

01-08-2002

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027

U.S. Department of Commerce
Patent and Trademark Office
PATENT

12/27/01



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ASSIGNMENT FORM COVER SHEET
PATENTS ONLY

10/026888
12/27/01

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Submission Type

New

Resubmission (Non-Recordation)
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Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other _____

U.S. Government
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Departmental File Secret File

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Name (line 1) Execution Date
Month Day Year

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10/026888

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01 FC:581 40.00 CH

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REEL: 012416 FRAME: 0988

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Area Code and Telephone Number

(202) 508-9100

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Pages

Enter the total number of pages of the attached conveyance document including any attachments

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Application Number(s) or Patent Number(s)

Mark if additional numbers attached.

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number as not been assigned.

PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>
PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

Number of Properties

Enter the total number of properties involved.

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Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$

Method of Payment:

Enclosed

Deposit Account

Deposit Account

Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

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Authorization to charge additional fees:

Yes

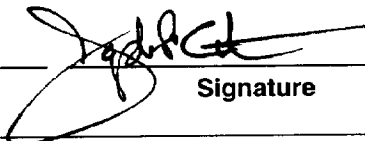
No

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. Charges to deposit account are authorized, as indicated herein.

Joseph P. Curtin, Reg. No. 34,571

Name of Person Signing



Signature

December 27, 2001

Date

**RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY**

U.S. Department of Commerce
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PATENT

Conveying Party(ies)

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Enter additional Conveying Parties

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

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Enter additional Receiving Party(ies)

Name (line 1)

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Address (line 3)

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Name (line 2)

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36679 U.S. PTO
10/026888
12/27/01

ASSIGNMENT AND AGREEMENT

For value received, each of the undersigned, Mark D. Feuer of Colts Neck in the County of Monmouth and State of New Jersey; Nicholas J. Frigo of Red Bank in the County of Monmouth and State of New Jersey, and Cedric F. Lam of Middletown in the County of Monmouth and State of New Jersey hereby sells, assigns and transfers 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, United States of America, and its successors, assignees and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to

DELIVERING MULTICAST SERVICES ON A WAVELENGTH DIVISION MULTIPLEXED NETWORK USING A CONFIGURABLE FOUR-PORT WAVELENGTH SELECTIVE CROSSBAR SWITCH

described in an application for Letters Patent of the United States of America,

for which an application for a United States Patent was executed on 12/15/01

for which an application for a United States Patent was filed on _____ Application Number _____,

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 the undersigned 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.

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

The undersigned 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.

The undersigned 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.

The undersigned agree that, when requested, the undersigned 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.

Mark D. Feuer
Mark D. Feuer

Date: 12/15/01

United States of America)

State of NEW JERSEY) ss:

County of MONMOUTH)

On this 15TH day of DECEMBER, 2001, before me personally came Mark D. Feuer, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Richard L. Cheben
Notary Public

RICHARD L. CHEBEN
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires December 6, 2005
ID. # 2270262

Nicholas J. Frigo
Nicholas J. Frigo

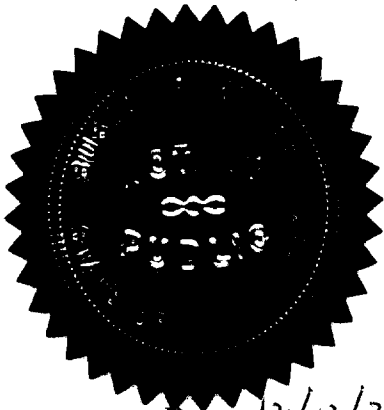
Date: 12/12/2001

United States of America)

State of NEW JERSEY) ss:

County of MONMOUTH)

On this 12th day of DECEMBER, 2001, before me personally came Nicholas J. Frigo, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Susann R. Miller
Notary Public

Susann R Miller
Notary Public of New Jersey
My Commission Expires 07 23 2004

Cedric F. Lam
Cedric F. Lam

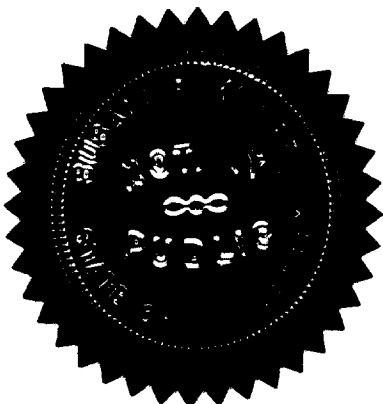
Date: 12/12/2001

United States of America)

State of NEW JERSEY) ss:

County of MONMOUTH)

On this 12th day of DECEMBER, 2001, before me personally came Cedric F. Lam, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Susann R. Miller
Notary Public

Susann R Miller
Notary Public of New Jersey
My Commission Expires 07 23 2004