

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

CORRECTIVE ASSIGNMENT

NATURE OF CONVEYANCE:

Corrective Assignment to correct the Roland Rick omitted from the recordation previously recorded on Reel 012615 Frame 0068. Assignor(s) hereby confirms the Omitted Assignor Roland Rick, reel 012615 frame 0068.

CONVEYING PARTY DATA

Name	Execution Date
Messay Amerga	10/26/2001
Christopher Patrick	10/16/2001
Douglas Rowitch	10/16/2001
Saed Younis	01/12/2002
Rick Roland	10/17/2001

RECEIVING PARTY DATA

Name:	QUALCOMM Incorporated
Street Address:	5775 Morehouse Drive
Internal Address:	Patent Department/Central Administration
City:	San Diego
State/Country:	CALIFORNIA
Postal Code:	92121

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	09922997
Patent Number:	7039418

CORRESPONDENCE DATA

Fax Number: (858)658-2502

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: 858 658 5787

Email: cetnyre@qualcomm.com

Correspondent Name: QUALCOMM Incorporated

Address Line 1: 5775 Morehouse Drive

Address Line 2: Patent Department/Central Administration

Address Line 4: San Diego, CALIFORNIA 92121

PATENT

500194269

REEL: 018635 FRAME: 0612

CH \$80.00 09922997

ATTORNEY DOCKET NUMBER:	010048
NAME OF SUBMITTER:	Dmitry Milikovsky
<p>Total Attachments: 7</p> <p>source=010048 cvr#page1.tif</p> <p>source=010048#page1.tif</p> <p>source=010048#page2.tif</p> <p>source=010048#page3.tif</p> <p>source=010048#page4.tif</p> <p>source=010048#page5.tif</p> <p>source=010048#page6.tif</p>	

03-04-2002

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

EET

102001511

Attorney Docket No.: 010048

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: \_\_\_\_\_

FEB 12 2002

Conveying Party(ies) ☐ Mark if additional names are attached

NAME

EXECUTION DATE

Month, Day, Year (MMDDYYYY)

Messay Amerga

10/26/2001

Christopher Patrick

10/16/2001

Roland Rick

10/17/2001

Douglas N. Rowitch

10/16/2001

Saed Younis

01/12/2002

Receiving Party(ies) ☐ Mark if additional names are attached

Name: QUALCOMM Incorporated

A Delaware Corporation

Address: 5775 Morehouse Drive

Address: San Diego, California, 92121-1714

Correspondence Name and Address

Name: QUALCOMM Incorporated (PTO Customer No. 23696)

Telephone Number: (858) 651-1179

Attn: Patent Department

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: six

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):

09/922,997

Patent Number(s):

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

Total number of properties: one

Fee Amount

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

Method of Payment: ☐ Enclosed ☒ Deposit Account (A duplicate of this sheet is enclosed for fee processing)

Deposit Account Number: 17-0026

Authorization to charge additional fees: ☒ Yes ☐ No

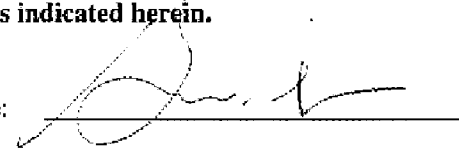
## Statement and Signature

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: 1/24/02

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

858-651-6399

Signature: 

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03/04/2002 LNUELLER 00000042 170026 09922997

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(TRANSMISSION VER 1.6-2/12/2001)

PATENT

REEL: 018635 FRAME: 0614

## ASSIGNMENT

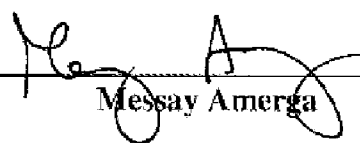
TO WHOM IT MAY CONCERN:

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 **Messay Amerga**, a citizen of Ethiopia having a place of residence at **8929 Lombard Place, #119, San Diego, CA 92122**, **Christopher Patrick**, a citizen of Trinidad and Tobago having a place of residence at **14358 Dalhousie Road, San Diego, CA 92129**; **Roland Rick**, a citizen of the United States of America having a place of residence at **11456 Northwick Way, San Diego, CA 92131**; **Douglas N. Rowitch**, a citizen of the United States of America having a place of residence at **2009 De Mayo Road, Del Mar, CA 92014**; **Saed Younis**, a citizen of the United States of America having a place of residence at **12767 Jordan Ridge Court, San Diego, CA 92130** 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 **POSITION DETERMINATION IN A WIRELESS COMMUNICATION SYSTEM WITH DETECTION AND COMPENSATION FOR REPEATERS** by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **August 3, 2001**, and assigned Serial No. **09/922,997** 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 26th day of October, 2001.

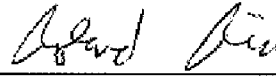
  
\_\_\_\_\_  
Messay Amerga

Done at San Diego, California this 16th day of October, 2001.

Christopher Patrick

**Christopher Patrick**

Done at San Diego, California this 17 day of October, 2001.



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**Roland Rick**

Done at San Diego, California this 16 day of OCT, 2001.



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Douglas N. Rowitch



Done at San Diego, California this 12<sup>th</sup> day of January, 2002.

  
\_\_\_\_\_  
Saed Younis