

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Chi-Lin Su	12/12/2008
Ning Zhang	12/12/2008
RECEIVING PARTY DATA	
Name:	Atheros Communications, Inc.
Street Address:	5480 Great America Pkwy.
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95054
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12335832
CORRESPONDENCE DATA	
Fax Number:	(281)754-4914
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	281-758-0025
Email:	lmcmillan@delizogilliam.com
Correspondent Name:	Andrew DeLizio
Address Line 1:	15201 Mason Road
Address Line 2:	Suite 1000-312
Address Line 4:	Cypress, TEXAS 77433
ATTORNEY DOCKET NUMBER:	ATH-0367
NAME OF SUBMITTER:	Andrew DeLizio
<p>Total Attachments: 4</p> <p>source=ATH_367AssignmenttoUpload#page1.tif</p> <p>source=ATH_367AssignmenttoUpload#page2.tif</p>	

OP \$40.00 12335832

**500735564**

**PATENT**  
**REEL: 022004 FRAME: 0256**

source=ATH\_367AssignmenttoUpload#page3.tif

source=ATH\_367AssignmenttoUpload#page4.tif

## ASSIGNMENT

WHEREAS, We,

- (1) **Chi-Lin Su** of Hsinchu, Taiwan
- (2) **Ning Zhang** of Saratoga, CA

made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on 12/16/08, which application was assigned U.S. patent application serial number 12/335,832, and is entitled SPUR MITIGATION FOR WIRELESS COMMUNICATION SYSTEMS;

AND WHEREAS, Atheros Communications, Inc., a corporation organized and existing under and by virtue of the laws of the State of CA, and having an office and place of business at 5480 Great America Pkwy., Santa Clara, CA 95054 (hereinafter "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to ASSIGNEE, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and in all foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to ASSIGNEE, its successors and assigns; and we hereby agree that ASSIGNEE may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by ASSIGNEE.

I further authorize and direct the ASSIGNEE and its attorneys to insert above, if not already present, the application number and filing date of said application now identified as Docket No. ATH-0367 as soon as the same shall have been made known to them by the U.S. Patent and Trademark Office.

(1) Signed at Hsinchu on 12.12, 2008  
(City) (Date)

Chi-Lin, Su.  
Chi-Lin Su

(2) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2008  
(City) (Date)

\_\_\_\_\_  
Ning Zhang

## ASSIGNMENT

WHEREAS, We,

- (1) **Chi-Lin Su** of Hsinchu, Taiwan
- (2) **Ning Zhang** of Saratoga, CA

made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on 12/16/00, which application was assigned U.S. patent application serial number 12/335,832, and is entitled SPUR MITIGATION FOR WIRELESS COMMUNICATION SYSTEMS;

AND WHEREAS, Atheros Communications, Inc., a corporation organized and existing under and by virtue of the laws of the State of CA, and having an office and place of business at 5480 Great America Pkwy., Santa Clara, CA 95054 (hereinafter "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

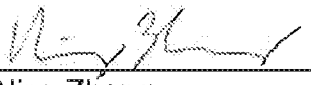
Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to ASSIGNEE, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and in all foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to ASSIGNEE, its successors and assigns; and we hereby agree that ASSIGNEE may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by ASSIGNEE.

I further authorize and direct the ASSIGNEE and its attorneys to insert above, if not already present, the application number and filing date of said application now identified as Docket No. ATH-0367 as soon as the same shall have been made known to them by the U.S. Patent and Trademark Office.

(1) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2008  
(City) (Date)

\_\_\_\_\_  
Chi-Lin Su

(2) Signed at Santa Clara on 12/12, 2008  
(City) (Date)

  
Ning Zhang