

Patent Number: 113279

06-09-1999

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U.S. Department of Commerce
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JCS11 U.S. PTO
09/321027
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Name (line 1)	Ash, Gerald Richard	Execution Date MMDDYYYY 05/21/1999
Name (line 2)		

Second Party

Name (line 1)	Chen, Jiayu	Execution Date MMDDYYYY 05/21/1999
Name (line 2)		

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Name (line 1)	AT&T Corp.	<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)
Name (line 2)		
Address (line 1)	AT&T Corp.	
Address (line 2)	32 Avenue of the Americas, New York 10013-2412	
Address (line 3)	United States of America	
	City, State/Country Zip Code	

Domestic Representative Name and Address Enter for the first Receiving Party only.

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Docket Number: 113279

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PATENT**CORRESPONDENCE ADDRESS** Customer Number or Bar Code Label

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or Correspondence address below

NAME	Samuel H. Dworesky				
ADDRESS	AT&T CORP. P.O. Box 4110				
CITY	Middletown	STATE	New Jersey	ZIP CODE	07748-4801
COUNTRY	United States of America			FAX	732-957-5505

Pages Enter the total number of pages of the attached conveyance document # 9
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Application Number(s) or Patent Number(s) Mark if additional numbers are 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)

If this document is being filed with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year
05/21/1999

Patent Cooperation Treaty (PCT)

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

Number of Properties

Enter the total number of properties involved. # 1

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$40.00

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Deposit Account

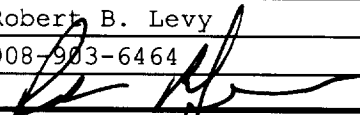
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STATEMENT AND SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

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.

NAME	Robert B. Levy		
TELEPHONE	908-903-6464		
SIGNATURE		DATE	5/26/99

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: 05-27-1999

Type or Printed Name	Arlene Jende		
Signature		Date	05-27-99

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PATENT
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Docket Number: 113279

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05/21/99
05/27/99

Conveying Party(ies)

Enter Additional Conveying Parties

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Name (line 1)	Fishman, Saul Daniel	Execution Date MMDDYYYY 05/24/1999
Name (line 2)		
Name (line 1)	Maunder, Anurag S.	Execution Date MMDDYYYY 05/21/1999
Name (line 2)		
Name (line 1)		Execution Date MMDDYYYY
Name (line 2)		

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	City, State/Country Zip Code	
<input type="checkbox"/> Mark if additional names of receiving parties attached		
Name (line 1)		<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)
Name (line 2)		
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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)

**PATENT
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ASSIGNMENT AND AGREEMENT

For value received, each of the undersigned, Gerald Richard Ash of West Long Branch in the County of Monmouth County and State of New Jersey, Jiayu Chen of Morganville in the County of Monmouth County and State of New Jersey, Saul Daniel Fishman of Edison in the County of Middlesex County and State of New Jersey, and Anurag S. Maunder of Scotch Plains in the County of Union County 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 AT&T Corp., 32 Avenue of the Americas, New York 10013-2412, United States of America, 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

Internet-Protocol (IP) Class-of-Service Routing Technique

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

for which an application for a United States Patent was executed on even date herewith
 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. they 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.

Gerald Richard Ash
Gerald Richard Ash

Date: May 21, 1999

United States of America)

State of N.J.) ss.: Middleton

County of Monmouth)

On this 21 day of May, 1999 before me personally came Gerald Richard Ash, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Alice M. Golden
Notary Public

AT&T CORP.
P.O. Box 4110
Middletown, New Jersey 07748-4801

Alice M. Golden
NOTARY PUBLIC, STATE OF N.J.
My Commission Expires March 14, 2000

Chen Ji

Jiayu Chen

Date: 5/21/99

United States of America)
State of New Jersey) ss.:
County of Monmouth.)

On this 21 day of May, 1999 before me personally came Jiayu Chen, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Angela F Smith

Notary Public

AT&T CORP.
P.O. Box 4110
Middletown, New Jersey 07748-4801

**ANGELA F. SMITH
NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES
MARCH 6, 2002**

Saul Daniel Fishman

Saul Daniel Fishman

Date: May 24, 1999

United States of America)

State of New Jersey) ss.:

County of Monmouth)

On this 24th day of May, 1999 before me personally came Saul Daniel Fishman, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Angela F. Smith

Notary Public

AT&T CORP.
P.O. Box 4110
Middletown, New Jersey 07748-4801

**ANGELA F. SMITH
NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES
MARCH 6, 2002**

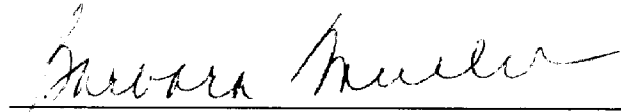


Anurag S. Maunder

Date: 05/21/99

United States of America)
State of New Jersey) ss.:
County of Monmouth)

On this 21 day of May, 99 before me personally came Anurag S. Maunder, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

BARBARA MULLER
NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES MARCH 6, 2001

AT&T CORP.
P.O. Box 4110
Middletown, New Jersey 07748-4801