

FORM PTO-1619A/B

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

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

Attorney Docket No.: 030356

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. 016171 Frame No. 0768

Conveyance Type

- Assignment
- Change of Name
- License
- Merger
- Security Agreement
- Other: _____

Conveying Party(ies)

Mark if additional names are attached

NAME

EXECUTION DATE

Month, Day, Year (MMDDYYYY)

- | | |
|---------------------------|----------|
| 1. Ravinder Paul Chandhok | 06142004 |
| 2. An Mei Chen | 06142004 |
| 3. Paul E. Jacobs | 06142004 |
| 4. Thadi M. Nagaraj | 06142004 |
| 5. Ben A. Saidi | 06142004 |

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
Attn: Patent Department
Address: 5775 Morehouse Drive
Address: San Diego, California 92121-1714

Telephone Number: (858) 658-5787
Facsimile: (858) 658-2502

Pages (Enter the total number of pages of the attached conveyance document including any attachments)

Total number of pages: 7 (including this cover sheet)

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. 10/801,871
- 2.
- 3.
- 4.

Patent Number(s):

- 1.
- 2.
- 3.
- 4.

Patent Cooperation Treaty (PCT)

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

- | | |
|---------|---------|
| 1. PCT/ | 3. PCT/ |
| 2. PCT/ | 4. 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): \$

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)

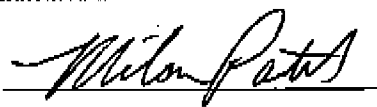
Deposit Account Number: 17-0026

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.

Date: July 14, 2005
Name: Milan Patel, Reg. No. 41,242
(858) 651-6892

Signature: 

FOR OFFICE USE ONLY

CH \$40.00 170026 10801871

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 Ravinder Paul Chandhok, a citizen of the United States of America having a place of residence at 14339 Bent Tree Court, Poway, California, and Paul E. Jacobs, a citizen of the United States of America having a place of residence at 9075 La Jolla Shores Lane, La Jolla, California, and An Mei Chen, a citizen of the United States of America having a place of residence at 9659 Deer Trail Drive, San Diego, California, and Thadi M. Nagaraj, a citizen of India having a place of residence at 11820-2 Cypress Canyon Road, San Diego, California, and Ben A. Saidi, a citizen of Sweden, having a place of residence at 11722 Springside Road, San Diego, California; 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:

**METHODS AND APPARATUS TO OPTIMIZE DELIVERY OF MULTICAST CONTENT
USING PROBABILISTIC FEEDBACK**

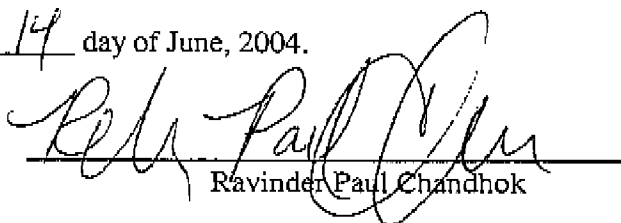
by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **March 14, 2004**, Serial No. 10/801,871, including, without limitation, all provisional patent applications, **including Serial No. 60/537,957, filed January 20, 2004**, and 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

ATTORNEY DOCKET NO. 030356

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 14 day of June, 2004.


Ravinder Paul Chandhok

Done at San Diego, California this _____ day of June, 2004.

An Mei Chen

Done at San Diego, California this _____ day of June, 2004.

Paul E. Jacobs

Done at San Diego, California this _____ day of June, 2004.

Thadi M. Nagaraj

Done at San Diego, California this _____ day of June, 2004.

Ben A. Saidi

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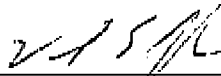
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AT T O R N E Y D O C K E T N O . 0 3 0 3 5 6

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