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01-27-1999

U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

Attorney Docket No.: QCPA730  
Page 1 of 1

100951049

TO: The Commissioner of Patents and Trademarks:

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

EXECUTION DATE

Month, Day, Year (MMDDYYYY)  
01/14/99

1. Vladimir Aparin  
2.  
3.  
4.

Receiving Party

☐ Mark if additional names are attached

Name: QUALCOMM Incorporated  
A Delaware Corporation  
Address (Street number and name): 6455 Lusk Boulevard  
Address (City, State, Zip Code): San Diego, California, 92121

09/23/852

Correspondent Name and Address  
Name: QUALCOMM Incorporated  
Attn: Russell B. Miller  
Address: 6455 Lusk Boulevard  
Address: San Diego, California 92121

Telephone Number: (619) 658-4833  
Facsimile: (619) 658-2502

Pages (Enter the total number of pages of the attached conveyance document including any attachments)  
Total number of pages: 4

Application Number(s) or Patent Number(s)

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/  
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. 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.

Name: Brian S. Edmonston, Reg. No. 38,864 Signature: \_\_\_\_\_

Date: 1/14/99

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(TRANSASSIGN.VER1.0)

PATENT  
REEL: 9712 FRAME: 0603

## ASSIGNMENT

TO WHOM IT MAY CONCERN:

For the sum of One Dollar and other valuable consideration to me in hand paid, receipt of which is hereby acknowledged, be it known that I, **VLADIMIR APARIN**, a citizen of the Russian Federation having a place of residence at 10054 Paseo Monril, Apt. 1020, San Diego California 92129 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 6455 Lusk Boulevard, San Diego, California 92121, its successors, legal representatives, or assigns, the whole right, title and interest in and to a certain invention relating to an **ACTIVE DIFFERENTIAL TO SINGLE-ENDED CONVERTER** by me devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on even date herewith, 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, 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 14th day of January, 1999.

Vladimir Aparin

VLADIMIR APARIN

STATE OF CALIFORNIA    )  
                                  ) ss.  
COUNTY OF SAN DIEGO   )

On January 14, 1999 before me, the undersigned, a Notary Public in and for said State, personally appeared VLADIMIR APARIN personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged that he executed same.

Stephanie Farawell

Notary Public

(seal)

