



12-18-2003

102626566

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

- 1. Name of conveying party(ies)
 - a) Paul Husted
 - b) William John McFarland
 - c) Jeffrey M. Gilbert

- 2. Name and address of receiving party(ies):
 - a) Name: Atheros Communications, Inc.
 - b) Address: 529 Almanor Avenue
Sunnyvale, CA 94085-3512

12-16-03

- 3. Nature of conveyance

<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name
<input type="checkbox"/> Other _____	<input type="checkbox"/> License Agreement

Execution Date: December 10, 2003

- 4. Application Number(s) or Patent Number(s): 10/704,209

The title of the (new) application is:

MULTI-CHANNEL BINDING IN DATA TRANSMISSION

- 5. Please send all correspondence concerning this (these) documents to:

**Customer No. 21912
 Van Pelt & Yi LLP
 10050 N. Foothill Blvd,
 Suite 200
 Cupertino, CA 95014
 408-973-2585**

2003 DEC 16 AM 8:38
OPR/FINANCE

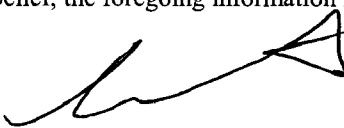
- 6. Total number of applications and patents involved: 1

- 7. Total fee (37 CFR 3.41): \$40.00

- Enclosed
- Any deficiencies are hereby authorized to be charged to Deposit Account No. 50-0685 (Order No. ATHEP132)

- 8. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Date: December 11, 2003



 Lee Van Pelt
 Registration No. 38,352

12/17/2003 LUMPELLER 00000115 10704209

01 FC:0021

40.00 OP

Attorney Docket No. ATHEP132

(Revised 01/96)

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:

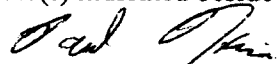

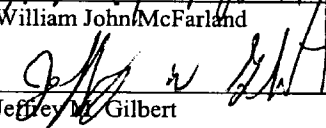
MULTI-CHANNEL BINDING IN DATA TRANSMISSION

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 November 6, 2003, and which bears the Application No. 10/704,209.

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 Communicatins, 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: Paul Husted | |
| 2) | Signature: <u></u> | Date: <u>12/10/03</u> |
| | Typed Name: William John McFarland | |
| 3) | Signature: <u></u> | Date: <u>12/10/03</u> |
| | Typed Name: Jeffrey M. Gilbert | |

Atty Dkt. No. ATHEP132