

03-11-2004

RECC



3-2-04

102690740

Attorney Docket No.: 020181

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: _____

16834 U.S. PTO
10/792171



Conveying Party(ies) Mark if additional names are attached

NAME

EXECUTION DATE

Month, Day, Year (MMDDYYYY)

Vladimir Aparin
Gary John Ballantyne
Charles J. Persico

02/26/2004
03/01/2004
02/25/2004

Receiving Party(ies) Mark if additional names are attached

Name: QUALCOMM Incorporated
A Delaware Corporation
Address: 5775 Morehouse Drive
Address: San Diego, California, 92121-1714

10792171

Correspondence Name and Address

Name: QUALCOMM Incorporated (PTO Customer No. 23696)
Attn: Patent Department
Address: 5775 Morehouse Drive
Address: San Diego, California 92121-1714

Telephone Number: (858) 651-1179
Facsimile: (858) 658-2502

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

Total number of pages: four

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: March 2, 2004

Patent Application Number(s):

Patent Number(s):

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

Method of Payment: Enclosed Deposit 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: 3/2/04

Name: Timothy F. Loomis, Reg. No. 37,383
858-845-8355

Signature:

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03/10/2004 LMUELLER 00000119 170026 10792171

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PATENT
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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 I,

1. **Vladimir Aparin**, a citizen of the United States, having a place of residence at 4126 Calle Mar De Ballenas, San Diego, Ca 92130;
2. **Gary John Ballantyne**, a citizen of New Zealand, having a place of residence at 7C Paisley Street, Christchurch 8008, NZ;
3. **Charles J. Persico**, a citizen of the United States, having a place of residence at 18141 Querida Sol, Rancho Sante Fe, Ca 92067; and

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 entire right, title and interest in and to a certain invention relating to a **ADAPTIVE FILTER FOR TRANSMIT LEAKAGE SIGNAL REJECTION** by me co-devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office herewith, and claiming priority to U.S. Provisional Application Number **60/519,561**, filed on November 13, 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 I have full right to do so, and agree that I will communicate to said corporation or its representatives all facts known to me 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,

ASSIGNMENT

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 San Diego, California this 26 day of February, 2004.

Vladimir Aparin
Vladimir Aparin

Done at _____, this _____ day of _____, 2004.

Gary John Ballantyne

Done at San Diego, California this _____ day of _____, 2004.

Charles J. Persico

ASSIGNMENT

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 San Diego, California this _____ day of _____, 2004.

Vladimir Aparin

Done at Christchurch, New Zealand, this st 1 day of March, 2004.

G. Ballantyne

Gary John Ballantyne

Done at San Diego, California this _____ day of _____, 2004.

Charles J. Persico

ASSIGNMENT

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 San Diego, California this _____ day of _____, 2004.

Vladimir Aparin

Done at _____, this _____ day of _____, 2004.

Gary John Ballantyne

Done at San Diego, California this 25 day of Feb, 2004.

Charles J. Persico

Charles J. Persico