

10-07-1999

Jocket Number:

113475 -  
2685/113475U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

101163527

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## Conveying Party(ies)

☒ Mark if additional names of conveying parties attached

Name (line 1) Kalmanek Jr., Charles Robert

Name (line 2)

Execution Date

MMDDYYYY

09/23/1999

## Second Party

Name (line 1) Marshall, William Todd

Name (line 2)

Execution Date

MMDDYYYY

09/23/1999

## Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) AT&amp;T Corp.

Name (line 2)

Address (line 1) AT&amp;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

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10/05/1999 DNGUYEN 00000341 012745 09366676

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40.00 CH

Mail documents to be recorded with required cover sheet(s) information to:  
 Assistant Commissioner for Patents, Box Assignments, Washington, D.C. 20231

**PATENT**  
**REEL: 010283 FRAME: 0047**

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113475 -  
2685/113475

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

## CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

NAME	Samuel H. Dworetsky				
ADDRESS	AT&T CORP. P.O. Box 4110				
CITY	Middletown	STATE	New Jersey	ZIP CODE	07748-4110
COUNTRY	United States of America	FAX	732-368-6932		

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

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)
09/366,676	

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

## 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

Method of Payment :

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Deposit Account


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

Deposit Account Number: 01-2745

Authorization to charge additional fees: ☒ Yes ☐ No

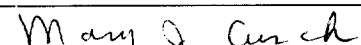
## STATEMENT AND SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

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	Benjamin S. Lee		
TELEPHONE	973-360-8117		
SIGNATURE		DATE	9/30/99

## 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: 9/30/99

Type or Printed Name	Mary J. Curch		
Signature		Date	9/30/99

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**PATENT**  
**REEL: 010283 FRAME: 0048**

**Docket Number:**113475 -  
2685/113475**RECORDATION FORM COVER SHEET  
CONTINUATION  
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Patent and Trademark Office  
**PATENT****Conveying Party(ies)**☐ Mark if additional names of conveying parties attached*Enter Additional Conveying Parties*

Name (line 1)	Mishra, Partho Pratim	Execution Date MMDDYYYY 09/22/1999
Name (line 2)		
Name (line 1)	Nortz, Douglas M	Execution Date MMDDYYYY 09/23/1999
Name (line 2)		
Name (line 1)	Ranakrishnan, Kadangode K.	Execution Date MMDDYYYY 09/23/1999
Name (line 2)		

**Receiving Party**☐ 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)		
Address (line 1)		
Address (line 2)		
Address (line 3)		
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)		
Address (line 1)		
Address (line 2)		
Address (line 3)		
City, State/Country Zip Code		

**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)

## ASSIGNMENT AND AGREEMENT

For value received, each of the undersigned, Charles Robert Kalmanek Jr. of Short Hills in the County of Essex County and State of New Jersey, William Todd Marshall of Chatham in the County of Morris County and State of New Jersey, Partho Pratim Mishra of Summit in the County of Union County and State of New Jersey, Douglas M Nortz of Red Bank in the County of Monmouth County and State of New Jersey, and Kadangode K. Ramakrishnan of Berkeley Heights 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, assignees and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to

**Method For Exchanging Signaling Messages In Two Phases**

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 \_\_\_\_\_

☒ for which an application for a United States Patent was filed on 08/04/1999 Application Number 09/366676,

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.

**PATENT**

**[REEL: 010283 FRAME: 0051**

*Charles Robert Kalmanek Jr.*

Charles Robert Kalmanek Jr.

Date: 9/23/99

United States of America )

State of NJ ) ss.:

County of Morris )

On this 23 day of September, 1999, before me personally came Charles Robert Kalmanek Jr., to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

*[Signature]*  
D.C. WRIGHT  
NOTARY PUBLIC OF NEW JERSEY  
My Comm. Expires Oct. 18, 1999  
Notary Public


AT&T CORP.

P.O. Box 4110

Middletown, New Jersey 07748-4110

PATENT

REEL: 010283 FRAME: 0052

  
\_\_\_\_\_  
William Todd Marshall

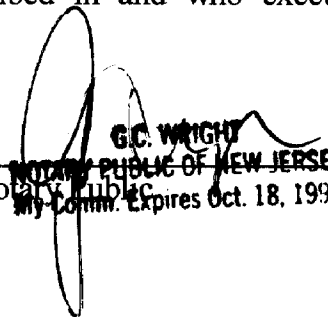
Date: 9/23/99

United States of America )

State of NJ ) ss.:

County of Morris )

On this 23 day of September, 1999 before me personally came William Todd Marshall, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
\_\_\_\_\_  
G.C. WRIGHT  
NOTARY PUBLIC OF NEW JERSEY  
My Comm. Expires Oct. 18, 1999

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

*Partho Pratim Mishra*

Partho Pratim Mishra

Date: 1-22-99

United States of America )

State of N.J. ) ss.:

County of Morris )

On this 22 day of September, 1999 before me personally came Partho Pratim Mishra, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

*G.C. Wright*  
NOTARY PUBLIC OF NEW JERSEY  
My Comm. Expires Oct. 18, 1999  
Notary Public

AT&T CORP.

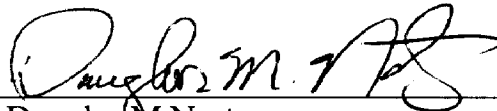
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Middletown, New Jersey 07748-4110

PATENT

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\_\_\_\_\_  
Douglas M Nortz

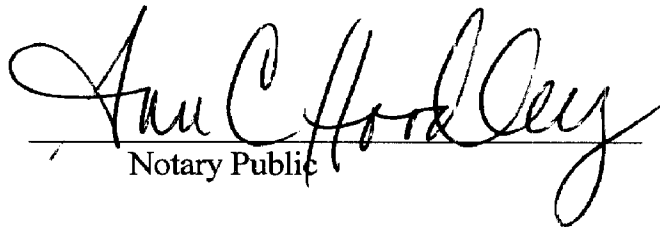
Date: 9/23/99

United States of America )

State of N.J. ) ss.:

County of Mumfordsburg )

On this 23rd day of Sept, 1999 before me personally came Douglas M Nortz, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
\_\_\_\_\_  
Notary Public

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

ANN C. HOADLEY  
Notary Public of New Jersey  
My Commission Expires  
April 28, 2004

PATENT

REEL: 010283 FRAME: 0055

  
Kadangode K. Ramakrishnan

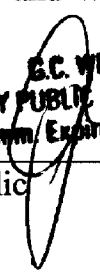
Date: 9/23/99

United States of America )

State of NT ) ss.:

County of Morris )

On this 23 day of September, 1999 before me personally came Kadangode K. Ramakrishnan, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
E.C. WRIGHT  
NOTARY PUBLIC OF NEW JERSEY  
My Comm. Expires Oct. 18, 1999

\_\_\_\_\_  
Notary Public

AT&T CORP.

P.O. Box 4110

Middletown, New Jersey 07748-4110