

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>Won-Joon Choi</td> <td>12/10/2003</td> </tr> <tr> <td>Qinfang Sun</td> <td>12/10/2003</td> </tr> <tr> <td>Jeffrey M. Gilbert</td> <td>12/10/2003</td> </tr> </tbody> </table>		Name	Execution Date	Won-Joon Choi	12/10/2003	Qinfang Sun	12/10/2003	Jeffrey M. Gilbert	12/10/2003		
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<table border="1"> <tr> <td>Name:</td> <td>Atheros Communications, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>529 Almanor Avenue</td> </tr> <tr> <td>City:</td> <td>Sunnyvale</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94085-3512</td> </tr> </table>		Name:	Atheros Communications, Inc.	Street Address:	529 Almanor Avenue	City:	Sunnyvale	State/Country:	CALIFORNIA	Postal Code:	94085-3512
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Application Number:	13356580										
CORRESPONDENCE DATA											
<p>Fax Number: (408)451-5908</p> <p>Phone: 408-451-5907</p> <p>Email: bbaumann@beverlaw.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: BEVER, HOFFMAN & HARMS, LLP</p> <p>Address Line 1: 901 Campisi Way Suite 370</p> <p>Address Line 4: Campbell, CALIFORNIA 95008</p>											
ATTORNEY DOCKET NUMBER:	ATH-0128-2C										
NAME OF SUBMITTER:	Jeanette S. Harms										
<p>Total Attachments: 1</p> <p>source=ATH-0128-2C-ExecutedAssignmentFromParent#page1.tif</p>											

OP \$40.00 13356580

PATENT

ASSIGNMENT OF PATENT APPLICATION

(Not Accompanying Application)

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:


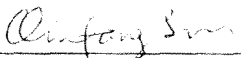
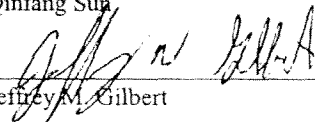
REPETITION CODING FOR A WIRELESS SYSTEM

for which I (we) have executed an application for a United States Letters Patent which was filed in the U.S. Patent and Trademark Office on September 17, 2003, and which bears the Application No. 10/666,952.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) to Atheros Communications, Inc. a Delaware corporation having a place of business at 529 Almanor Avenue, Sunnyvale, CA 94085-3512, (hereinafter referred to as ("ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date(s) indicated beside my (our) signature(s).

- | | | |
|----|---|-----------------------|
| 1) | Signature: <u></u> | Date: <u>12/10/03</u> |
| | Typed Name: Won-Joon Choi | |
| 2) | Signature: <u></u> | Date: <u>12/10/03</u> |
| | Typed Name: Qinfang Sun | |
| 3) | Signature: <u></u> | Date: <u>12/10/03</u> |
| | Typed Name: Jeffrey M. Gilbert | |

Atty Dkt. No. ATHEP128