

SHEET

| 101871255 | Customer No.: 23696 |
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| 101071200 | Attorney Docket No.: 010292 |
| TO: The Commissioner of Patents and Trademarks: Please record the att | |
| Submission Type New Resubmission (Non-Recordation) Document ID No. Correction of PTO Error | Conveyance Type |
| New C. 27 | Assignment |
| Resubmission (Non-Recordation) | Change of Name |
| Document ID No. | License |
| | Merger |
| Reel No. Frame No. | Security Agreement |
| Corrective Document | Other: |
| Reel No. Frame No. | 1114: -1 |
| | additional names are attached |
| NAME | EXECUTION DATE Month, Day, Year (MMDDYYYY) |
| 1 Com C McCroth | 09/27/2001 |
| 1. Gary G. McGrath | 07/21/2001 |
| 2. | |
| 3. | |
| 4. | C 11'c - 1 |
| | f 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, 92 | 121-1714 |
| Correspondent Name and Address | |
| Name: QUALCOMM Incorporated | Telephone Number: (858) 651-1179 |
| Attn: Sarah Kirkpatrick, Manager, Intellectual Property Ac | |
| Address: 5775 Morehouse Drive | |
| Address: San Diego, California 92121-1714 | |
| Pages (Enter the total number of pages including the Recordation Sheet) | |
| 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: 09/27/2001 Patent Number(s): | |
| If this document is being filed together with a new application | Patent Number(s): |
| Patent Application Number(s): | 1. |
| 1. | 2. |
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| 3. | 4. |
| 4. | |
| Patent Cooperation Treaty (PCT) Patent Cooperation Treaty (PCT) Number has not been assigned) | |
| (Enter only if a U.S. Application Number has not been assigned) | 3. PCT/ |
| 1. PCT/ | 4. PCT/ |
| 2. PCT/ Number of Properties (Enter the total number of properties invo | |
| Number of Properties (Enter the total number of properties) | |
| Total number of properties: 1 Fee Amount Fee Amount for Properties L | isted (37 CFR 3.41): \$40.00 |
| Fee Amount for Properties B. Method of Payment: Enclosed Deposit Account Deposit Account Deposit Account | A. I. Hinto of this sheet is enclosed |
| Method of Payment: Delicioscu Za Depositional fees can | be charged to the account. A duplicate of this sheet is enclosed |
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| for fee processing) Deposit Account Number: | 17-0026 |
| Authorization to charge ad | ditional fees: XYes |
| Statement and Signature Statement and Signature Statement and Signature | |
| 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 To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true | |
| To the best of my knowledge and belief, the foregoing information is true and ordered. Charges to deposit account are authorized, as indicated herein. | |
| copy of the original documents | |
| Date: 09/27/2001 | Signature: Abdolluh 1 Cuthub |
| Name: Abdollah Katbab, Reg. No. 45,325 | Signature: Place to the signature of the |
| (858) 651-4132 | |
| | |
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| | |

Page 1 of <u>1</u>

(TRANSASSIGN.VER1.6-1/17/2001)

REEL: 012228 FRAME: 0091

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 Gary G. McGrath, a citizen of the United States of America having a place of residence at 521 Halsing Ct., Carlsbad, California 92009-5415; 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 SYSTEM FOR PROVIDING A UNIFIED DATA **EXCHANGE AND STORAGE FORMAT** by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on even date herewith 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.

> [PA010292ASSN2] CUSTOMER NO. 23696

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 27 day of September, 2001.

Gary G. McGrath

[PA010292ASSN2] CUSTOMER NO. 23696

RECORDED: 09/27/2001