504664117 11/30/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SAMUEL N. ZELLNER	04/18/2001
MARK J. ENZMANN	04/09/2001
ROBERT T. MOTON JR.	04/16/2001

RECEIVING PARTY DATA

Name:	BELLSOUTH INTELLECTUAL PROPERTY CORPORATION
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City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19801

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	11252039
Application Number:	12552767

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: AT&T LEGAL DEPARTMENT

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Address Line 4: BEDMINSTER, NEW JERSEY 07921

ATTORNEY DOCKET NUMBER:	00030A
NAME OF SUBMITTER:	JEANNE PANIAGUA
SIGNATURE:	/Jeanne Paniagua/
DATE SIGNED:	11/30/2017

Total Attachments: 9

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Attorney's Docket No. 00137		PATENT
	For: U.S. and/or Serving Rights For: U.S. Application or U.S. Provisional Application For: U.S. Patent For: PCT Application By: Multiple Inventors	·
ASSIGNMENT OF IN	VENTION (MULTIPLE INVENTORS)	
In consideration of the payment by ASSIG receipt of which is hereby acknowledged, and	NEE to ASSIGNOR of the sum of One Dolla for other good and valuable consideration,	r (\$1.00), the
ASSIGNORS (inventors):		
Samuel N. Zellner (type or print name of inventors)	2350 Fenhurst Place <u>Dunwoody, GA 30338</u> Address	USANetionality
Mark J. Enzmann	205 Sailwind Court Roswell, GA 30076	USA
Robert T. Moton, Jr.	12105 North Hickory Trace Alpharetta, GA 30004	USA
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(Assignment of Invention-Multiple Inventors [16-3.2]-page 1 of 3)

ASSIGNEE:		
	cellectual Property Corporation	824 Market Street, Suite 510 Address
(a Delaware Nationality	corporation)	Wilmington, DE 19801
and the succ	essors, assigns and legal representatives o	f the ASSIGNEE
	(complete one of t	ne following)
	the entire right, title and interest	
and its territor	an undivided percent (orial possessions	%) interest for the United States
	(check the following box, if foreign r	ights are also to be assigned)
improvemen	and in all foreign countries, including all its which are disclosed in the invention enti SERVICE PROVIDER	rights to claim priority, in and to any and all tled: IDENTITY BLOCKING SERVICE FROM A
	(check and complete (a), (b)), (c), (d), (e), (f) or (g))
and which is	s found in .	
(a) 🗌	U.S. patent application executed on even de	ate herewith
(b) 🗌	U.S. patent application executed on	
(⋄) □	U.S. provisional application naming the abo	ve inventor(s) for the above-entitled invention
	Express mail label no.:	
	Malled:	
	To comply with 37 CFR 3.21 for recordal of hereby authorize and request my attorned number when they become known.	f this assignment, I, an ASSIGNOR signing below, y to insert below the filing date and application
(d) 🖾	U.S. application no :09/740,372	filed on <u>December 19, 2000</u>
(e) 🏻	International application no. PCT /filed on	<u> </u>
(f) []	U.S. patent no.	issued
	☐ A change of address to which commaintenance fees is being sent separa	orrespondence is to be sent regarding patent tely.
	(also check (g), if foreign applicat	ion(s) is also being assigned)
(g) 🖾	and to, all Letters Patent to be obtained	n country, including the right to claim priority and, in for said invention by the above application or any a thereof, and as to letters patent any reissue or re-

hereby sells, assigns and transfers to

(Assignment of Invention-Multiple Inventors [16-3.2]-page 2 of 3)

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.

Samuel N. Zellner	Let 1. 3Mm
(type name of Inventor)	Signature of INVENTOR
Mark J. Enzmann	
Robert T. Moton, Jr.	

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

Attorney's Docket No. 00137		PATEN
	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 navment by ASS	SIGNEE to ASSIGNOR of the sum of One Do	lar (64 aa) 14 -
receipt of which is hereby acknowledged, a	and for other good and valuable consideration,	iar (\$1.00), the
ASSIGNORS (Inventors):		
7	2350 Fenhurst Place	
Samuel N. Zellner (type or print name of inventors)	Dunwoody, GA 30338 Address	USA
(Abore to brust native at sissections)	Accress	Nationality
	205 Sailwind Court	
Mark J. Enzmann	Roswell, GA 30076	USA
	12105 North Hickory Trace	
Robert T. Maton, Jr.	12105 North Hickory Trace Alpharetta, GA 30004	USA
		USA

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

hereby s	ells	, assigns and transfers to	•
ASSIGN	IEE		
BellSout (type or pr	<u>th Ir</u> int o	ntellectual Property Corporation ame of ASSIGNEE)	824 Market Street, Suite 510 Address
(a Delaware corporation) Nationality		corporation)	Wilmington, DE 19801
and the	suc	cessors, assigns and legal representatives	of the ASSIGNEE
		(complete one of	the following)
	\boxtimes	the entire right, title and interest	
and its t	□ erril	an undivided percent (percent (%) interest for the United States
		(check the following box, if foreign	rights are also to be assigned)
improve	mei	and in all foreign countries, including all its which are disclosed in the invention ent SERVICE PROVIDER	I rights to claim priority, in and to any and all itled: IDENTITY BLOCKING SERVICE FROM A
		(check and complete (a), (b), (c), (d), (e), (f) or (g))
and whic	oh is	s found in .	
(a)		U.S. patent application executed on even d	ate herewith
(b)		U.S. patent application executed on	
(c)		U.S. provisional application naming the abo	ve inventor(s) for the above-entitled invention
		Express mail label no.:	
		Mailed:	
		To comply with 37 CFR 3.21 for recordal chereby authorize and request my attorned number when they become known.	of this assignment, I, an ASSIGNOR signing below, by to insert below the filing date and application
		•	filed on <u>December 19, 2000</u>
(e)		International application no. PCT /filed on	<u> </u>
(1)		U.S. patent no.	issued
		A change of address to which comaintenance fees is being sent separa	orrespondence is to be sent regarding patent tely.
		(also check (g), if foreign applicat	ion(s) is also being assigned)
(0)		and to, all Letters Patent to be obtained	n country, including the right to claim priority and, in for sald invention by the above application or any a thereof, and as to letters patent any reissue or re-

(Assignment of Invention–Multiple Inventors [16-3.2]–page 2 of 3)

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.

WARNING: The date of cionien must be the some as the	he date of execution of the application, if item (a) was checked above.
* 100 o miles of significant and the state dates do t	us date at execution or the application, it them for was calected \$20%.
Samuel N. Zellner (type name of Inventor)	Signature of INVENTOR
(thhe teams of the and)	Signature of have at our
Mark J. Enzmenn	
Robert T. Moton, Jr.	
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NOTE: No wilnessing, notarization or legalization is no	ecessary. 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.

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

Attorney's Docket No. 00137		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 IN	VENTION (MULTIPLE INVENTORS)	
In consideration of the payment by ASSIC	SNEE to ASSIGNOR of the sum of One Dolla	ar (\$1.00), the
receipt of which is hereby acknowledged, and	or other good and valuable consideration,	
ASSIGNORS (Inventors):		
	State proper and a second process	
Comunity Vollens	2350 Fenhurst Place	a com a
Samuel N. Zellner (type or print name of inventors)	Dunwoody, GA 30338 Address	USA Nationality
May a huntamor as antonoral	ruotas	sancinguty.
	205 Sailwind Court	
Mark J. Enzmann	Roswell, GA 30076	USA
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	12105 North Hickory Trace	
Robert T. Moton, Jr.	Alpharetta, GA 30004	USA
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toucol acua, enough a 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 repre-	sentatives of the ASSIGNEE
(compl	ete one of the following)
the entire right, title and interest	
an undividedand its territorial possessions	percent (%) interest for the United States
(check the following box	; if foreign rights are also to be assigned)
	ncluding all rights to claim priority, in and to any and all vention entitled: IDENTITY BLOCKING SERVICE FROM A
(check and comp	olete (a), (b), (c), (d), (e), (f) or (g))
and which is found in	
(a) U.S. patent application executed	on even date herewith
(b) U.S. patent application executed	08
(c) U.S. provisional application nami	ing the above inventor(s) for the above-entitled invention
☐ Express mail label no.:	
Mailed:	
☐ To comply with 37 CFR 3.21 for hereby authorize and request of number when they become known	recordal of this assignment, I, an ASSIGNOR signing below, my attorney to insert below the filing date and application m.
(d) 🛛 U.S. application no.:09/740,372	filed on December 19, 2000
(e) International application no. PCT filed on	<u></u>
(f) U.S. patent no.	jesued
	which correspondence is to be sent regarding patent
(also check (g), if foreig	gn application(s) is also being assigned)
and to, all Letters Patent to be	in a foreign country, including the right to claim priority and, in obtained for said invention by the above application or any r substitute thereof, and as to letters patent any reissue or re-

(Assignment of Invention-Multiple Inventors [16-3.2]-page 2 of 3)

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IN WITNESS WHEREOF, We have hereunto set	t hand and seal this <u>\{\(\(\delta\) \(\delta\)</u> Date of signing
	s (rate or signific
WARNING: The date of signing must be the same as the date of	f execution of the application, if item (a) was checked above.
Samuel N. Zellner (type name of Inventor)	Signature of INVENTOR
Mark J. Enzmann	All A mal I
Robert T. Moton, Jr.	Rolf 4 Material
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☐ Notarization or Le	galization Page Added.
NOTE: No witnessing, notarization or legalization is necessary.	. If the assignment is notarized or legalized, then it will only be

prima facile evidence of execution. 35 USC 261. Use next page if notarization is desired.

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

RECORDED: 11/30/2017