

## PATENT ASSIGNMENT

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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>Olaf Hirsch</td> <td>10/03/2008</td> </tr> <tr> <td>Paul J. Husted</td> <td>10/03/2008</td> </tr> </tbody> </table>		Name	Execution Date	Olaf Hirsch	10/03/2008	Paul J. Husted	10/03/2008				
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Paul J. Husted	10/03/2008										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Atheros Communications, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>5480 Great America Parkway</td> </tr> <tr> <td>City:</td> <td>Santa Clara</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95054</td> </tr> </table>		Name:	Atheros Communications, Inc.	Street Address:	5480 Great America Parkway	City:	Santa Clara	State/Country:	CALIFORNIA	Postal Code:	95054
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 4084515908  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 408-451-5907        Email: bbaumann@beverlaw.com        Correspondent Name: BEVER HOFFMAN &amp; HARMS, LLP        Address Line 1: 901 CAMPISI WAY        Address Line 2: SUITE 370        Address Line 4: CAMPBELL, CALIFORNIA 95008</p>											
ATTORNEY DOCKET NUMBER:	ATH-0318-2D										
NAME OF SUBMITTER:	Jeanette S. Harms										
<p>Total Attachments: 1        source=ATH-0318-2D-ParentAssignmentToAtheros#page1.tif</p>											

OP \$40.00 13705119

ASSIGNMENT

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

Olaf Hirsch of 5480 Great America Parkway Santa Clara, CA 95054  
Paul J. Husted of 5480 Great America 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

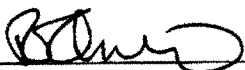
**"METHOD AND SYSTEM FOR MESSAGE TRANSMISSION AND RECEPTION"**

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 3 day of October, 2008.

  
Olaf Hirsch

Signature Witness 1:  
(Print name)


  
ROBERT ANTONIO

Signature Witness 2: \_\_\_\_\_  
(Print name)

Executed this 3 day of October, 2008.

  
Paul J. Husted

Signature Witness 1:  
(Print name)

  
ROBERT ANTONIO

Signature Witness 2: \_\_\_\_\_  
(Print name)