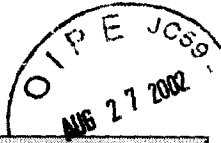


8/27/02



09-05-2002

BOX ASSIGNMENTS

DO NOT USE FOR TRADEMARKS



102212629

TO THE ASSISTANT COMMISSIONER OF F. SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

Hung-Min Jen  
David Su

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED?  YES  NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: **ATHEROS COMMUNICATIONS, INC**

ADDRESS: **529 Almanor Street, Sunnyvale, California 94085**

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED?  YES  NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)

- ASSIGNMENT OF
- ORIGINAL
- OTHER
- SECURITY  MERGER
- WHOLE
- FACSIMILE/PHOTOCOPY
- VERIFIED TRANSLATION
- OTHER:
- PATENT APPLICATION

EXEC. DATE:  
July 9, 2002

EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (**NOTE:** IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!)

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached?  YES  NO

A. PAT. APP. NO.(S) Series code/serial no	Filing Date	1 <sup>st</sup> INVENTOR if not in item 1	B. PATENT NO(S)	Client/Matter	1 <sup>st</sup> INVENTOR if not in item 1
10/138,048	May 3, 2002			073169/0293226	

5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:

David A. Jakopin  
Pillsbury Winthrop LLP  
Intellectual Property Group  
1600 Tysons Boulevard  
McLean, VA 22102

6. NUMBER INVOLVED:

APPLNS 1 + PATS 0 = TOTAL 1

7. AMOUNT OF FEE = \$40  
Charge Recordation Fee to Deposit Account 03-3975  
(Order No. 073169/0293226)

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975

UNDER ORDER NO **073169/0293226** **ATH-093**  
dup. sheet not required

9. STATEMENT AND SIGNATURE. To the best of my knowledge and belief, the foregoing information is true and correct.

Signature

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet)

2

By: David A. Jakopin  
Reg. No. Reg. No. 32,995  
Atty/Sec: DAJ:kms TEL: (650) 233-4790  
60280285

Date: **August 19, 2002**  
FAX: (650) 233-4545

(09/05/2002 6TON11 00000043 033975 10138048)  
01 FC:581 40.00 CH

**ASSIGNMENT**  
**of U.S. Origin Patent Application**

WHEREAS, the undersigned, **Hung-Min Jen and David Su**, have made an invention entitled **Variable Gain Amplifier** for which an application for Letters Patent of the United States was filed in the United States Patent and Trademark Office on May 3, 2002, under Serial No. 10/138,048 and

WHEREAS, **ATHEROS COMMUNICATIONS, INC.** (hereinafter ASSIGNEE), a body having corporate powers under the laws of the State of Delaware, whose principal office and place of business is at, 529 Almanor Avenue, Sunnyvale, California 94085, desires to acquire an interest therein:

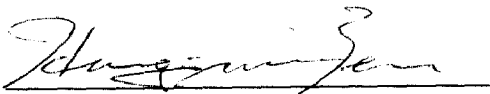


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NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, said ASSIGNORS do hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest to the said invention in the United States and all foreign countries, as described in the aforesaid application, and to the said application and to all continuations, divisions, reissues and substitutes of said application, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and ASSIGNORS hereby authorize and request the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives.

AND ASSIGNORS hereby agree to execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

ASSIGNORS furthermore agrees upon request of said ASSIGNEE, and without further remuneration, to execute any and all papers desired by said ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in said ASSIGNEE.

Executed on the date below indicated.

<u>Signature</u>	<u>Date Signed</u>	<u>Witness</u>
 <b>Hung-Min Jen</b>	<u>7/7/02</u>	
 <b>David Su</b>	<u>7/9/02</u>	