## PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Purushotham Kamath	10/02/2008
James S. Cho	10/03/2008
Prem Kumar	10/03/2008
Matthew Smith	10/09/2008
Haixiang Liang	10/03/2008

#### **RECEIVING PARTY DATA**

Name:	Atheros Communications, Inc.	
Street Address:	5480 Great America Parkway	
City:	Santa Clara	
State/Country:	CALIFORNIA	
Postal Code:	95054-3644	

### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12248852

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	508-003U
NAME OF SUBMITTER:	Gregory Scott Smith

PATENT REEL: 021670 FRAME: 0416 OP \$40,00 12248852

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Total Attachments: 2

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PATENT REEL: 021670 FRAME: 0417 Form **PTO-1595** (Rev. 08/08) OMB No. 0651-0027 (exp. 9/30/2008) U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office

RECORDATION FOR	RM COVER SHEET			
PATENTS ONLY				
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.				
Name of conveying party(ies)     Purushotham Kamath     James S. Cho	Name and address of receiving party(ies)  Name: Atheros Communications, Inc.			
Prem Kumar Matthew Smith Haixiang Liang	Internal Address:			
Additional name(s) of conveying party(ies) attached? Yes X No				
3. Nature of conveyance/Execution Date(s):  Execution Date(s) 10/02/08, 10/03/08, 10/03/08, 10/09/08,10/03/08	Street Address: 5480 Great America Parkway			
X Assignment	City: Santa Clara			
Joint Research Agreement Government Interest Assignment	State: <u>CA</u> Country:Zip: <u>95054-3644</u>			
Executive Order 9424, Confirmatory License				
Other	Additional name(s) & address(es) attached? Yes X No			
A. Application or patent number(s):  A. Patent Application No.(s) 12/248,852  Additional numbers at				
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1			
Name: GREGORY SCOTT SMITH	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00			
GSS LAW GROUP  Internal Address:	Authorized to be charged to deposit account			
micrial / lidings.	X Enclosed			
Street Address:3900 Newpark Mall Road, Suite 317	None required (government interest not affecting title)  8. Payment Information			
City: Newark	Deposit Account Number 502276			
State: <u>CA</u> Zip: <u>94560</u> Phone Number:( <u>510</u> ) 742-7417	Authorized User Name			
Fax Number:(510) 742-7417				
Email Address:gsmith@gsslawgroup.com				
9. Signature:	Ortobar 0, 2000			
9. Signature: Signature	October 9, 2008  Date  Total number of pages including source			
GREGORY SCOTT SMITH	Total number of pages including cover sheet, attachments, and documents: 2			

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

# **ASSIGNMENT**

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

Purushotham Kamath		nerica Parkway Santa Clara, CA 95054			
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		nerica Parkway Santa Clara, CA 95054			
Haixiang Liang	or 3480 Great An	nerica Parkway Santa Clara, CA 95054			
hereby sell, assign and transfer to Atheros Communications, Inc., a Delaware corporation, having a place of business at 5480 Great America Parkway Santa Clara, CA 95054, its successors and assigns, the entire right, title and interest throughout the world in our invention in					
"METHOD AND APPARATUS FOR SYNCHROADAPTIVE TIME DIVISION MULTIPLEXING COLOCATED TRANSCEIVERS"					
for which United States Patent Application Serial applications and patents of every country for se extensions thereof, and all rights of priority resultinamed assignee to apply for patents of foreign counfurther authorization from us; we agree to execute a applications, and generally to do everything possib their request and expense, in obtaining and enforci Commissioner of Patents and Trademarks to issue a its successors and assigns.	aid invention, including from the filing of	ding divisions, reissues, continuations and of said applications; we authorize the above- ion, and to claim all rights of priority without onnection with said United States and foreign ee, their successors, assigns and nominees, at invention in all countries; and we request the			
Executed this 2 NO day of OCTOBER2	, 2008.				
Signature Witness 1: R. SART ANTONIO	Signature Witness (Print name)	Purushotham Kamath			
Executed this 3rd day of Gctober	, 2008.	Sames S. Cho			
Signature Witness 1: ROBBRT ANTONIO	Signature Witness (Print name)				
Executed this 3 day of 0ct	, 2008.	Dram Kumar			
Signature Witness 1: ROBERT ANTONIO	Signature Witness (Print name)	]:			
Executed this 9th day of Octobor	, 2008.	Matthew Smith			
Signature Witness 1: ROBERT ATOMO	Signature Witness (Print name)				
Executed this 3rd day of October	, 2008.	Halkiang Lians			
Signature Witness 1:  (Print name)  ROBERT ANTONO	Signature Witness (Print name)	2:			

PATENT REEL: 021670 FRAME: 0419

**RECORDED: 10/10/2008**