

04-14-2003

4-14-03

BOX ASSIGNMENTS



DO NOT USE FOR TRADEMARKS

102417736

TO THE ASSISTANT COMMISSIONER OF PATENTS AND TRADEMARKS:

SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

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

1. Jeffrey M. Gilbert

2. Hsiu Wang

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

4.14.03

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 ☐ WHOLE ☒ PATENT APPLICATION☒ ORIGINAL ☐ FACSIMILE/PHOTOCOPY☐ VERIFIED TRANSLATION☐ SECURITY ☐ MERGER ☐ OTHER:

EXEC. DATE:

April 10, 2003

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. Serial No.	Filing Date	1 st INVENTOR If not in item 1	B. PATENT NO(S)	M#	1 st INVENTOR If not in item 1
09/962,912	September 24, 2001				

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

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 ENCLOSED: (Code 581)

ABOVE TOTAL x \$40 = \$40

Charge fee to Deposit Account 03-3975

(Order No. 073169/0259611)

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

UNDER ORDER NO 073169/0259661

ATH-052

dup. sheet not required

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

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

2

Signature

By: Chang H. Kim

Reg. No. 42,727

Atty/Sec: DAJ:kms

TEL: (650) 233-4500

Date: April 11, 2003

FAX: (650) 233-4545

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ASSIGNMENT
of U.S. Origin Patent Application

WHEREAS, the undersigned: (1) Jeffrey M. Gilbert, Sunnyvale, California; and (2) (4) Yi-Hsiu Wang, of Taiwan, (hereinafter ASSIGNORS), have made an invention entitled, ***Post-fft Scaling to Reduce Multiple Effects*** for which an application for Letters Patent of the United States was filed in the United States Patent and Trademark Office **September 24, 2001**, under Serial No. 09/962,912; and

WHEREAS, **ATHEROS COMMUNICATIONS, INC.**, ASSIGNEE, a corporation duly organized and existing under the laws of the State of California and having its principal office and place of business at 529 Almanor Avenue, Sunnyvale, California, 94085, desires to acquire an interest therein:

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 requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives.

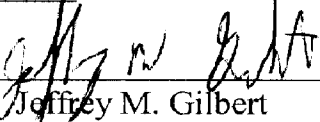
AND ASSIGNORS hereby agree to execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

ASSIGNORS furthermore agree 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.

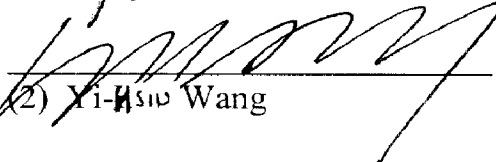
NOTE : The undersigned hereby authorizes Pillsbury Winthrop LLP, of the above address, to insert further identification necessary or desirable for recordation of this document.

Executed on the date below indicated.

Signature

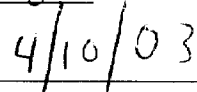


(1) Jeffrey M. Gilbert




(2) Yi-Hsiu Wang

Date Signed



4/10/03



Apr. 10, 2003