

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YI-HSIU WANG	02/12/2003
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	QUALCOMM INCORPORATED
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<b>City:</b>	SAN DIEGO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92121
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15354305
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<b>SIGNATURE:</b>	/E. Eric Hoffman/
<b>DATE SIGNED:</b>	11/17/2016
<b>Total Attachments: 1</b>	
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ASSIGNMENT

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

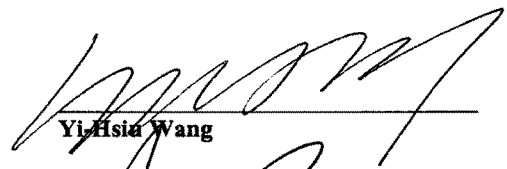
Yi-Hsiu Wang of 644 Barron Ave. Palo Alto, CA 94306

hereby sell, assign and transfer to **Atheros Communications, Inc.**, a Delaware corporation, having a place of business at 529 Almanor Ave. Sunnyvale, CA 94085, its successors and assigns, the entire right, title and interest throughout the world in our invention in

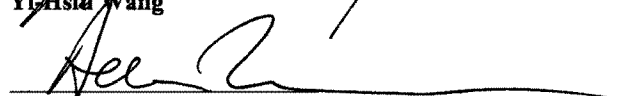
**POSITIONING WITH WIRELESS LOCAL AREA NETWORKS AND WLAN-AIDED GLOBAL POSITIONING SYSTEMS**

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 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.

Executed this 12<sup>th</sup> day of Feb., 2003.



Yi-Hsiu Wang



Witness Signature  
Name: Adam Tachner