

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Jeremy D Dunworth</td><td>02/28/2002</td></tr><tr><td>Brett C Walker</td><td>02/28/2002</td></tr></tbody></table>		Name	Execution Date	Jeremy D Dunworth	02/28/2002	Brett C Walker	02/28/2002				
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Jeremy D Dunworth	02/28/2002										
Brett C Walker	02/28/2002										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Qualcomm Incorporated</td></tr><tr><td>Street Address:</td><td>5775 Morehouse Drive</td></tr><tr><td>City:</td><td>San Diego</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>92121</td></tr></table>		Name:	Qualcomm Incorporated	Street Address:	5775 Morehouse Drive	City:	San Diego	State/Country:	CALIFORNIA	Postal Code:	92121
Name:	Qualcomm Incorporated										
Street Address:	5775 Morehouse Drive										
City:	San Diego										
State/Country:	CALIFORNIA										
Postal Code:	92121										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11436915</td></tr></tbody></table>		Property Type	Number	Application Number:	11436915						
Property Type	Number										
Application Number:	11436915										
CORRESPONDENCE DATA											
Fax Number: (858)658-2502 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 858-845-5042											
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Address Line 1: 5775 Morehouse Drive											
Address Line 4: San Diego, CALIFORNIA 92121											
ATTORNEY DOCKET NUMBER:	010482C1										
NAME OF SUBMITTER:	George C. Pappas										
Total Attachments: 4 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif											

CH \$40.00 11436915

500180025

PATENT
REEL: 018525 FRAME: 0235



MAY 13, 2002

PTAS

Commissioner for Trademarks
Arlington, VA 22202-3513
www.uspto.gov

QUALCOMM INCORPORATED
SARAH KIRKPATRICK
5575 MOREHOUSE DRIVE
SAN DIEGO, CA 92121-1714



102023990A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

010482

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/06/2002

REEL/FRAME: 012681/0615
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

DUNWORTH, JEREMY D.

DOC DATE: 02/28/2002

ASSIGNOR:

WALKER, BRETT C.

DOC DATE: 02/28/2002

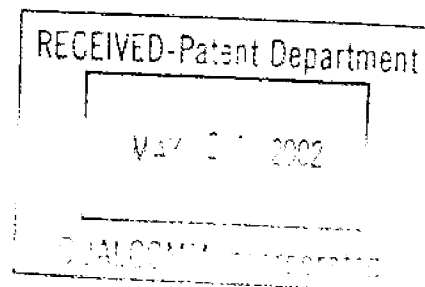
ASSIGNEE:

QUALCOMM INCORPORATED
5775 MOREHOUSE DRIVE
SAN DIEGO, CALIFORNIA 92121-1714

SERIAL NUMBER: 10092868
PATENT NUMBER:

FILING DATE: 03/06/2002
ISSUE DATE:

SHARON BROOKS, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



PATENT
REEL: 018525 FRAME: 0237

03-20-2002



102023990

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

EET

Attorney Docket No.: 010482

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. Jeremy D. Dunworth

2. Brett C. Walker

EXECUTION DATE

Month, Day, Year (MMDDYYYY)

February 28, 2002

February 28, 2002

Receiving Party

☐ Mark if additional names are attachedName: 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: Sarah Kirkpatrick, Manager, Intellectual Property Administration

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: 2

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 1, 2002

Patent Application Number(s):

1.

Patent Number(s):

1.

Patent Cooperation Treaty (PCT)

(Enter only if a U.S. Application Number has not been assigned)

1. PCT/

3. PCT/

Number of Properties (Enter the total number of properties involved)

Total number of properties:

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$40

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.

Signature: _____

Name: Bruce W. Greenhaus

Registration No. 37,339

Date: March 6, 2002

FOR OFFICE USE ONLY

Page 1 of 1

19/2002 6TDN11 00000132 170026 10092868

FC:581 40.00 CH

(TRANSASSIGN.VER 1.6-9/25/2000)

PATENT

REEL: 018525 FRAME: 0238


ASSIGNMENT

TO WHOM IT MAY CONCERN:

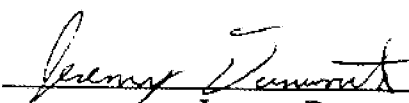
For the sum of One Dollar and other valuable consideration to us in hand paid, receipt of which is hereby acknowledged, be it known that we **Jeremy D. Dunworth**, a citizen of the United States of America having a place of residence at **1303 Bellevue, Cardiff, CA 92007**, and **Brett C. Walker**, a citizen of Australia having a place of residence at **12020 Blue Diamond Court, San Diego, CA 92131**, 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 **DISCRETE AMPLITUDE CALIBRATION OF OSCILLATORS IN FREQUENCY SYNTHESIZERS** by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office **HEREWITH**, and assigned Serial No. _____ 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 San Diego, California this 28 day of Feb, 2002.


Brett C. Walker

Done at San Diego, California this 28th day of February, 2002.


Jeremy Dunworth