

09/07/2004
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**ASSIGNMENT RECORDATION COVER SHEET
-PATENTS ONLY-**

To: Honorable Commissioner of Patents and Trademarks:

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

- 1. Name of conveying party(ies)
a) Hiran Samavati
- 2. Name and address of receiving party(ies):
a) Name: Atheros Communications, Inc.
Address: 529 Almanor Avenue
City: Sunnyvale, California 94085-3512

- 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: June 18, 2004

- 4. Application Number(s) or Patent Number(s): 10/237,534

The title of the (new) application is:

METHOD AND APPARATUS FOR A GAIN CONTROLLED MIXER

- 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

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

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

- Enclosed
- The USPTO is hereby authorized to charge the fee and any deficiencies to Deposit Account No. 50-0685 (Order No. Atty Docket No. ATHEP119)

- 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: September 2, 2004


Lee Van Pelt
Registration No. 38,352

Attorney Docket No. ATHEP119

(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:


METHOD AND APPARATUS FOR A GAIN CONTROLLED MIXER

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 April 29, 2004, and which bears the Application No. 10/837,534.

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:  Date: 6/18/2004
 Typed Name: Hiral Samavati

Atty Dkt. No. ATHEP119