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Attorney Docket No.: 040783

TO: The Commissioner of Patents and

document(s) or copy(ies).

Submission Type

- ☒ New
☐ Resubmission (Non-Recordation)
Document ID No.
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Conveyance Type

- ☒ Assignment
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Conveying Party(ies)

NAME

☐ Mark if additional names are attached

1. Thomas Philip Speier
2. James Norris Dieffenderfer
3. Ravi Rajagopalan
- 4.

EXECUTION DATE

Month, Day, Year (MMDDYYYY)

01/18/2005

01/18/2005

01/18/2005

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

Telephone Number: (858) 658-5787

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Address: San Diego, California 92121-1714

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

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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: January 21, 2005

Patent Application Number(s):

- 1.
- 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/
2. PCT/

3. PCT/
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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): \$40.00

Method of Payment: ☐ Enclosed ☒ Deposit Account

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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: January 21, 2005

Name: Richard Bachand, Reg. No. 25,107

Phone No. (858) 845-8503

Signature:

04/2005 6T0N11 00000041 170026 11040600

C:8021 40.00 DA

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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 Thomas Philip Speier, a citizen of the United States of America, having a place of residence at 112 Arbor Wynds Court, Holly Springs, North Carolina 27540, James Norris Dieffenderfer, a citizen of the United States of America, having a place of residence at 4000 Inkberry Court, Apex, North Carolina 27539; and Ravi Rajagopalan, a citizen of India, having a place of residence at 1721 Edenhurst Avenue, Cary, North Carolina 27513, 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 FOR DYNAMICALLY MANAGING BANKED
MEMORY**

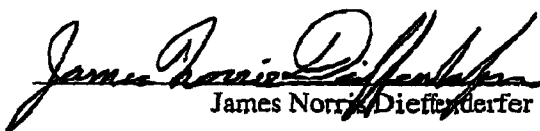
by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office **herewith**, including, without limitation, all provisional patent applications, and all original and reissue patents granted thereof, and all divisions, and continuations thereof, 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, 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 Cary, North Carolina this 18th day of January, 2005.


Thomas Philip Spaier

Done at Cary, North Carolina this 18th day of JANUARY, 2005.


James Norris Dieffenderfer

Done at Cary, North Carolina this 18th day of January, 2005.


Ravi Rajagopalan