

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RFMD WPAN, Inc.	12/15/2006

RECEIVING PARTY DATA

Name:	QUALCOMM Incorporated
Street Address:	5775 Morehouse Drive
City:	San Diego
State/Country:	CALIFORNIA
Postal Code:	92121

PROPERTY NUMBERS Total: 15

Property Type	Number
Patent Number:	6627954
Patent Number:	6366622
Patent Number:	6292062
Patent Number:	6278338
Patent Number:	6868128
Patent Number:	6570446
Patent Number:	6973071
Patent Number:	7027796
Patent Number:	6697004
Patent Number:	6853261
Patent Number:	7035314
Patent Number:	6978121
Patent Number:	7103316
Application Number:	09452933
Application Number:	10216082

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PATENT

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REEL: 019287 FRAME: 0952

CORRESPONDENCE DATA

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Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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ATTORNEY DOCKET NUMBER:

PROJECT ROBIN

NAME OF SUBMITTER:

George C. Pappas

Total Attachments: 4

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ASSIGNMENT

TO WHOM IT MAY CONCERN:

For good and valuable consideration provided to us in hand paid, receipt and sufficiency of which is hereby acknowledged, be it known that RFMD WPAN, Inc., a Delaware corporation, having a principal place of business at 6256 Greenwich Drive, Suite 300, San Diego, California, 92122 has sold, conveyed, assigned and transferred and by these presents does hereby sell, convey, assign, transfer and set over unto QUALCOMM Incorporated, a Delaware corporation, having a registered place of business located at 5775 Morehouse Drive, San Diego, California 92121, its successors, legal representatives and/or assigns, the whole right, title and interest in and to: (i) the below listed United States and foreign patents and patent applications; (ii) any and all improvements that are disclosed in the below listed United States and foreign patents and patent applications, together with all pending applications and all divisional applications, continuation applications continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, examinations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; (iii) all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and (iv) all rights of priority resulting from the filing of said United States and foreign patents and patent applications (collectively, the "Patents"):

1. U.S. Patent No. 6,627,954 entitled INTEGRATED CIRCUIT CAPACITOR IN A SILICON-ON-INSULATOR INTEGRATED CIRCUIT, issued on September 30, 2003;
2. U.S. Patent No. 6,366,622 entitled APPARATUS AND METHOD FOR WIRELESS COMMUNICATIONS, issued on April 2, 2002;
3. U.S. Patent No. 6,292,062 entitled METHOD AND APPARATUS FOR IMPLEMENTING A HIGH-PRECISION INTERVAL TIMER UTILIZING MULTIPLE OSCILLATORS INCLUDING A NON-OPTIMAL OSCILLATOR, issued on September 18, 2001;
4. U.S. Patent No. 6,278,338 entitled CRYSTAL OSCILLATOR WITH PEAK DETECTOR AMPLITUDE CONTROL, issued on August 21, 2001;
5. U.S. Patent No. 6,868,128 entitled METHOD AND APPARATUS FOR CALIBRATING DC-OFFSETS IN A DIRECT CONVERSION RECEIVER, issued on March 13, 2005;

6. U.S. Patent No. 6,570,446 entitled METHOD AND APPARATUS FOR IMPROVING THE PERFORMANCE OF ELECTRONIC DEVICES USING CROSS-DEGENERATION, issued on May 27, 2003;
7. U.S. Patent No. 6,973,071 entitled METHOD AND APPARATUS FOR CONTROLLING THE FLOW OF DATA IN A WIRELESS COMMUNICATION SYSTEM, issued on December 6, 2005;
8. U.S. Patent No. 7,027,796 entitled METHOD AND APPARATUS FOR AUTOMATIC FAST LOCKING POWER CONSERVING SYNTHESIZER, issued on April 11, 2006;
9. U.S. Patent No. 6,697,004 entitled PARTIAL-MISMATCH-SHAPING DIGITAL-TO-ANALOG CONVERTER, issued on February 24, 2004;
10. U.S. Patent No. 6,853,261 entitled METHOD AND APPARATUS FOR CALIBRATING VOLTAGE-CONTROLLED DEVICES, issued on February 8, 2005;
11. U.S. Patent No. 7,035,314 entitled METHOD AND APPARATUS IMPLEMENTING AN OVERLAY ADAPTIVE FREQUENCY HOPPING KERNEL IN A WIRELESS COMMUNICATION SYSTEM, issued on April 25, 2006;
12. U.S. Patent No. 6,978,121 entitled METHOD AND APPARATUS FOR OPERATING A DUAL-MODE RADIO IN A WIRELESS COMMUNICATION SYSTEM, issued on December 20, 2005;
13. U.S. Patent No. 7,103,316 entitled METHOD AND APPARATUS DETERMINING THE PRESENCE OF INTERFERENCE IN A WIRELESS COMMUNICATION CHANNEL, issued on September 5, 2006;
14. Taiwan Patent No. 90109379 entitled CRYSTAL OSCILLATOR WITH PEAK DETECTOR AMPLITUDE CONTROL, issued on January 21, 2002
15. U.S. Patent Application No. 09/452,933 filed December 2, 1999 and entitled APPARATUS AND METHOD FOR IMPLEMENTING A LOW COMPLEXITY DIGITAL MODULATOR; and
16. U.S. Patent Application No. 10/216,082 filed August 8, 2002 and entitled METHOD AND APPARATUS FOR A DUAL-MODE RADIO IN A WIRELESS COMMUNICATION SYSTEM;

Said sale, conveyance, assignment and transfer includes, without limitation, the rights to enforce, assert and sue for past, present and future infringement of the Patents, and the rights to recover and collect for past, present and future damages related to the Patents.

IN WITNESS WHEREOF, RFMD WPAN, Inc. has caused this Assignment to be signed on its behalf on this 15th day of December, 2006.

Signature: _____

Jerry D. Neal

Vice President of RFMD WPAN, Inc.

STATE OF North Carolina)

COUNTY OF Guilford) SS:

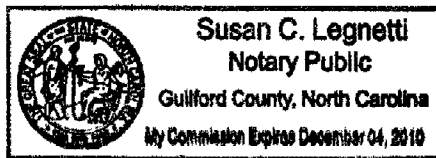
Before me this 15th day of December, 2006, personally appeared Jerry D. Neal, personally know to me or provided to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity therefor and that he signed the same of his own free will for the purpose therein expressed.

WITNESS my hand and official seal:

Susan C. Legnetti
Notary Public

Printed Name: Susan C. Legnetti

(SEAL)



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