

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

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>Farhad Barzegar</td><td>02/04/2003</td></tr><tr><td>Irwin Gerszberg</td><td>02/04/2003</td></tr><tr><td>Thomas W. Hill Jr.</td><td>02/04/2003</td></tr><tr><td>Scott Joseph Mollica</td><td>02/04/2003</td></tr></tbody></table>		Name	Execution Date	Farhad Barzegar	02/04/2003	Irwin Gerszberg	02/04/2003	Thomas W. Hill Jr.	02/04/2003	Scott Joseph Mollica	02/04/2003
Name	Execution Date										
Farhad Barzegar	02/04/2003										
Irwin Gerszberg	02/04/2003										
Thomas W. Hill Jr.	02/04/2003										
Scott Joseph Mollica	02/04/2003										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>AT&T Corp.</td></tr><tr><td>Street Address:</td><td>32 Avenue of the Americas</td></tr><tr><td>City:</td><td>New York</td></tr><tr><td>State/Country:</td><td>NEW YORK</td></tr><tr><td>Postal Code:</td><td>10013-2412</td></tr></table>		Name:	AT&T Corp.	Street Address:	32 Avenue of the Americas	City:	New York	State/Country:	NEW YORK	Postal Code:	10013-2412
Name:	AT&T Corp.										
Street Address:	32 Avenue of the Americas										
City:	New York										
State/Country:	NEW YORK										
Postal Code:	10013-2412										
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>12501927</td></tr></tbody></table>		Property Type	Number	Application Number:	12501927						
Property Type	Number										
Application Number:	12501927										
CORRESPONDENCE DATA											
Fax Number: (732)542-2283 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 732-542-2280											
Email: tcarter@walltong.com											
Correspondent Name: John Sherman											
Address Line 1: One AT&T Way											
Address Line 2: Room 2A-207											
Address Line 4: Bedminster, NEW JERSEY 07921											
ATTORNEY DOCKET NUMBER:	ATT/2002-0402CON										
NAME OF SUBMITTER:	Kin-Wah Tong										
Total Attachments: 12											

501594532

PATENT
REEL: 026590 FRAME: 0277

OP \$40.00 12501927

source=ATT_20020402CON_EASGN#page1.tif
source=ATT_20020402CON_EASGN#page2.tif
source=ATT_20020402CON_EASGN#page3.tif
source=ATT_20020402CON_EASGN#page4.tif
source=ATT_20020402CON_EASGN#page5.tif
source=ATT_20020402CON_EASGN#page6.tif
source=ATT_20020402CON_EASGN#page7.tif
source=ATT_20020402CON_EASGN#page8.tif
source=ATT_20020402CON_EASGN#page9.tif
source=ATT_20020402CON_EASGN#page10.tif
source=ATT_20020402CON_EASGN#page11.tif
source=ATT_20020402CON_EASGN#page12.tif

ASSIGNMENT AND AGREEMENT

For value received, each of the undersigned, Farhad Barzegar of Branchburg in the County of Somerset and State of New Jersey, Irwin Gerszberg of Kendall Park in the County of Middlesex and State of New Jersey, Thomas W. Hill, Jr. of Succasunna in the County of Morris and State of New Jersey, and Scott Joseph Mollica of Red Bank 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

Electronic Loop Provisioning

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 01/08/2003 Application Number 10/248320

☐ and based on our prior provisional application for a United States Patent 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.

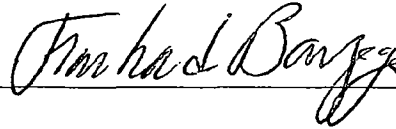
The undersigned authorize AT&T Corp. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization 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.

Farhad Barzegar



Date: 2-4-2003

United States of America

)

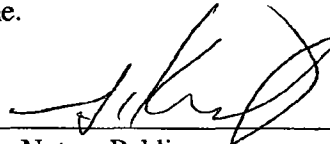
State of

) ss.:

County of

)

On this 4 day of Feb, 2003 before me personally came Farhad Barzegar, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



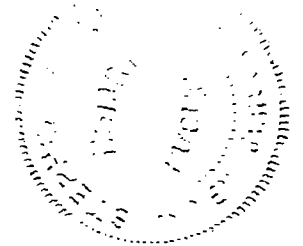
Notary Public

AT&T CORP.

P.O. Box 4110

Middletown, New Jersey 07748-4110

STEPHEN A. KURTZ
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 6/24/2007



ASSIGNMENT AND AGREEMENT

For value received, each of the undersigned, Farhad Barzegar of Branchburg in the County of Somerset and State of New Jersey, Irwin Gerszberg of Kendall Park in the County of Middlesex and State of New Jersey, Thomas W. Hill, Jr. of Succasunna in the County of Morris and State of New Jersey, and Scott Joseph Mollica of Red Bank 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

Electronic Loop Provisioning

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 01/08/2003 Application Number 10/248320

☐ and based on our prior provisional application for a United States Patent 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.



Irwin Gerszberg

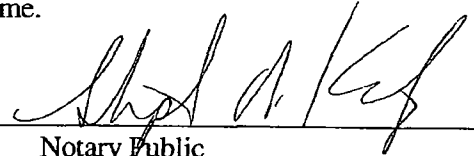
Date: 2-4-03

United States of America)

State of) ss.:

County of)

On this 4 day of Feb, 2003 before me personally came Irwin Gerszberg, 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



STEPHEN A. KURTZ
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 6/24/2007

ASSIGNMENT AND AGREEMENT

For value received, each of the undersigned, Farhad Barzegar of Branchburg in the County of Somerset and State of New Jersey, Irwin Gerszberg of Kendall Park in the County of Middlesex and State of New Jersey, Thomas W. Hill, Jr. of Succasunna in the County of Morris and State of New Jersey, and Scott Joseph Mollica of Red Bank 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

Electronic Loop Provisioning

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 01/08/2003 Application Number 10/248320

☐ and based on our prior provisional application for a United States Patent 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.

Thomas W. Hill, Jr.
Thomas W. Hill, Jr.

Date: 2-4-03

United States of America)

State of) ss.:

County of)

On this 4 day of Feb, 2003 before me personally came Thomas W. Hill, Jr., to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

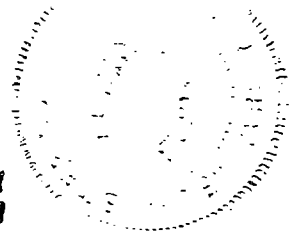
Stephen A. Kurtz
Notary Public

AT&T CORP.

P.O. Box 4110

Middletown, New Jersey 07748-4110

STEPHEN A. KURTZ
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 6/24/2007



ASSIGNMENT AND AGREEMENT

For value received, each of the undersigned, Farhad Barzegar of Branchburg in the County of Somerset and State of New Jersey, Irwin Gerszberg of Kendall Park in the County of Middlesex and State of New Jersey, Thomas W. Hill, Jr. of Succasunna in the County of Morris and State of New Jersey, and Scott Joseph Mollica of Red Bank 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

Electronic Loop Provisioning

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 01/08/2003 Application Number 10/248320

☐ and based on our prior provisional application for a United States Patent filed on _____ Application Number _____

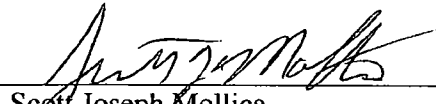
and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and the undersigned also concurrently hereby sell, assign and transfer to AT&T Corp. the entire right, title and interest in and to said inventions 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.



Scott Joseph Mollica


Date: 2-4-07

United States of America)

State of) ss.:

County of)

On this 4 day of Feb, 2007 before me personally came Scott Joseph Mollica, 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


STEPHEN A. KURTZ
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 6/24/2007