504376995 05/20/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4423690

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------------|----------------|
| WILLIAM TODD DANIELL | 12/16/2002 |
| LEE G. FRIEDMAN | 12/16/2002 |
| LARRY GRAHAM KENT JR. | 12/16/2002 |
| JOEL A. DAVIS | 12/16/2002 |
| BRIAN KEITH DAIGLE | 12/16/2002 |

RECEIVING PARTY DATA

| Name: | BELLSOUTH INTELLECTUAL PROPERTY CORPORATION |
|-------------------|---|
| Street Address: | 824 MARKET STREET |
| Internal Address: | SUITE 901 |
| City: | WILMINGTON |
| State/Country: | DELAWARE |
| Postal Code: | 19801 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12284273 |

CORRESPONDENCE DATA

Fax Number: (732)542-2283

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 732-542-2280

Email: khunter@trbklaw.com

AT&T LEGAL DEPARTMENT - TRBK **Correspondent Name:**

ONE AT&T WAY Address Line 1: Address Line 2: **ROOM 2A-212**

Address Line 4: BEDMINSTER, NEW JERSEY 07921

| ATTORNEY DOCKET NUMBER: | 02412CON2 ORG. ASSN | |
|-------------------------|---------------------|--|
| NAME OF SUBMITTER: | KIRSTEN HUNTER | |
| SIGNATURE: | /Kirsten Hunter/ | |
| DATE SIGNED: | 05/20/2017 | |

PATENT REEL: 042445 FRAME: 0315 504376995

Total Attachments: 10 source=02414CON2_OrgAssn#page1.tif source=02414CON2_OrgAssn#page2.tif source=02414CON2_OrgAssn#page3.tif source=02414CON2_OrgAssn#page4.tif source=02414CON2_OrgAssn#page5.tif source=02414CON2_OrgAssn#page6.tif source=02414CON2_OrgAssn#page7.tif source=02414CON2_OrgAssn#page8.tif source=02414CON2_OrgAssn#page8.tif source=02414CON2_OrgAssn#page9.tif source=02414CON2_OrgAssn#page9.tif

PATENT REEL: 042445 FRAME: 0316

WHEREAS, I, William Todd Daniell, a citizen of the United States of America, residing at 900 Crossfire Ridge NW, City of Marietta, State of Georgia, have invented certain inventions and improvements disclosed in an application for United States Letters Patent entitled CLIENT-BASED MESSAGE PROTOCOL TRANSLATION, filed with the United States Patent and Trademark Office on October 18, 2002, assigned serial number 10/274,408, and listing as inventor(s): William Todd Daniell, Lee G. Friedman, Larry Graham Kent, Jr., Joel A. Davis, Brian Keith Daigle;

WHEREAS, **BellSouth Intellectual Property Corporation**, a Corporation of the State of Delaware, having a place of business at 824 Market Street, Suite 901, Wilmington, DE 19801, is desirous of acquiring an interest in the same;

NOW, THEREFORE, for and in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, William Todd Daniell, by these presents do sell, assign and transfer unto BellSouth Intellectual Property Corporation, the full, exclusive and entire right, title and interest: (i) in and to all inventions and improvements disclosed and described in said application, (ii) in and to said application, (iii) in and to any divisional, continuation, and continuation-in-part applications describing in whole or in part said inventions and improvements, preparatory to obtaining Patents of the United States therefore, (iv) in and to all patents and reissues that may be granted in the United States for the aforementioned, (v) in and to any provisional patent applications filed in the United States describing in whole or in part the said inventions and improvements, from which priority may be claimed under Title 35 of the United States Code, and (vi) in and to the right to claim any applicable foreign and domestic priority rights arising from such provisional patent applications or aforementioned applications; I also hereby acknowledge that an obligation for this assignment and for the assignment of all related subject matter arose before the making of the invention and improvements disclosed and described in said application; and I hereby request the Commissioner of Patents to issue any and all Patents of the United States resulting from said application,

or from a division, continuation, continuation-in-part, or reissue thereof, to, BellSouth Intellectual Property Corporation as Assignee, for their interest and for the sole use and behoof of BellSouth Intellectual Property Corporation and their assigns and legal representatives;

For the same consideration, I, by these presence do sell, assign and transfer to BellSouth Intellectual Property Corporation the full, exclusive and entire right, title and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the United States, in and to any Patents and similar protective rights granted on said foreign application, and in and to the right to claim any applicable priority rights arising from or required for said foreign application under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of BellSouth Intellectual Property Corporation and or their respective designees, insofar as permitted by applicable law;

AND, for the same consideration, I agree to sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **BellSouth Intellectual Property**Corporation their successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

12-16-2002 Date

STATE OF GEORGIA

COUNTY OF Summett

Before me, a Notary Public in and for the State of La, on this 16th day of Lecember, 2002, personally appeared William Todd Daniell, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

NOTARY PUBLIC

Vanessa M. Wellborn

My Commission Expires: 2/21/2004

WHEREAS, I, Lee G. Friedman, a citizen of the United States of America, residing at 10615 Timberstone Road, City of Alpharetta, State of Georgia, have invented certain inventions and improvements disclosed in an application for United States Letters Patent entitled CLIENT-BASED MESSAGE PROTOCOL TRANSLATION, filed with the United States Patent and Trademark Office on October 18, 2002, assigned serial number 10/274,408, and listing as inventor(s): William Todd Daniell, Lee G. Friedman, Larry Graham Kent, Jr., Joel A. Davis, Brian Keith Daigle;

WHEREAS, **BellSouth Intellectual Property Corporation**, a Corporation of the State of Delaware, having a place of business at 824 Market Street, Suite 901, Wilmington, DE 19801, is desirous of acquiring an interest in the same;

NOW, THEREFORE, for and in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, Lee G. Friedman, by these presents do sell, assign and transfer unto BellSouth Intellectual Property Corporation, the full, exclusive and entire right, title and interest: (i) in and to all inventions and improvements disclosed and described in said application, (ii) in and to said application, (iii) in and to any divisional, continuation, and continuation-in-part applications describing in whole or in part said inventions and improvements, preparatory to obtaining Patents of the United States therefore, (iv) in and to all patents and reissues that may be granted in the United States for the aforementioned, (v) in and to any provisional patent applications filed in the United States describing in whole or in part the said inventions and improvements, from which priority may be claimed under Title 35 of the United States Code, and (vi) in and to the right to claim any applicable foreign and domestic priority rights arising from such provisional patent applications or aforementioned applications; I also hereby acknowledge that an obligation for this assignment and for the assignment of all related subject matter arose before the making of the invention and improvements disclosed and described in said application; and I hereby request the Commissioner of Patents to issue any and all Patents of the United States resulting from said application, or from a division, continuation,

continuation-in-part, or reissue thereof, to, BellSouth Intellectual Property Corporation as Assignee, for their interest and for the sole use and behoof of BellSouth Intellectual Property Corporation and their assigns and legal representatives;

For the same consideration, I, by these presence do sell, assign and transfer to **BellSouth** Intellectual Property Corporation the full, exclusive and entire right, title and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the United States, in and to any Patents and similar protective rights granted on said foreign application, and in and to the right to claim any applicable priority rights arising from or required for said foreign application under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of **BellSouth Intellectual Property Corporation** and or their respective designees, insofar as permitted by applicable law;

AND, for the same consideration, I agree to sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **BellSouth Intellectual Property**Corporation their successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

/ Date

Lee G. Friedman

STATE OF GEORGIA

COUNTY OF Luinnett

Before me, a Notary Public in and for the State of <u>Ma</u>, on this <u>16th</u> day of <u>Mecember</u>, 2002, personally appeared **Lee G. Friedman**, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

NOTARY PUBLIC Vanessa M. Wellborn

My Commission Expires: 2/21/2004

WHEREAS, I, Larry Graham Kent, Jr., a citizen of the United States of America, residing at 1144 Granite Lane, City of Loganville, State of Georgia, have invented certain inventions and improvements disclosed in an application for United States Letters Patent entitled CLIENT-BASED MESSAGE PROTOCOL TRANSLATION, filed with the United States Patent and Trademark Office on October 18, 2002, assigned serial number 10/274,408, and listing as inventor(s): William Todd Daniell, Lee G. Friedman, Larry Graham Kent, Jr., Joel A. Davis, Brian Keith Daigle;

WHEREAS, **BellSouth Intellectual Property Corporation**, a Corporation of the State of Delaware, having a place of business at 824 Market Street, Suite 901, Wilmington, DE 19801, is desirous of acquiring an interest in the same;

NOW, THEREFORE, for and in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, Larry Graham Kent, Jr., by these presents do sell, assign and transfer unto BellSouth Intellectual Property Corporation, the full, exclusive and entire right, title and interest: (i) in and to all inventions and improvements disclosed and described in said application, (ii) in and to said application, (iii) in and to any divisional, continuation, and continuation-in-part applications describing in whole or in part said inventions and improvements, preparatory to obtaining Patents of the United States therefore, (iv) in and to all patents and reissues that may be granted in the United States for the aforementioned, (v) in and to any provisional patent applications filed in the United States describing in whole or in part the said inventions and improvements, from which priority may be claimed under Title 35 of the United States Code, and (vi) in and to the right to claim any applicable foreign and domestic priority rights arising from such provisional patent applications or aforementioned applications; I also hereby acknowledge that an obligation for this assignment and for the assignment of all related subject matter arose before the making of the invention and improvements disclosed and described in said application; and I hereby request the Commissioner of Patents to issue any and all Patents of the United States resulting from said application,

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or from a division, continuation, continuation-in-part, or reissue thereof, to, BellSouth Intellectual Property Corporation as Assignee, for their interest and for the sole use and behoof of BellSouth Intellectual Property Corporation and their assigns and legal representatives;

For the same consideration, I, by these presence do sell, assign and transfer to BellSouth Intellectual Property Corporation the full, exclusive and entire right, title and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the United States, in and to any Patents and similar protective rights granted on said foreign application, and in and to the right to claim any applicable priority rights arising from or required for said foreign application under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of BellSouth Intellectual Property Corporation and or their respective designees, insofar as permitted by applicable law;

AND, for the same consideration, I agree to sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **BellSouth Intellectual Property Corporation** their successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

| 12-16-2002 Date | Lanry Graham Kent, Jr. |
|--------------------|------------------------|
| STATE OF GEORGIA | COUNTY OF Swinnett |

Before me, a Notary Public in and for the State of A, on this 16th day of Mccember, 2002, personally appeared Larry Graham Kent, Jr., who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

NOTARY PUBLIC Vanessa M. Weilborn

My Commission Expires: $\frac{Z/ZI/2004}{}$

WHEREAS, I, Joel A. Davis, a citizen of the United States of America, residing at 413 Water Oak Way, City of Marietta, State of Georgia, have invented certain inventions and improvements disclosed in an application for United States Letters Patent entitled CLIENT-BASED MESSAGE PROTOCOL TRANSLATION, filed with the United States Patent and Trademark Office on October 18, 2002, assigned serial number 10/274,408, and listing as inventor(s): William Todd Daniell, Lee G. Friedman, Larry Graham Kent, Jr., Joel A. Davis, Brian Keith Daigle;

WHEREAS, **BellSouth Intellectual Property Corporation**, a Corporation of the State of Delaware, having a place of business at 824 Market Street, Suite 901, Wilmington, DE 19801, is desirous of acquiring an interest in the same;

NOW, THEREFORE, for and in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, Joel A. Davis, by these presents do sell, assign and transfer unto BellSouth Intellectual Property Corporation, the full, exclusive and entire right, title and interest: (i) in and to all inventions and improvements disclosed and described in said application, (ii) in and to said application, (iii) in and to any divisional. continuation, and continuation-in-part applications describing in whole or in part said inventions and improvements, preparatory to obtaining Patents of the United States therefore, (iv) in and to all patents and reissues that may be granted in the United States for the aforementioned, (v) in and to any provisional patent applications filed in the United States describing in whole or in part the said inventions and improvements, from which priority may be claimed under Title 35 of the United States Code, and (vi) in and to the right to claim any applicable foreign and domestic priority rights arising from such provisional patent applications or aforementioned applications; I also hereby acknowledge that an obligation for this assignment and for the assignment of all related subject matter arose before the making of the invention and improvements disclosed and described in said application; and I hereby request the Commissioner of Patents to issue any and all Patents of the United States resulting from said application, or from a division, continuation,

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continuation-in-part, or reissue thereof, to, BellSouth Intellectual Property Corporation as Assignee, for their interest and for the sole use and behoof of BellSouth Intellectual Property **Corporation** and their assigns and legal representatives;

For the same consideration, I, by these presence do sell, assign and transfer to BellSouth Intellectual Property Corporation the full, exclusive and entire right, title and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the United States, in and to any Patents and similar protective rights granted on said foreign application, and in and to the right to claim any applicable priority rights arising from or required for said foreign application under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of BellSouth Intellectual Property Corporation and or their respective designees, insofar as permitted by applicable law;

AND, for the same consideration, I agree to sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid BellSouth Intellectual Property Corporation their successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

Joel A. Davis

STATE OF GEORGIA

COUNTY OF Suinnett

Before me, a Notary Public in and for the State of La., on this 16th day of Alexender, 2002, personally appeared Joel A. Davis, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

TARY PUBLIC

Vanessa u. Wollborn

My Commission Expires: 2/21/2004

WHEREAS, I, Brian Keith Daigle, a citizen of the United States of America, residing at 2533 Boxbourne Ct., City of Marietta, State of Georgia, have invented certain inventions and improvements disclosed in an application for United States Letters Patent entitled CLIENT-BASED MESSAGE PROTOCOL TRANSLATION, filed with the United States Patent and Trademark Office on October 18, 2002, assigned serial number 10/274,408, and listing as inventor(s): William Todd Daniell, Lee G. Friedman, Larry Graham Kent, Jr., Joel A. Davis, Brian Keith Daigle;

WHEREAS, **BellSouth Intellectual Property Corporation**, a Corporation of the State of Delaware, having a place of business at 824 Market Street, Suite 901, Wilmington, DE 19801, is desirous of acquiring an interest in the same;

NOW, THEREFORE, for and in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, Brian Keith Daigle, by these presents do sell, assign and transfer unto BellSouth Intellectual Property Corporation, the full, exclusive and entire right, title and interest: (i) in and to all inventions and improvements disclosed and described in said application, (ii) in and to said application, (iii) in and to any divisional, continuation, and continuation-in-part applications describing in whole or in part said inventions and improvements, preparatory to obtaining Patents of the United States therefore, (iv) in and to all patents and reissues that may be granted in the United States for the aforementioned, (v) in and to any provisional patent applications filed in the United States describing in whole or in part the said inventions and improvements, from which priority may be claimed under Title 35 of the United States Code, and (vi) in and to the right to claim any applicable foreign and domestic priority rights arising from such provisional patent applications or aforementioned applications; I also hereby acknowledge that an obligation for this assignment and for the assignment of all related subject matter arose before the making of the invention and improvements disclosed and described in said application; and I hereby request the Commissioner of Patents to issue any and all Patents of the United States resulting from said application,

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For the same consideration, I, by these presence do sell, assign and transfer to **BellSouth Intellectual Property Corporation** the full, exclusive and entire right, title and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the United States, in and to any Patents and similar protective rights granted on said foreign application, and in and to the right to claim any applicable priority rights arising from or required for said foreign application under the terms of any applicable conventions. treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of BellSouth Intellectual Property Corporation and or their respective designees, insofar as permitted by applicable law;

AND, for the same consideration, I agree to sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid BellSouth Intellectual Property Corporation their successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

1216-2002

STATE OF GEORGIA

Brian Heith Dolgle
Brian Keith Daigle
COUNTY OF Suinnett

Before me, a Notary Public in and for the State of La., on this 16th day of lecember, 2002, personally appeared Brian Keith Daigle, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed

NOTARY PUBLIC Vanessa M. Wellborn

My Commission Expires: 2/21/2004

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