

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Joel E. Cordsmeyer</td> <td>02/18/2002</td> </tr> <tr> <td>Frederick Edwards</td> <td>02/26/2002</td> </tr> <tr> <td>Robert J. Bates</td> <td>02/27/2002</td> </tr> <tr> <td>James R. Miller</td> <td>02/26/2002</td> </tr> <tr> <td>Kenneth D. Franklin</td> <td>02/27/2002</td> </tr> </tbody> </table>		Name	Execution Date	Joel E. Cordsmeyer	02/18/2002	Frederick Edwards	02/26/2002	Robert J. Bates	02/27/2002	James R. Miller	02/26/2002	Kenneth D. Franklin	02/27/2002
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RECEIVING PARTY DATA													
Name:	BellSouth Intellectual Property Corporation												
Street Address:	824 Market Street, Suite 510												
City:	Wilmington												
State/Country:	DELAWARE												
Postal Code:	19801												
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>11515621</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11515621								
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CORRESPONDENCE DATA													
Fax Number:	(312)580-9696												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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NAME OF SUBMITTER:	Peter J. Melsa												

OP \$40.00 11515621

Total Attachments: 6

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(Pending Application;
Serial No. Known)

ASSIGNMENT

WHEREAS, we **Joel E. Cordsmeyer, Frederick Edwards, Robert J. Bates, James R. Miller, and Kenneth D. Franklin**, hereinafter referred to as the assignors, residing respectively at **1534 Drayton Woods Drive, Tucker, Georgia 30084; 653 Morgans Trace, EllenWood, Georgia 30294; 5935 Haterleigh Drive, Alpharetta, Georgia 30065; 1300 Sugar Land Court, Lawrenceville, Georgia 30043; and 6635 Polo Drive, Cumming, Georgia 30040** are the joint inventors of certain inventions or improvements for which we have made application for Letters Patent to the United States, identified as Serial No. **10/025,710**, filed **December 19, 2001**, entitled **SYSTEM AND METHOD FOR PLANNING PORTS IN DSL NETWORK ELEMENTS**; and

WHEREAS, **BellSouth Intellectual Property Corporation** hereinafter referred to as the assignee, of **824 Market Street, Suite 510, Wilmington, Delaware 19801**, a corporation of **Delaware**, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to each of us in hand paid by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to said assignee or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said

assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

AND this Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, we hereby authorize our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

2/18/02
Date
Joel E. Cordsmeyer (L.S.)
Joel E. Cordsmeyer

STATEMENT OF WITNESS

SIGNED at Jucker, Georgia (City) USA (Country)

This 18 day of FEBRUARY, 2002

I, Tanya Hinds whose full residence address is 7509 Stonebridge Bay Ct. Stone Mountain, GA 30087

was personally present and did see Joel E. Cordsmeyer execute the above assignment on the 18 day of FEBRUARY, 2002 and such assignor is personally known to me to be the person described in such document.

Tanya Hinds
Signature of Witness
- 2 -

2-26-02
Date

Frederick E. Edwards (L.S.)
Frederick Edwards

STATEMENT OF WITNESS

SIGNED at Tucker GA USA
(City) (Country)

This 26 day of February, 2002.

I, Christopher Drew whose full
residence address is 5955 Haterleigh Drive
Alpharetta GA

was personally present and did see **Frederick Edwards** execute the above assignment on the
26 day of February, 2002 and such assignor is personally known to me to be
the person described in such document.

[Signature]
Signature of Witness

2/27/02
Date Robert J. Bates (L.S.)

STATEMENT OF WITNESS

SIGNED at Atlanta GA (City) USA (Country)

This 27 day of February, 2002.

I, Christopher Drew whose full
residence address is 3955 Haterleigh Dr.
Alpharetta GA 3005

was personally present and did see Robert J. Bates execute the above assignment on the 27
day of February, 2002, and such assignor is personally known to me to be the
person described in such document.

[Signature]
Signature of Witness

2/26/02
Date

James R. Miller (L.S.)
James R. Miller

STATEMENT OF WITNESS

SIGNED at Tucker GA (City) USA (Country)

This 26 day of February, 2002.

I, Christopher Drew whose full

residence address is ~~5955~~ 5955 Haverleigh Drive
Alpharetta GA 30005

was personally present and did see James R. Miller execute the above assignment on the 26 day of February, 2002, and such assignor is personally known to me to be the person described in such document.

[Signature]
Signature of Witness

2/23/02
Date

Kenneth D. Franklin (L.S.)
Kenneth D. Franklin

STATEMENT OF WITNESS

SIGNED at Atlanta GA USA
(City) (Country)

This 27 day of February, 2002.

I, Christopher Drew whose full
residence address is 5955 Haterleigh Drive
Alpharetta GA

was personally present and did see **Kenneth D. Franklin** execute the above assignment on the
27 day of February, 2002 and such assignor is personally known to me to be
the person described in such document.

Christopher Drew
Signature of Witness