

Form PTO-1595 (Rev. 06/04)
OMB No. 0651-0027 (exp. 6/30/2005)U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):Peter Belding
James T. Determan
Ronald BloomExecution Date(s) 2/8/05, 2/8/05, 2/9/05Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance:**

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)Name: Qualcomm, Inc.Internal Address: Patent Dept.Street Address: 5775 Morehouse DriveCity: San DiegoState: CaliforniaCountry: USA Zip: 92121Additional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application or patent number(s):**☐ This document is being filed together with a new application.

A. Patent Application No.(s)

Serial # 10/991,618

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Qualcomm, Inc.Internal Address: Patent Dept.Street Address: 5775 Morehouse DriveCity: San DiegoState: California Zip: 92121Phone Number: 858-658-5787Fax Number: 858-658-2507

Email Address: _____

6. Total number of applications and patents involved:1**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____

Expiration Date _____

b. Deposit Account Number 17-0026

Authorized User Name _____

9. Signature:Abdollah Katbab
Signature

February 28, 2005

Date

Abdollah Katbab, Reg. No. 45,325

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

5Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ATTORNEY DOCKET NO. 040093

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 Peter Belding, a citizen of the United States of America having a place of residence at 4168 Stephens Street, San Diego, California 92103, and James T. Determan, a citizen of the United States of America having a place of residence at 4366 Manchester Avenue, Encinitas, California 92024, and Ronald Bloom, a citizen of the United States of America having a place of residence at 3630 Mount Ariane Drive, San Diego, California 92111; 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:

METHOD AND APPARTUS FOR OFFSET INTERLEAVING OF VOCODER FRAMES
by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **November 17, 2004**, as Serial No. 10/991,618 including, without limitation, all provisional patent applications, **including Serial No. 60/523,476, filed November 18, 2003**, 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.

ATTORNEY DOCKET NO. 040093

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 8th day of February, 2005.


Peter Belding

Done at San Diego, California this _____ day of February, 2005.

James T. Determan

Done at San Diego, California this _____ day of February, 2005.

Ronald Bloom

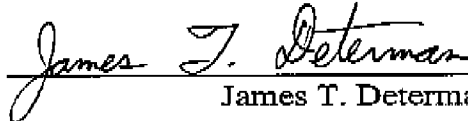
ATTORNEY DOCKET NO. 040093

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 _____ day of February, 2005.

Peter Belding

Done at San Diego, California this 8 day of February, 2005.



James T. Determan

Done at San Diego, California this 1 day of February, 2005.

Ronald Bloom

ATTORNEY DOCKET NO. 040093

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.

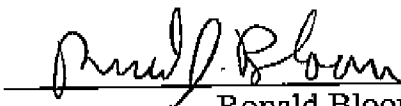
Done at San Diego, California this _____ day of February, 2005.

Peter Belding

Done at San Diego, California this _____ day of February, 2005.

James T. Determan

Done at San Diego, California this 9th day of February, 2005.



Ronald Bloom