PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Lawrence W. Yonge III	08/10/2011

RECEIVING PARTY DATA

Name:	Qualcomm Atheros, Inc.
Street Address:	1700 Technology Drive
City:	San Jose
State/Country:	CALIFORNIA
Postal Code:	95110

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13219863

CORRESPONDENCE DATA

Fax Number: (512)853-8801

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

Phone: 5128538800

Email: jmiranda@intprop.com

Correspondent Name: MHKKG/Qualcomm Atheros, Inc.

Address Line 1: P.O. Box 398

Address Line 4: Austin, TEXAS 78767-0396

ATTORNEY DOCKET NUMBER: 6221-05112

NAME OF SUBMITTER: Jeffrey C. Hood

Total Attachments: 2

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PATENT REEL: 026820 FRAME: 0498 CH \$40 00 132

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

Lawrence W. Yonge, III of 1700 Technology Drive, San Jose, CA 95110

hereby sell, assign and transfer to **Qualcomm Atheros**, Inc., a Delaware corporation, having a place of business at 1700 Technology Drive, San Jose, CA 95110, its successors and assigns, the entire right, title and interest throughout the world in our invention in

"Managing Spectra of Modulated Signals in a Communication Network"

for which we will execute a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we authorize and request our attorney, Jeffrey C. Hood, of Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C., P.O. Box 398, Austin, TX 78767-0398, to insert here in parentheses (August 29, 2011; Serial No. 13/219,863) the filing date and application number of said application when known; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

PATENT REEL: 026820 FRAME: 0499

6221-05112 ATH-0547-1C

Executed this 10th day of August, 2011.

Signature

Printed Name:

Lawrence W. Yonge, II

Signature

Witness 1:

Printed Name:

Solkey B Shrum J

Signature

Witness 2:

Printed Name:

ARUN AVUDAINAVAGA

Customer No. 88433

Jeffrey C. Hood Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C. P.O. Box 398 Austin, TX 78767-0398

> PATENT REEL: 026820 FRAME: 0500

RECORDED: 08/29/2011