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Form PTO-1595

(Rev. 6-93)

OMB No. 0661-0011 (exp. 4/94)

RECORD

DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Assistant Commissioner of Patents

1. Name of conveying party(ies):  
Cedric Fung LAM

101243924

Copy thereof.

2. Name and address of receiving party(ies)

Name: AT&amp;T Corp.

Internal Address: S. H. Dworetsky  
P.O. Box 4110  
Middletown, New Jersey 07748

Street Address: 32 Avenue of the Americas

City: New York State: NY ZIP: 10013-2412

Additional name(s) & address(es) attached? ☐ Yes ☒ NoAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

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

Execution Date: December 10, 1999

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: December 23, 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:

Name: James A. Oliff

Internal Address: \_\_\_\_\_

Street Address: 277 S. Washington Street, Suite 500  
Alexandria, Virginia 22314

City: Middletown State: NJ ZIP: 07748

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:

15-0461

(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.

James A. Oliff, Reg. No. 27,075  
Christine M. Hoeft, Reg. No. 41,844

Signature

December 23, 1999

Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box AssignmentsPATENT  
REEL: 010479 FRAME: 0195

## ASSIGNMENT AND AGREEMENT

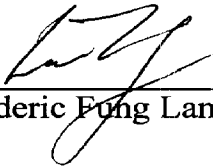
For value received, I, Cederic Fung Lam, of Middletown in the County of Monmouth and State of New Jersey, hereby sell, assign and transfer to AT&T Corp., a corporation of the State of New York, having an office at 32 Avenue of the Americas, New York, New York 10013-2412, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **METHOD AND SYSTEM FOR DELIVERING MULTI-BAND BROADCAST SERVICES IN WAVELENGTH DIVISION MULTIPLEXED PASSIVE OPTICAL NETWORKS** described in an application for Letters Patent of the United States, executed by me 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 I 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.

I 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 me, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I 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.

I 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.

I agree that, when requested, I 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.

  
Cedric Fung Lam


Date: 12/10/99

United States of America )

State of New Jersey )ss: 603-76-6247

County of Monmouth )

On this 10th day of Dec, 19 99, before me personally came Cedric Fung Lam, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public

**DEBRA S. MEYERS**  
**Notary Public of New Jersey**  
**Commission Expires 10/07/2003**