

03-04-2002

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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)
  - Correction of PTO Error
  - Corrective Document
- Document ID No.  
Reel No.                      Frame No.  
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**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 LMUELLER 00000042 170026 09922997

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# ASSIGNMENT

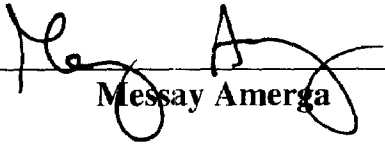
TO WHOM IT MAY CONCERN:

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

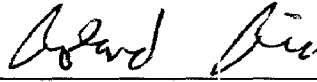
Done at San Diego, California this 16th day of October, 2001.

*Christopher Patrick*

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**Christopher Patrick**

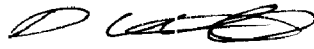
Done at San Diego, California this 17 day of October, 2001.



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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  
Saed Younis