

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

|                       |                |
|-----------------------|----------------|
| SUBMISSION TYPE:      | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

**CONVEYING PARTY DATA**

| Name                         | Execution Date |
|------------------------------|----------------|
| Bhavesh N. Desai             | 08/02/2001     |
| Nemmara K. Shankaranarayanan | 08/02/2001     |
| David Hilton Shur            | 08/02/2001     |
| Aleksandra Smiljanic         | 08/02/2001     |
| Todd J. Totland              | 08/02/2001     |
| Jacobus E. van der Merwe     | 08/06/2001     |
| Sheryl Leigh Woodward        | 08/02/2001     |

**RECEIVING PARTY DATA**

|                 |                           |
|-----------------|---------------------------|
| Name:           | AT&T Corp.                |
| Street Address: | 32 Avenue of the Americas |
| City:           | New York                  |
| State/Country:  | NEW YORK                  |
| Postal Code:    | 10013-2412                |

**PROPERTY NUMBERS Total: 2**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 12766089 |
| Application Number: | 12766085 |

**CORRESPONDENCE DATA**

Fax Number: (512)327-5575  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Email: emeyer@tgiplaw.com  
 Correspondent Name: Toler Law Group, I.P.  
 Address Line 1: 8500 Bluffstone Cove  
 Address Line 2: Suite A201  
 Address Line 4: Austin, TEXAS 78759

|  |                    |
|--|--------------------|
| ATTORNEY DOCKET NUMBER:  | 2000-0559A-2C & 3C |
| NAME OF SUBMITTER:   | Emma Meyer         |
| Total Attachments: 8<br>source=Assignment#page1.tif<br>source=Assignment#page2.tif<br>source=Assignment#page3.tif<br>source=Assignment#page4.tif<br>source=Assignment#page5.tif<br>source=Assignment#page6.tif<br>source=Assignment#page7.tif<br>source=Assignment#page8.tif |                    |

## ASSIGNMENT AND AGREEMENT

For value received, I, Bhavesh N. Desai of Livingston in the County of Essex and State of New Jersey, Nemmara K. Shankaranarayanan of Bridgewater in the County of Somerset and State of New Jersey, David Hilton Shur of Holmdel in the County of Monmouth and State of New Jersey, Aleksandra Smiljanic of Atlantic Highlands in the County of Monmouth and State of New Jersey, Todd J. Totland of Lincroft in the County of Monmouth and State of New Jersey, Jacobus E. van der Merwe of Summit in the County of Union and State of New Jersey and Sheryl Leigh Woodward of Holmdel in the County of Monmouth and State of New Jersey, hereby sell, assign and transfer 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, U.S.A., 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 **Cable Data Service Method** described in an application for Letters Patent of the United States, Serial No. \_\_\_\_\_, executed by us and filed August 8, 2001, and based on our prior provisional application, Serial No. 60/275,665, filed March 14, 2001, 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 I 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.

We 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 us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We 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.

We 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.

I agree that, when requested, I 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.

State or Commonwealth of New Jersey

County: Essex County

Dated 08/02/01

Bhaves N. Desai  
Bhaves N. Desai

On this 2<sup>nd</sup> day of August, 2001, before me appeared Bhaves N. Desai, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

Susann R. Miller  
Notary Public

Susann R Miller  
Notary Public of New Jersey  
My Commission Expires 07 23 2004

State or Commonwealth of New Jersey

County: Somerset County

Dated 8/2/2001

Nemmara K. Shankaranarayanan  
Nemmara K. Shankaranarayanan

On this 2<sup>nd</sup> day of August, 2001, before me appeared Nemmara K. Shankaranarayanan, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

Susann R. Miller  
Notary Public

Susann R Miller  
Notary Public of New Jersey  
My Commission Expires 07 23 2004

State or Commonwealth of New Jersey

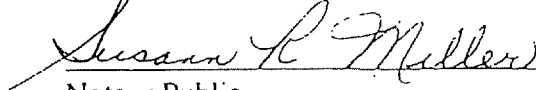
County: Monmouth County

Dated Aug 2, 2001



David Hilton Shur

On this 2<sup>nd</sup> day of August, 2001, before me appeared David Hilton Shur to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

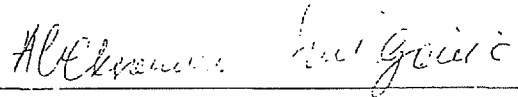
  
Notary Public

Susann R Miller  
Notary Public of New Jersey  
My Commission Expires 07 23 2004

State or Commonwealth of New Jersey

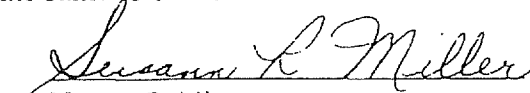
County: Monmouth County

Dated 08/02/01



Aleksandra Smiljanic

On this 2<sup>nd</sup> day of August, 2001, before me appeared Aleksandra Smiljanic, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

  
Notary Public

Susann R Miller  
Notary Public of New Jersey  
My Commission Expires 07 23 2004

State or Commonwealth of New Jersey

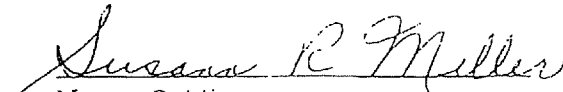
County: Monmouth County

Dated 08/02/01



Todd J. Totland

On this 2<sup>nd</sup> day of August, 2001, before me appeared Todd J. Totland, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

  
Notary Public

Susann R Miller  
Notary Public of New Jersey  
My Commission Expires 07 23 2004

State of Commonwealth of New Jersey

County: Union County

Dated: \_\_\_\_\_

\_\_\_\_\_  
Jacobus E. van der Merwe

On this \_\_\_\_\_ day of \_\_\_\_\_, 2001, before me appeared Jacobus E. van der Merwe, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

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

State of Commonwealth of New Jersey

County: Monmouth County

Dated: Aug 2, 2001

Sheryl Leigh Woodward  
Sheryl Leigh Woodward

On this 2<sup>nd</sup> day of August, 2001, before me appeared Sheryl Leigh Woodward, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

Susann R Miller  
Notary Public

Susann R Miller  
Notary Public of New Jersey  
My Commission Expires 07 23 2004

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

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## ASSIGNMENT AND AGREEMENT

For value received, I, Bhavesh N. Desai of Livingston in the County of Essex and State of New Jersey, Nemmara K. Shankaranarayanan of Bridgewater in the County of Somerset and State of New Jersey, David Hilton Shur of Holmdel in the County of Monmouth and State of New Jersey, Aleksandra Smiljanic of Atlantic Highlands in the County of Monmouth and State of New Jersey, Todd J. Totland of Lincroft in the County of Monmouth and State of New Jersey, Jacobus E. van der Merwe of New Providence in the County of Union and State of New Jersey and Sheryl Leigh Woodward of Holmdel in the County of Monmouth and State of New Jersey, hereby sell, assign and transfer 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, U.S.A., 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 **Cable Data Service Method** described in an application for Letters Patent of the United States, Serial No. \_\_\_\_\_, executed by us and filed \_\_\_\_\_, and based on our prior provisional application, Serial No. 60/275,665, filed March 14, 2001, 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 I 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.

We 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 us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We 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.

We 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.

I agree that, when requested, I 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.

State or Commonwealth of New Jersey

County: Essex County

Dated \_\_\_\_\_

\_\_\_\_\_  
Bhavesh N. Desai

On this \_\_\_\_\_ day of \_\_\_\_\_, 2001, before me appeared Bhavesh N. Desai, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

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

State or Commonwealth of New Jersey

County: Somerset County

Dated \_\_\_\_\_

\_\_\_\_\_  
Nemmara K. Shankaranarayanan

On this \_\_\_\_\_ day of \_\_\_\_\_, 2001, before me appeared Nemmara K. Shankaranarayanan, to me known and known to me as the person described in and who executed the foregoing instrument. and he/she acknowledged the same to be his/her free act and deed.

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



State or Commonwealth of New Jersey

County: Monmouth County

Dated \_\_\_\_\_

\_\_\_\_\_  
David Hilton Shur

On this \_\_\_\_\_ day of \_\_\_\_\_, 2001, before me appeared David Hilton Shur to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

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

State or Commonwealth of New Jersey

County: Monmouth County

Dated \_\_\_\_\_

\_\_\_\_\_  
Aleksandra Smiljanic

On this \_\_\_\_\_ day of \_\_\_\_\_, 2001, before me appeared Aleksandra Smiljanic, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

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

State or Commonwealth of New Jersey

County: Monmouth County

Dated \_\_\_\_\_

\_\_\_\_\_  
Todd J. Totland

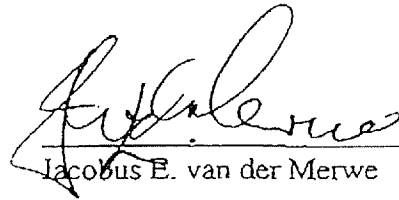
On this \_\_\_\_\_ day of \_\_\_\_\_, 2001, before me appeared Todd J. Totland, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

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

State or Commonwealth of New Jersey

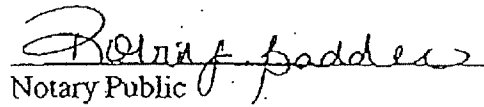
County: Union County

Dated 8/6/2001

  
\_\_\_\_\_  
Jacobus E. van der Merwe

On this 6<sup>th</sup> day of August, 2001, before me appeared Jacobus E. van der Merwe, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.



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

**ROBIN J. BADDERS**  
NOTARY PUBLIC OF NEW JERSEY  
Commission Expires 11/30/2003

State or Commonwealth of New Jersey

County: Monmouth County

Dated \_\_\_\_\_

\_\_\_\_\_  
Sheryl Leigh Woodward

On this \_\_\_\_\_ day of \_\_\_\_\_, 2001, before me appeared Sheryl Leigh Woodward, to me known and known to me as the person described in and who executed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

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

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

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