	United States Patent and Trademark 0 HEET
	emark Office: Please record the attached documents or the new address(es) below.
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)
Samuel N. Zeller, Nathan Sargent, Mark Enzman Robert T. Moton, Jr.	In, and Name: BellSouth Intellectual Property Management Corp.
	Internal Address: Suite 901
Additional name(s) of conveying party(ies) attache	
3. Nature of conveyance/Execution Da	ate(s): Street Address: <u>824 Market Street</u>
Execution Date(s) <u>9/19, 20, 23 & 26, 2000</u>	
	nge of Name
Joint Research Agreement	State: Delaware
Government Interest Assignment	Country: USA Zip: 19801
Executive Order 9424, Confirmatory	License Zip. 19601
Other	Additional name(s) & address(es) attached? 🗌 Yes 🗹
 4. Application or patent number(s): A. Patent Application No.(s) Add 	Itional numbers attached? Yes ✔No
A. Patent Application No.(s) Add 5. Name and address to whom corresp	B. Patent No.(s) Iitional numbers attached? Yes ✓ No pondence 6. Total number of applications and patents
A. Patent Application No.(s)	B. Patent No.(s) bitional numbers attached? Yes ✓ No pondence ed:
A. Patent Application No.(s) Add 5. Name and address to whom corresp concerning document should be maile Name:Jodi L. Hartman	B. Patent No.(s) Pondence B. Total number of applications and patents involved: 1 T. Total fee (37 CFR 1.21(h) & 3.41) G. Total fee (37 CFR 1.21(h) & 3.41)
A. Patent Application No.(s) Add 5. Name and address to whom corresp concerning document should be maile	B. Patent No.(s) B. Patent No.(s) B. Patent No.(s) bitional numbers attached? Yes Pondence ed: C
A. Patent Application No.(s) Add 5. Name and address to whom corresp concerning document should be mailed Name: Jodi L. Hartman Internal Address: Hope Baldauff Hartman, LLC	B. Patent No.(s) B. Patent No.(s) B. Patent No.(s) B. Patent No.(s) pondence 6. Total number of applications and patents involved: 1 C C Authorized to be charged by credit card Authorized to be charged to deposit account
A. Patent Application No.(s) Add 5. Name and address to whom corresp concerning document should be maile Name:Jodi L. Hartman	ditional numbers attached? Yes No pondence 6. Total number of applications and patents ed: 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 C ✓ Authorized to be charged by credit card Authorized to be charged to deposit account ✓ Enclosed
A. Patent Application No.(s) Add 5. Name and address to whom corresp concerning document should be mailed Name: Jodi L. Hartman Internal Address: Hope Baldauff Hartman, LLC	B. Patent No.(s) B. Patent No.(s) B. Patent No.(s) pondence ed: C
A. Patent Application No.(s) Add 5. Name and address to whom corresp concerning document should be maile Name:Jodi L. Hartman Internal Address: Hope Baldauff Hartman, LLC Street Address: 79-B Poplar Street	B. Patent No.(s) B. Patent No.(s) B. Patent No.(s) bitional numbers attached? Yes ✓ No c 6. Total number of applications and patents involved:_1 c 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 c ✓ Authorized to be charged by credit card Authorized to be charged to deposit account ✓ Enclosed None required (government interest not affecting ti 8. Payment Information a. Credit Card Last 4 Numbers _1833
A. Patent Application No.(s) Add 5. Name and address to whom corresp concerning document should be maile Name:Jodi L. Hartman Internal Address: Hope Baldauff Hartman, LLC Street Address: 79-B Poplar Street City: Atlanta	B. Patent No.(s) B. Patent No.(s) B. Patent No.(s) pondence ed: C D D
A. Patent Application No.(s) Add 5. Name and address to whom corresp concerning document should be maile Name: Jodi L. Hartman Internal Address: Hope Baldauff Hartman, LLC Street Address: 79-B Poplar Street City: Atlanta State: Georgia Zip:30303	B. Patent No.(s) B. Patent No.(s) B. Patent No.(s) bitional numbers attached? Yes ✓ No c 6. Total number of applications and patents involved:_1 c 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 c ✓ Authorized to be charged by credit card Authorized to be charged to deposit account ✓ Enclosed None required (government interest not affecting ti 8. Payment Information a. Credit Card Last 4 Numbers _1833
A. Patent Application No.(s) Add S. Name and address to whom corresp concerning document should be maile Name:Jodi L. Hartman Internal Address:Hope Baldauff Hartman, LLC Street Address: 79-B Poplar Street City: Atlanta State:Georgia Zip:30303 Phone Number:404.522.1100	B. Patent No.(s) B. Patent No.(s) B. Patent No.(s) pondence ed: C D D
A. Patent Application No.(s) A. Patent Application No.(s) 5. Name and address to whom corresp concerning document should be maile Name: Jodi L. Hartman Internal Address: Hope Baldauff Hartman, LLC Street Address: 79-B Poplar Street City: Atlanta State: Georgia Zip:30303 Phone Number: 404.522.1100 Fax Number: 678.669.2281 Email Address: joel@hbhlawfirm.com 9. Signature:	B. Patent No.(s) B. Patent No.(s) B. Patent No.(s) pondence 6. Total number of applications and patents involved:_1 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 C ✓ Authorized to be charged by credit card Authorized to be charged to deposit account ✓ Enclosed None required (government interest not affecting till 8. Payment Information a. Credit Card Last 4 Numbers 1833 Expiration Date 02/08 b. Deposit Account Number Authorized User Name
A. Patent Application No.(s) A. Patent Application No.(s) 5. Name and address to whom corresp concerning document should be maile Name: Jodi L. Hartman Internal Address: Hope Baldauff Hartman, LLC Street Address: 79-B Poplar Street City: Atlanta State: Georgia Zip:30303 Phone Number: 404.522.1100 Fax Number: 678.669.2281 Email Address: joel@hbhlawfirm.com 9. Signature:	B. Patent No.(s) bittional numbers attached? Yes pondence ed: 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 C Authorized to be charged by credit card Authorized to be charged to deposit account Image: Payment Information a. Credit Card Last 4 Numbers B. Payment Information a. Credit Card Last 4 Numbers B. Payment Information a. Credit Card Last 4 Numbers B. Payment Information a. Credit Card Last 4 Numbers May 30, 2006 Date

.

Attorney's Docket No. 99498 PATENT
For: U.S. and/or Foreign Rights
For: U.S. Application or
U.S. Provisional Application
For: U.S. Patent
For: PCT Application
By: Multiple Inventors

ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

00F0 Fashurst Dias

ASSIGNORS (Inventors):

۰.

	2350 Fennurst Place	
Samuel N. Zellner	Dunwoody, GA 30338	USA
(type or print name of inventors)	Address	Nationality
	5042 Sunbrook Drive	
Nathan Sargent	Acworth, GA 30101	USA
	205 Sailwind Court	
Mark J. Enzmann	Roswell, GA 30076	USA
	12105 North Hickory Trace	
Robert T. Moton, Jr.	Alpharetta, GA 30004	USA
• • • • • • • • • • • • • • • • • • •		

(Assignment of Invention-Multiple Inventors [16-3.2]-page 1 of 3)

hereby sells, a	ssigns and transfers to	
ASSIGNEE:		
BellSouth Intel (type or print name	e of ASSIGNEE)	824 Market Street, Suite 510 Address
(a Delaware co Nationality	prporation)	Wilmington, DE 19801
and the succes	ssors, assigns and legal representatives o	of the ASSIGNEE
	(complete one of t	he following)
🔀 the	e entire right, title and interest	<u>.</u>
and its territoria	al possessions	%) interest for the United States
	(check the following box, if foreign r	ights are also to be assigned)
⊠ improvements	and in all foreign countries, including all which are disclosed in the invention entities	rights to claim priority, in and to any and all ed: BROWSER ON TEST EQUIPMENT
	(check and complete (a), (b)	, (c), (d), (e), (f) or (g))
and which is fo	ound in	
(a) 🗌 U.:	S. patent application executed on even da	ate herewith
(b) 📋 U.s	S. patent application executed on	
(c) 🗌 U.S	S. provisional application naming the abov	ve inventor(s) for the above-entitled invention
	Express mail label no.:	
	Mailed:	
her	comply with 37 CFR 3.21 for recordal of reby authorize and request my attorney mber when they become known.	this assignment, I, an ASSIGNOR signing below, to insert below the filing date and application
(d) 🛛 U.S	S. application no.:09/586,066	filed on June 2, 2000
(e) 📋 Inte file	emational application no. PCT /	/
(f) 🔲 U.S	S. patent no	issued
	A change of address to which con maintenance fees is being sent separate	respondence is to be sent regarding patent ly.
	(also check (g), if foreign applicatio	n(s) is also being assigned)
		country, including the right to claim priority and, in

(g) ☑ and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or reexamination thereof.

PI - 578479.1

· •

-

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this

Date of signing

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Samuel N. Zellner (type name of Inventor) ignature of INVENTOR Nathan Sargent Mark J. Enzmann Robert T. Moton, Jr. Notarization or Legalization Page Added.

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

PI - 578479.1

Attorney's Docket No. 99498

.

For: 🛛 U.S. and/or 🖾 Foreign Rights For: 🖾 U.S. Application or 🗌 U.S. Provisional Application For: 🔲 U.S. Patent For: 🔲 PCT Application By: Multiple Inventors

ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS (Inventors):

- ··· - ··	2350 Fenhurst Place	
Samuel N. Zellner	Dunwoody, GA 30338	USA
(type or print name of inventors)	Address	Nationality
	5042 Sunbrook Drive	
Nathan Sargent	Acworth, GA 30101	USA
	205 Sailwind Court	
Mark J. Enzmann	Roswell, GA 30076	USA
	12105 North Hickory Trace	
Robert T. Moton, Jr.	Alpharetta, GA 30004	USA
· · · · · · · · · · · · · · · · · · ·		

(Assignment of Invention-Multiple Inventors [16-3.2]-page 1 of 3)

hereby sel	s, assigns and transfers to	
ASSIGNE	Ξ:	
	ntellectual Property Corporation	824 Market Street, Suite 510 Address
(a Delawai Nationality	e corporation)	Wilmington, DE 19801
and the su	ccessors, assigns and legal representatives o	f the ASSIGNEE
	(complete one of t	ne following)
\boxtimes	the entire right, title and interest	
and its terr	an undivided percent (torial possessions	%) interest for the United States
	(check the following box, if foreign ri	ghts are also to be assigned)
improveme	and in all foreign countries, including all tents which are disclosed in the invention entitle	ights to claim priority, in and to any and all d: BROWSER ON TEST EQUIPMENT
	(check and complete (a), (b),	(c), (d), (e), (f) or (g))
and which	is found in	
(a) 📋	U.S. patent application executed on even da	te herewith
(b) 🗌	U.S. patent application executed on	
(c) 🗌	U.S. provisional application naming the abov	e inventor(s) for the above-entitled invention
	Express mail label no.:	
	Mailed:	
		this assignment, I, an ASSIGNOR signing below, to insert below the filing date and application
(d) 🖾	U.S. application no.:09/586,066	filed on <u>June 2, 2000</u>
(e) 🗌	International application no. PCT /	/
(f) 📋	U.S. patent no.	issued
	A change of address to which com maintenance fees is being sent separate	espondence is to be sent regarding patent y.
	(also check (g), if foreign application	n(s) is also being assigned)
(g) 🛛	and to, all Letters Patent to be obtained for	country, including the right to claim priority and, in said invention by the above application or any nereof, and as to letters patent any reissue or re-

PI - 578479.1

-

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this ____

9/23/2000 Date of signing

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Samuel N. Zellner	
(type name of Inventor)	Signature of INVENTOR
Nathan Sargent	Signature of INVENTOR
Mark J. Enzmann	
Robert T. Moton, Jr.	
· Dotariza	tion or Legalization Page Added.

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

PI - 578479.1

Attorney's Docket No. 99498

.

.

For: X U.S. and/or X Foreign Rights
For: X U.S. Application or
U.S. Provisional Application
For: U.S. Patent
For: PCT Application
By: Multiple Inventors

ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS (Inventors):

	2350 Fenhurst Place	
Samuel N. Zellner	Dunwoody, GA 30338	USA
(type or print name of inventors)	Address	Nationality
	5042 Sunbrook Drive	
Nathan Sargent	Acworth, GA 30101	USA
	205 Sailwind Court	
Mark J. Enzmann	Roswell, GA 30076	USA
	12105 North Hickory Trace	
Robert T. Moton, Jr.	Alpharetta, GA 30004	USA
		<u></u>
		, <u>, , , , , , , , , , , , , , , , , , </u>
•	•	

(Assignment of Invention-Multiple Inventors [16-3.2]-page 1 of 3)

hèreby sel	s, assigns and transfers to	
ASSIGNE	Ξ:	
	ntellectual Property Corporation name of ASSIGNEE)	824 Market Street, Suite 510 Address
(a Delawar Nationality	e corporation)	Wilmington, DE 19801
and the su	ccessors, assigns and legal representatives o	f the ASSIGNEE
	(complete one of the	ne following)
\boxtimes	the entire right, title and interest	
and its terr	an undivided percent (%) interest for the United States
	(check the following box, if foreign ri	ghts are also to be assigned)
improveme	and in all foreign countries, including all and in all foreign countries, including all and and intermediate the invention entitle	rights to claim priority, in and to any and all ed: BROWSER ON TEST EQUIPMENT
	(check and complete (a), (b),	(c), (d), (e), (f) or (g))
and which	is found in	
(a) 🗌	U.S. patent application executed on even da	le herewith
(b) 🗌	U.S. patent application executed on	
(c) 🗌	U.S. provisional application naming the abov	e inventor(s) for the above-entitled invention
	Express mail label no.:	
	Mailed:	
		this assignment, I, an ASSIGNOR signing below, to insert below the filing date and application
(d) 🔀	U.S. application no.:09/586,066	filed on June 2, 2000
(e) 🗌	International application no. PCT /	/
(f) 🗆	U.S. patent no.	issued
	A change of address to which com maintenance fees is being sent separate	espondence is to be sent regarding patent y.
	(also check (g), if foreign application	n(s) is also being assigned)
(g) 🖾	and to, all Letters Patent to be obtained for	country, including the right to claim priority and, in said invention by the above application or any hereof, and as to letters patent any reissue or re-

~

PI - 578479.1

•

 \sim

.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this $\frac{9/24/00}{Date of signing}$

WARNING: The date of signing must be the same as the date of execution of the application, if iterr (a) was checked above.

Signature of INVENTOR
- Mary z
·
or Legalization Page Added.

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facte evidence of execution. 35 USC 261. Use next page if notarization is desired.

PI - 578479.1

Attorney's Docket No. 99498

...

For: X U.S. and/or X Foreign Rights
For: X U.S. Application or
U.S. Provisional Application
For: U.S. Patent
For: PCT Application

By: Multiple Inventors

ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS (Inventors):

	2350 Fenhurst Place	
Samuel N. Zellner	Dunwoody, GA 30338	USA
(type or print name of inventors)	Address	Nationality
	5042 Sunbrook Drive	
Nathan Sargent	Acworth, GA 30101	USA
	205 Sailwind Court	
Mark J. Enzmann	Roswell, GA 30076	USA
	12105 North Hickory Trace	
Robert T. Moton, Jr.	Alpharetta, GA 30004	USA
	· · · · · · · · · · · · · · · · · · ·	
		

(Assignment of Invention-Multiple Inventors [16-3.2]-page 1 of 3)

hereby sells, assigns and transfers to	
ASSIGNEE:	
BellSouth Intellectual Property Corporation (type or print name of ASSIGNEE)	824 Market Street, Suite 510 Address
(a Delaware corporation) Nationality	Wilmington, DE 19801
and the successors, assigns and legal representatives of	of the ASSIGNEE
(complete one of t	he following)
\bigotimes the entire right, title and interest	<u>-</u>
an undivided percent (and its territorial possessions	%) interest for the United States
(check the following box, if foreign i	ights are also to be assigned)
and in all foreign countries, including all improvements which are disclosed in the invention entities	rights to claim priority, in and to any and all ed: BROWSER ON TEST EQUIPMENT
(check and complete (a), (b)), (c), (d), (e), (f) or (g))
and which is found in	
(a) 🔲 U.S. patent application executed on even da	ate herewith
(b) U.S. patent application executed on	
(c) 🔲 U.S. provisional application naming the above	ve inventor(s) for the above-entitled invention
Express mail label no.:	
Mailed:	
To comply with 37 CFR 3.21 for recordal of hereby authorize and request my attorney number when they become known.	this assignment, I, an ASSIGNOR signing below, to insert below the filing date and application
(d) 🛛 U.S. application no.:09/586,066	filed on June 2, 2000
(e) International application no. PCT / filed on	/
(f) [] U.S. patent no	issued
A change of address to which commaintenance fees is being sent separate	respondence is to be sent regarding patent ely.
(also check (g), if foreign application	on(s) is also being assigned)
(g) and any legal equivalent thereof in a foreign and to, all Letters Patent to be obtained for continuation, division, renewal, or substitute examination thereof.	country, including the right to claim priority and, in r said invention by the above application or any thereof, and as to letters patent any reissue or re-

PI - 578479.1

•

• • • •

-

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this

:

Date of signing

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Samuel N. Zellner	
(type name of Inventor)	Signature of INVENTOR
Nathan Sargent	
Mark J. Enzmann	
Robert T. Moton, Jr.	Adut J. Moton A.
-	
•	
·	rization or Legalization Page Added.

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

PI - 578479.1

RECORDED: 05/30/2006