

09-13-2001

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Customer No.: 23696
Attorney Docket No.: 010228B1

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

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- ☒ New
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8-31-01

Conveyance Type

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

Conveying Party(ies)

☐ Mark if additional names are attached

NAME

1. Jay R. Walton
2. John W. Ketchum
- 3.
- 4.

EXECUTION DATE

Month, Day, Year (MMDDYYYY)

08/24/2001

08/24/2001

Receiving Party

☐ Mark if additional names are attachedName: QUALCOMM Incorporated
A Delaware CorporationAddress (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: Sarah Kirkpatrick, Manager, Intellectual Property Administration

Telephone Number: (858) 651-1179

Facsimile: (858) 658-2502

Address: 5775 Morehouse Drive

Address: San Diego, California 92121-1714

Pages (Enter the total number of pages including the Recordation Sheet)

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. 09/881,610 filed 06/14/2001
- 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): \$40.00

Method of Payment: ☐ Enclosed ☒ Deposit Account(Enter for payment by deposit account or if additional fees can be charged to the account.
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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: 08/27/2001

Name: Kent D. Baker, Reg. No. 38,822
(858) 658-1930

Signature:

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(TRANSASSIGN.VER1.6-1/17/2001)

PATENT

REEL: 012144 FRAME: 0834

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 R. Walton**, a citizen of the United States of America having a place of residence at **7 Ledgewood Drive, Westford, Massachusetts 01886**; and **John W. Ketchum**, a citizen of the United States of America having a place of residence at **37 Candleberry Lane, Harvard, Massachusetts 01451**; 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 a **METHOD AND APPARATUS FOR PROCESSING DATA TRANSMISSION IN A MULTI-CHANNEL COMMUNICATION SYSTEM USING SELECTIVE CHANNEL INVERSION** by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **06/14/2001**, and assigned Serial No. **09/881,610**, 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

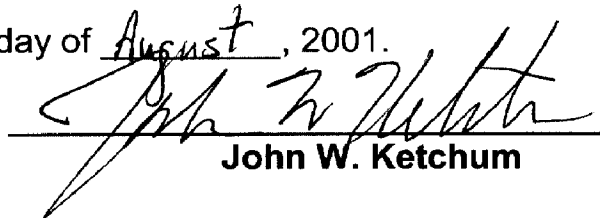
protection for said invention in all countries.

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 Westford, MA this 24 day of August, 2001.


Jay R. Walton

Done at Harvard, MA this 24 day of August, 2001.


John W. Ketchum