

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Joseph Golan</td> <td>10/25/2001</td> </tr> <tr> <td>Danielle Liu</td> <td>10/26/2001</td> </tr> <tr> <td>Joseph Thomas O'Neil</td> <td>10/25/2001</td> </tr> </tbody> </table>		Name	Execution Date	Joseph Golan	10/25/2001	Danielle Liu	10/26/2001	Joseph Thomas O'Neil	10/25/2001
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Joseph Golan	10/25/2001								
Danielle Liu	10/26/2001								
Joseph Thomas O'Neil	10/25/2001								
RECEIVING PARTY DATA									
Name:	AT&T CORP.								
Street Address:	32 AVENUE OF THE AMERICAS								
City:	NEW YORK								
State/Country:	NEW YORK								
Postal Code:	10013								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12647528</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12647528				
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Application Number:	12647528								
CORRESPONDENCE DATA									
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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ATTORNEY DOCKET NUMBER:	ATT/2001-0203ACON1								
NAME OF SUBMITTER:	Kin-Wah Tong								

Total Attachments: 4
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ASSIGNMENT AND AGREEMENT

For value received, each of the undersigned, Joseph Golan of Ocean in the County of Monmouth and State of New Jersey, Danielle Liu of Holmdel in the County of Monmouth and State of New Jersey, and Joseph Thomas O'Neil of Staten Island in the County of Richmond and State of New York, 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 Computation For Packet Networks

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 10/25/2001 and 10/26/2001

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.

Attorney Docket Number: 2001-0203A

Joseph Golan

Joseph Golan

Date: 10/25/01

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

On this 25th day of October, 2001 before me personally came Joseph Golan, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Ann E. Taylor

Notary Public

ANN E. TAYLOR
NOTARY PUBLIC OF NEW JERSEY, USA
REGISTERED IN OCEAN COUNTY
MY COMMISSION EXPIRES AUGUST 7, 2002

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

Danielle Liu

Danielle Liu

Date: 10/26/01

United States of America)

State of New Jersey) ss.:

County of Monmouth)

On this 26th day of October, 2001 before me personally came Danielle Liu, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Ann E. Taylor

Notary Public

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

ANN E. TAYLOR
NOTARY PUBLIC OF NEW JERSEY, USA
RESIDED IN OCEAN COUNTY
MY COMMISSION EXPIRES AUGUST 7, 2002

Joseph Thomas O'Neil
Joseph Thomas O'Neil

Date: 10/25/01

United States of America)

State of New Jersey) ss.:

County of Morris)

On this 25th day of October, 2001 before me personally came Joseph Thomas O'Neil, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Ann E. Taylor
Notary Public

ANN E. TAYLOR
NOTARY PUBLIC OF NEW JERSEY, USA
REGISTERED IN OCEAN COUNTY
MY COMMISSION EXPIRES AUGUST 7, 2002

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