

FORM PTO-1619A/B

U.S. Department of Commerce
Patent and Trademark Office
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Attorney Docket No.: 040001

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)

NAME

☐ Mark if additional names are attached

1. Jay Rodney Walton
2. John W. Ketchum
3. Sanjiv Nanda
- 4.

EXECUTION DATE

Month, Day, Year (MMDDYYYY)

02172005

02182005

01242005

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

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: 3

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. 10/964,330
- 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: 1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$0.00

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: February 28, 2005

Name: Thien T. Nguyen, Reg. No. 43,835
(858) 651-6137Signature: 

FOR OFFICE USE ONLY

ATTORNEY DOCKET NO. 040001

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

Jay Rodney Walton, a citizen of the United States of America having a place of residence at 85 Highwoods Lane, Carlisle, Massachusetts 01741,

John W. Ketchum, a citizen of the United States of America having a place of residence at 37 Candleberry Lane, Harvard, Massachusetts 01451; and

Sanjiv Nanda, a citizen of the United States of America having a place of residence at 16808 Daza Drive, Ramona, California 92065;

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:


**HIGH SPEED MEDIA ACCESS CONTROL WITH LEGACY SYSTEM
INTEROPERABILITY**

by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **October 13, 2004**, and assigned Serial No. **10/964,330**, including, without limitation, all provisional patent applications, including the following applications: **60/511,750** filed 10/15/2003, **60/511,904** filed 10/15/2003, **60/513,239** filed 10/21/2003, **60/526,356** filed 12/01/2003, **60/526,347** filed 12/01/2003, **60/532,791** filed 12/23/2003, **60/545,963** filed 12/18/2004, **60/576,545** filed 06/02/2004, **60/586,841** filed 07/08/2004 and **60/600,960** filed 08/11/2004, 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,

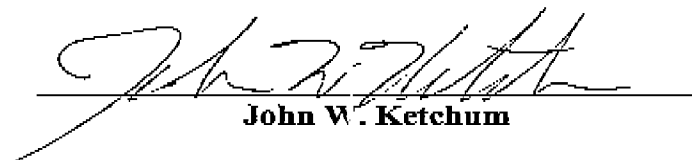
and covenant that we have full right to do so, and agree that we will communicate to said corporation or its representatives all facts known to us respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, make all rightful oaths and generally do everything 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 Concord, Massachusetts this 17 day of Feb, 2005.


Jay Rodney Walton

Done at Concord, Massachusetts this 18th day of Feb, 2005.


John W. Ketchum

Done at _____, California this _____ day of _____, 2005.

Sanjiv Nanda

ATTORNEY DOCKET NO. 040001

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.

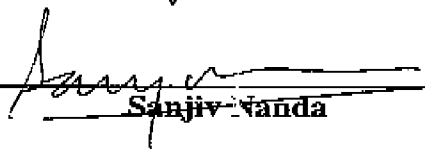
Done at _____, Massachusetts this ____ day of _____, 2005.

Jay Rodney Walton

Done at _____, Massachusetts this ____ day of _____, 2005.

John W. Ketchum

Done at San Diego, California this 24th day of Jan, 2005.



Sanjiv Vanda