From-QUALCOMM AF-210A

| Form PTO-1595 (Rev. 06/04) | U.S. DEPARTMENT OF COMMERCEUnited States Patent and Trademark Office |
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| OMB No. 0651-0027 (exp. 6/30/2005) RECORDATION FOR | A COVER SHEET |
| PATENTS ONLY | |
| To the Director of the U.S. Patent and Trademark Office: Pleas | se record the attached documents or the new address(es) below. |
| 1. Name of conveying party(ies)/Execution Date(s): | 2. Name and address of receiving party(ies) |
| Kenny Fok | Name: Qualcomm, Inc. |
| Erle Chi Chung Yip Jihyun Hwang Lenaig Genevieve Guellec | Internal Address: Patent Dept. |
| Execution Date(s) 5/19/05, 5/18/05, 5/20/05, 5/19/05 Additional name(s) of conveying party(les) attached? Yes V | Street Address: <u>5775 Morehouse Dr.</u> |
| 3. Nature of conveyance: | |
| Assignment Merger | City: San Diego |
| Security Agreement Change of Name | State: California |
| Government Interest Assignment | Country: USA Zip: 92121 |
| Executive Order 9424, Confirmatory License | |
| Other | Additional name(s) & address(es) attached? Yes V No |
| 4. Application or patent number(s): This document is being filed together with a new application. | |
| A. Patent Application No.(s) | B. Patent No.(s) |
| Serial # 11/078,235 | |
| 1 | |
| Additional numbers | |
| 5. Name and address to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: |
| Name: Qualcomm, Inc. | 7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00 |
| Internal Address: Patent Dept. | Authorized to be charged by credit card Authorized to be charged to deposit account |
| Street Address: 5775 Morehouse Dr. | Enclosed |
| | None required (government interest not affecting title) |
| City: San Diego | 8. Payment Information |
| State: California Zip: 92121 | a. Credit Card Last 4 Numbers Expiration Date |
| Phone Number: 858-658-5787 | b. Deposit Account Number 17-0026 |
| Fax Number: <u>858-658-2507</u> | Authorized User Name |
| Email Address: | - Addition and the same |
| 9. Signature: Abdollah Kathab Signature | <u>June</u> 2 ,2005 Date |
| Abdollah Katbab, Reg. No. 45,325 | Total number of pages including cover sheet, attachments, and documents: |
| Name of Person Signing | |

Documents to be recorded (including cover shoet) should be faxed to (703) 306-5995, or mailed to: Mall Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

> **PATENT REEL: 016300 FRAME: 0487**

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 Kenny Fok, a citizen of Canada having a place of residence at 13126 Mesa Crest Place, San Diego, California 92129, and Eric Chi Chung Yip, a citizen of the United States of America having a place of residence at 7958 Camino Tranquilo, San Diego, California 92122, and Jihyun Hwang, a citizen of having a place of residence at 9505 Gold Coast Dr., #121, San Diego, California 92126, and Lenaig Genevieve Guellec, a citizen of France having a place of residence at 703 Agate Street, Apt. 5, San Diego, California 92109; 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:

APPARATUS AND METHODS FOR DETERMINING CONNECTION QUALITY OF A

WIRELESS DEVICE ON A WIRELESS COMMUNICATIONS NETWORK
by us devised and the application for United States Patent therefore filed in the United States
Patent and Trademark Office on March 10, 2005, as Serial No. 11/078,235 including,
without limitation, all provisional patent applications, 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,

ATTORNEY DOCKET NO. 050374

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 thist | day of May, 2005. |
|--------------------------------------|--------------------------|
| | Kenny Fok |
| Done at San Diego, California this _ | day of May, 2005. |
| | Eric Chi Chung Yip |
| Done at San Diego, California this _ | day of May, 2005. |
| | Jihyun Hwang |
| Done at San Diego, California this | day of May, 2005. |
| | Lenaig Genevieve Guellec |

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| Done at San Diego, California this day of May, 2005. |
|---|
| Kenny Fok |
| Done at San Diego, California this 18 day of May, 2005. |
| Eric Chi Chung Yip |
| Done at San Diego, California this day of May, 2005. |
| Jihyun Hwang |
| Done at San Diego, California this day of May, 2005. |
| Lenaig Genevieve Guellec |

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| Done at San Diego, California this day of May, 2005. |
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| Kenny Fok |
| Done at San Diego, California this day of May, 2005. |
| Eric Chi Chung Yip |
| Done at San Diego, California this <u>70</u> day of May, 2005. |
| Jihyun Hwang |
| Done at San Diego, California this day of May, 2005. |
| Lenaig Genevieve Guellec |

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| - | Kenny Fok |
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| | Eric Chi Chung Yip |
| Done at San Diego, California this | day of May, 2005. |
| | Jihyun Hwang |
| Done at San Diego, California this <u>\</u> | Jullie |
| | Lenaig Genevieve Guellec |