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(Rev. 6-93)

OMB No. 0651-0011(exp. 4/94)

# RECORDATION FORM C PATENTS C



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COMMERCE

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09/455492  
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy

1. Name of conveying party(ies):

Qian HUANG  
Zhu LIU

Additional name(s) of conveying party(ies) attached? ☐ Yes  
☒ No

2. Name and address of receiving party(ies):

Name: AT&T Corporation  
Internal Address:  
Street Address: 32 Avenue of the Americas  
New York, New York 10013-2412

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: November 24 and 30, 1999

4. Application number(s) or patent number(s): 09/455492

If this document is being filed together with a new application, the execution date of the application is: December 3, 1999

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached: ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Fred T. Grasso, Esq.  
Kenyon & Kenyon  
1500 K Street, N.W., Suite 700  
Washington, D.C. 20006

6. Total number of applications and patents involved: 1

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

- ☐ Enclosed  
☒ Authorized to be charged to deposit account

8. Deposit account number:

11-0600

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

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.

Fred T. Grasso (43,644)

Name of Person Signing

*Fred T. Grasso*  
Signature

December 6, 1999

Date

12/22/1999 DMGUYEN 00000216 110600 09455492

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Total number of pages comprising cover sheet: 1

OMB No. 0651-0011 (exp. 4/94) 239403

PATENT  
REEL: 010448 FRAME: 0494

## ASSIGNMENT AND AGREEMENT

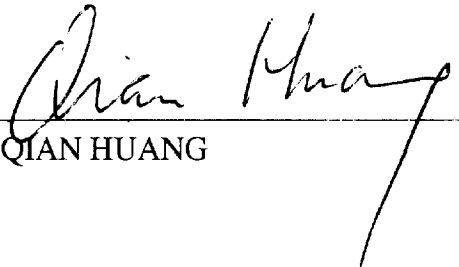
For value received, we, Qian HUANG, of Ocean in the County of Monmouth and State of New Jersey, and Zhu LIU, of Brooklyn in the Borough of Brooklyn and State of New York, hereby sell, assign and transfer to AT&T Corp., a corporation of the State of New York, having an office at 32 Avenue of the Americas, New York, New York 10013-2412, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **METHOD AND APPARATUS FOR SEGMENTING A MULTI-MEDIA PROGRAM BASED UPON AUDIO EVENTS** described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to AT&T Corp. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize AT&T Corp. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of AT&T Corp. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to AT&T Corp. in the United States and in all countries foreign to the United States, or to such nominees as AT&T Corp. may designate.

We agree that, when requested, we shall, without charge to AT&T Corp. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

  
QIAN HUANG

Date: 11/30/1999

United States of America )

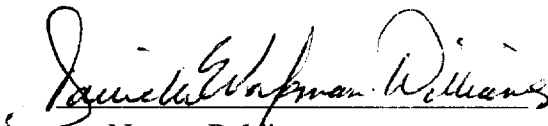
State of New Jersey )ss:

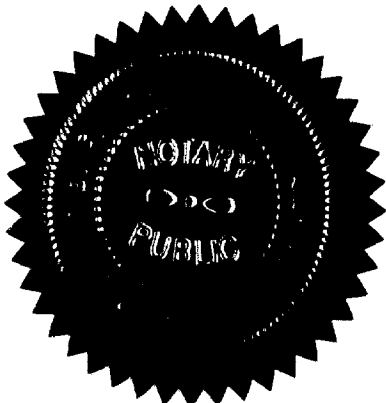
County of Monmouth )

On this 30th day of November, 19 99, before me personally came QIAN HUANG, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

**D. E. WORKMAN-WILLIAMS**

**MY COMMISSION EXPIRES**  
**05-27-2002**

  
Notary Public



Zhu Liu  
ZHU LIU

Date: 11/24/99

RE: ATTACHED  
ASSIGNMENT AND  
AGREEMENT

United States of America )

State of NY )ss:

County of KINGS )

On this 24 day of Nov., 1999, before me personally came ZHU LIU,         
       to me known to be the individual described in and who executed the foregoing instrument, and  
acknowledged execution of the same.

Yitzchok Ring  
Notary Public

YITZCHOK RING  
NOTARY PUBLIC, State of New York  
No. 01R15015201  
Qualified in Kings County  
Commission Expires July 10, 2001

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