

FORM PTO-1619A/B

U.S. Department of Commerce
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PATENT

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PATENTS ONLY**

Attorney Docket No.: 040788

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. Frame No.

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. Brian Michael Stempel | 03/04/2005 |
| 2. James Norris Dieffenderfer | 03/04/2005 |
| 3. Jeffrey Todd Bridges | 03/04/2005 |
| 4. Rodney Wayne Smith | 03/04/2005 |
| 5. Thomas Andrew Sartorius | 03/04/2005 |
| 6. | |

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 Telephone Number: (858) 658-5787
Attn: Patent Department Facsimile: (858) 658-2502
Address: 5775 Morehouse Drive
Address: San Diego, California 92121-1714

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

Total number of pages: two

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. 11/073,284
- 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: one

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$40.00

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: Nicholas J. Pauley, Reg. No. 44,999
Phone No. (858) 845-8405

Signature: 

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PATENT

REEL: 016526 FRAME: 0587

700195220

CH \$40.00 170026 11073284

ATTORNEY DOCKET NO. 040788

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, **Brian Michael Stempel**, a citizen of the United States of America, having a place of residence at 1309 Wellwater Court, Raleigh, North Carolina 27614; **James Norris Dieffenderfer**, a citizen of the United States of America, having a place of residence at 4000 Inkberry Court, Apex, North Carolina 27539; **Jeffrey Todd Bridges**, a citizen of the United States of America, having a place of residence at 3513 Timberwood Ct., Raleigh, North Carolina 27606; **Rodney Wayne Smith**, a citizen of the United States of America, having a place of residence at 1400 Bascomb Drive, Raleigh, North Carolina 27614; and **Thomas Andrew Sartorius**, a citizen of the United States of America, having a place of residence at 1600 Olde Chimney Court, Raleigh, North Carolina 27614; 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: **POWER SAVING METHODS AND APPARATUS TO SELECTIVELY ENABLE CACHE BITS BASED ON KNOWN PROCESSOR STATE** by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on March 4, 2005, and assigned Serial No. 11/073,284 (and we hereby authorize and instruct **QUALCOMM Incorporated** to hereafter complete this Assignment by inserting the serial number in the space provided when known), including, without limitation, all provisional patent applications, and all original and reissue patents granted thereof, and all divisions, and continuations 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. 040788

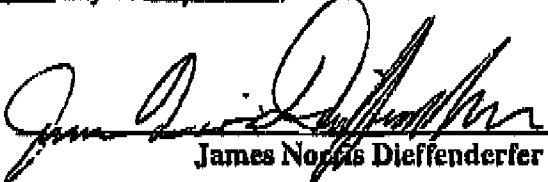
The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at Cary, North Carolina this 4th day of March, 2005.



Brian Michael Stempel

Done at Cary, North Carolina this 4th day of March, 2005



James Norris Dieffenderfer

Done at Cary, North Carolina this 4th day of March, 2005.



Jeffrey Todd Bridges

Done at Cary, North Carolina this 4th day of March, 2005.



Rodney Wayne Smith

Done at Cary, North Carolina this 4th day of March, 2005.



Thomas Andrew Sartorius