

Docket Number:

2002-0174

U.S. Department of Commerce
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PATENT

12-30-2003



102634125

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Conveying Party(ies)

☒ Mark if additional names of conveying parties attached

Name (line 1) Duffield, Nicholas G.

Name (line 2)

Execution Date

MMDDYYYY

12/02/2003

Second Party

Name (line 1) Greenberg, Albert Gordon

Name (line 2)

Execution Date

MMDDYYYY

11/24/2003

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) AT&T Corp.

Name (line 2)

Address (line 1) 32 Avenue of the Americas

Address (line 2) New York, New York 10013-2412

Address (line 3) United States of America

City, State/Country Zip Code

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PATENT

REEL: 014823 FRAME: 0783

Docket Number:

2002-0174

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Conveying Party(ies)☐ Mark if additional names of conveying parties attached*Enter Additional Conveying Parties*

Name (line 1)	Klincewicz, John G.	Execution Date MMDDYYYY
Name (line 2)		11/19/2003
Name (line 1)	Roughan, Matthew	Execution Date MMDDYYYY
Name (line 2)		12/08/2003
Name (line 1)	Zhang, Yin	Execution Date MMDDYYYY
Name (line 2)		12/03/2003

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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)
10/627767	

PATENT
REEL: 014823 FRAME: 0784

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

CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

Customer Number - 26652

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 # 7
including any attachments

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Patent Application Number(s)

Patent Number(s)

10/627767

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
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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

(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

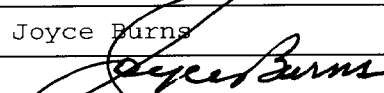
STATEMENT AND SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

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	Samuel H. Dworetsky		
TELEPHONE	908-532-1855		
SIGNATURE			DATE 12/18/2003

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: Mail Stop Assignment Recordation Services, Director - U. S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: 12/18/2003

Type or Printed Name	Joyce Burns
Signature	
Date	12/18/2003

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PATENT
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ASSIGNMENT AND AGREEMENT

For value received, each of the undersigned, Nicholas G. Duffield of New York in the County of New York and State of New York, Albert Gordon Greenberg of Summit in the County of Union and State of New Jersey, John G. Klinecicz of Wayside in the County of Monmouth and State of New Jersey, Matthew Roughan of Morristown in the County of Morris and State of New Jersey, and Yin Zhang of Lake Hiawatha in the County of Morris 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

Traffic Matrix Estimation Method And Apparatus

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

☐ for which an application for a United States Patent was executed by each of the undersigned of even date herewith or

☒ for which an application for a United States Patent was filed on 07/25/2003 Application Number 10/627767

☒ and based on our prior provisional application for a United States Patent filed on 07/25/2002 Application Number 60/398474

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.

Nicholas G. Duffield
Nicholas G. Duffield

Date: 12/2/03

United States of America)

State of New Jersey) ss.:

County of Warren)

On this 2nd day of December, 2003 before me personally came Nicholas G. Duffield, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Robin J. Badders
Notary Public

AT&T CORP.

P.O. Box 4110

Middletown, New Jersey 07748-4110

ROBIN J. BADDERS
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 11/30/2008

PATENT

REEL: 014823 FRAME: 0788

Albert Gordon Greenberg
Albert Gordon Greenberg

Date: 11/24/03

United States of America)

State of New Jersey) ss.:

County of Morris)

On this 24 day of November, 2003 before me personally came Albert Gordon Greenberg, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Robin J. Badders
Notary Public

AT&T CORP.

P.O. Box 4110

Middletown, New Jersey 07748-4110

ROBIN J. BADDERS
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 11/30/2008

PATENT

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John G. Klineciewicz

Date: 11/19/03

United States of America)

State of New Jersey) ss.:

County of Monmouth)

On this 19 day of November, 2003 before me personally came John G. Klineciewicz, 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

LAURA BLACK
Notary Public of New Jersey
My Commission Expires 3/1/2005


Matthew Roughan

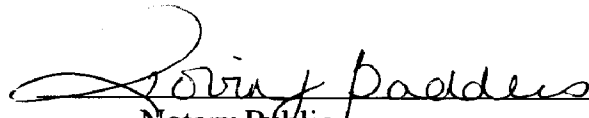
Date: 8th Dec 2003

United States of America)

State of New Jersey) ss.:

County of Warren)

On this 8 day of December, 2003 before me personally came Matthew Roughan, 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

ROBIN J. BADDERS
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 11/30/2008



Yin Zhang

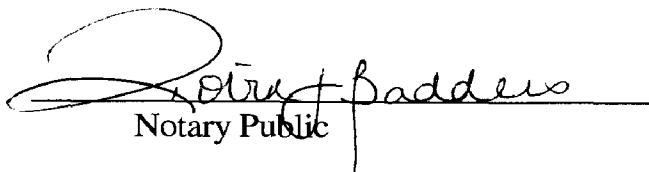
Date: 12/3/2003

United States of America)

State of New Jersey) ss.:

County of Warren)

On this 3 day of December, 2003 before me personally came Yin Zhang, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

ROBIN J. BADDERS
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 11/30/2008

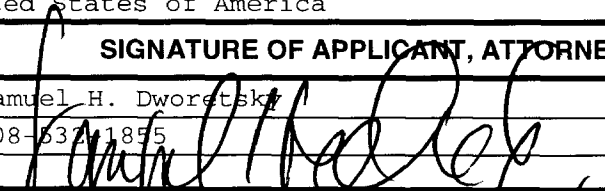
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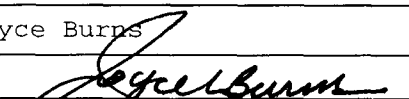
P.O. Box 4110

Middletown, New Jersey 07748-4110

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/627767	
	Filing Date	07/25/2003	
	First Named Inventor	Nicholas G. Duffield et al.	
	Group Art Unit	2857	
	Examiner Name	Not Yet Assigned	
Total Number of Pages in this Submission		Attorney Docket Number	2002-0174

Enclosures (check all that apply)		
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Remarks		

CORRESPONDENCE ADDRESS					
<input checked="" type="checkbox"/> Customer Number or Bar Code Label		Customer Number - 26652		or <input type="checkbox"/> 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
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED					
NAME	Samuel H. Dworetsky			Reg. #	27873
TELEPHONE	908-632-1855				
SIGNATURE				DATE	12/18/2003

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Type or Printed Name	Joyce Burns		
Signature			Date
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