

01-21-2000

FORM PTO-1595

MRD
12.30.99



NET

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

101249286

To the Honorable Commissioner
Please record the attached original documents or copy thereof.

106675 U.S. PTO
09/475141
12/30/99

1. Name of conveying party(ies):

Fen-Chung Kung
Jesse Eugene Russell
Anish Sankalia
Spencer Wang

Additional name(s) of conveying party(ies) attached?
YES X NO

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

AT&T Corp.

Internal Address:

Street Address:

32 Avenue of the Americas

City: New York
State: New York
Zip: 10013-2412

Additional name(s) & address(es) attached?
YES X NO

3. Nature of conveyance:

X Assignment Merger

 Security Agreement Change of Name

 Other _____

Execution Date: December 21, 23 & 27, 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 21, 23 & 27, 1999

A. Patent Application No.(s):
(include series code or filing date)

09/475141

Additional application or patent numbers attached? YES X NO

B. Patent No.(s):

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Samuel H. Dworetsky - AT&T Corp.
Address: P.O. Box 4110
City: Middletown
State: New Jersey Zip: 07748

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41) \$ 40.00
X Enclosed Authorized to charge Deposit Account 19-0733

8. Should any fee adjustment be necessary to effect proper recordation, please debit or credit our Deposit Account No. 19-0733, as necessary.

DO NOT USE THIS SPACE

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.

Thomas H. Jackson, Reg. No. 29,808
Name of Person Signing

Thomas H. Jackson
Signature

December 30, 1999
Date

Atty. Docket No.: 3493.82512

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IDS 1999-0353

Total number of pages including cover sheet, attachments and documents

PATENT
REEL: 010491 FRAME: 0312

ASSIGNMENT AND AGREEMENT

FK

For value received, we, Fen-Chung-Kung, of Bridgewater in the County of Somerset and State of New Jersey, Jesse Eugene Russell of Piscataway in the County of Middlesex and State of New Jersey, Anish Sankalia, of Iselin in the County of Middlesex and State of New Jersey and Spencer Wang, of Parsippany in the County of Morris 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 **Broadband Cable Telephony Network Architecture IP ITN Network Architecture Reference Model**, described in an application for Letters Patent of the United States, 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 applications 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.

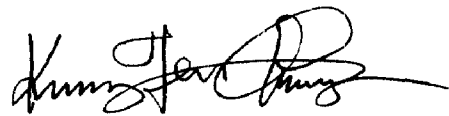
We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of AT&T Corp. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right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

PATENT

| REEL: 010491 FRAME: 0313



Fen-Chung-Kung

FK

Date: 12/21/99

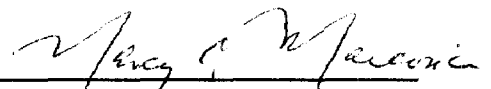
United States of America)

State of New Jersey) ss:

County of Morris)

On this 21st day of December, 1999, before me personally came Fen-Chung-Kung, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

FK



Notary Public

NANDY C. MARCOVICI
NOTARY PUBLIC OF NEW JERSEY, USA
Morris County
Commission Expires July 15, 2001

Jesse Eugene Russell
Jesse Eugene Russell

Date: 12/23/99

United States of America)

State of New Jersey) ss:

County of Morris)

On this 23rd day of December, 1999, before me personally came Jesse Eugene Russell, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Nancy E. Macaulay
Notary Public

NANCY E. MACAULAY
NOTARY PUBLIC
My Commission Expires July 15, 2001

Anish Sankalia
Anish Sankalia

Date: Dec 27, 1999.

United States of America)

State of New Jersey) ss:

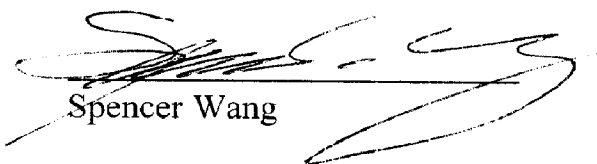
County of Morris)

On this 27th day of December, 1999, before me personally came Anish Sankalia, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Money & Maurer
Notary Public

NOTARY PUBLIC
STATE OF NEW JERSEY
My Comm. Expires 12/31/2001

Date: 12/21/99

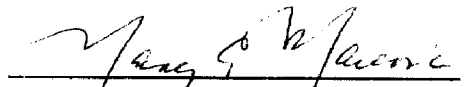

Spencer Wang

United States of America)

State of New Jersey) ss:

County of Morris)

On this 21st day of December, 1999, before me personally came Spencer Wang, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

NANDY G. MARCOWSKI
NOTARY PUBLIC OF NEW JERSEY, USA
2000-12-21 10:17:00 AM
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