:

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 **Roland R. Rick**, a citizen of the United States of America having a place of residence at **11456 Northwick Way, San Diego, CA 92131**, **Borislav Ristic**, a citizen of Yugoslavia having a place of residence at **7981 Playmor Terrace, San Diego, CA 92122**; **Messay Amerga**, a citizen of Ethiopia having a place of residence at **8929 Lombard Place, Appt #119, San Diego CA 92122**; **Jeremy M. Stein**, a citizen of Israel having a place of residence at **19 Na'amat Street, Haifa, Israel 34670**, **Ivan Jesus Fernandez-Corbaton**, a citizen of Spain having a place of residence at **1134 Felspar Street, San Diego, CA 92109**; and **Ashok Bhatia**, a citizen of India having a place of residence at **1714 Grove St. Apt#8, San Diego, CA-92102**; 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 **PARAMETER ESTIMATOR WITH DYNAMICALLY VARIABLE SEARCH WINDOW SIZE AND/OR PLACEMENT** by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office HERewith, and assigned Serial No. 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.

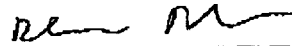
The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at San Diego, California this 7th day of January, 2002.

A handwritten signature in cursive script, appearing to read "Roland R. Rick", is written above a horizontal line.

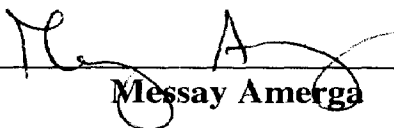
Roland R. Rick

Done at San Diego, California this 9th day of JANUARY, 2002.




Borislav Ristic

Done at San Diego, California this 8th day of January, 2002.




Messay Amerga

Done at Haifa, Israel this 7th day of January, 2002.



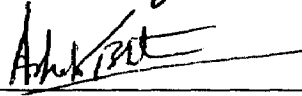
Jeremy M. Stein

Done at San Diego, California this 8th day of January, 2002.



Ivan Fernandez

Done at San Diego, California this 07 day of January, 2002.



Ashok Bhatia