

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3997531

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SCOTT FRANK	06/28/2007
ROBERT STARR	06/28/2007
SAMUEL ZELLNER	06/28/2007
STEVEN TISCHER	06/28/2007
JOHN RUCKART	06/28/2007
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	AT&T INTELLECTUAL PROPERTY I, L.P.
<b>Street Address:</b>	675 WEST PEACHTREE STREET, NW
<b>City:</b>	ATLANTA
<b>State/Country:</b>	GEORGIA
<b>Postal Code:</b>	30308
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15231351
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(215)568-3439
<i>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.</i>	
<b>Phone:</b>	2155683100
<b>Email:</b>	assignments@bakerlaw.com
<b>Correspondent Name:</b>	BAKER HOSTETLER LLP
<b>Address Line 1:</b>	2929 ARCH STREET
<b>Address Line 2:</b>	CIRA CENTRE, 12TH FLOOR
<b>Address Line 4:</b>	PHILADELPHIA, PENNSYLVANIA 19104
<b>ATTORNEY DOCKET NUMBER:</b>	070207CON2/101900.001974
<b>NAME OF SUBMITTER:</b>	OUIDA M. HOWARD
<b>SIGNATURE:</b>	/Ouida M. Howard/
<b>DATE SIGNED:</b>	08/08/2016
<b>Total Attachments: 10</b>	

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## PATENT ASSIGNMENT

WHEREAS, I, **Scott Frank**, a citizen of **the United States of America**, residing at **5419 Redfield Circle**, City of **Dunwoody**, State of **Georgia, 30338**, have invented certain inventions and improvements disclosed in an application for United States Letters Patent entitled **Privacy Control of Location Information**, executed on even date herewith, and listing as inventor(s): **Scott Frank, Robert Starr, John Ruckart, Steven Tischer, and Samuel Zellner**;

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, **Scott Frank**, 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 any 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.

6/28/07  
Date

Scott Frank  
Scott Frank

STATE OF Georgia

COUNTY OF Coweta

Before me, a Notary Public in and for the State of GA, on this 28<sup>th</sup> day of June, 2007, personally appeared **Scott Frank**, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

Harlan M. Jones  
NOTARY PUBLIC

My Commission Expires: December 18, 2008  
Notary Public, Coweta County, Georgia

## PATENT ASSIGNMENT

WHEREAS, I, **Robert Starr**, a citizen of **the United States of America**, residing at **2804 Mount Olive Drive**, City of **Decatur**, State of **Georgia**, **30033**, have invented certain inventions and improvements disclosed in an application for United States Letters Patent entitled **Privacy Control of Location Information**, executed on even date herewith, and listing as inventor(s): **Scott Frank, Robert Starr, John Ruckart, Steven Tischer, and Samuel Zellner**;

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, **Robert Starr**, 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 any 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.

6-28-07  
Date

Robert J. Starr  
Robert Starr

STATE OF Georgia

COUNTY OF Coweta

Before me, a Notary Public in and for the State of GA, on this 28<sup>th</sup> day of June, 2007, personally appeared **Robert Starr**, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

Sharon M. Jones  
NOTARY PUBLIC

My Commission Expires: December 18, 2011  
Notary Public, Coweta County, Georgia

## PATENT ASSIGNMENT

WHEREAS, I, **Samuel Zellner**, a citizen of **the United States of America**, residing at **2350 Fenhurst Place**, City of **Dunwoody**, State of **Georgia**, **30338**, have invented certain inventions and improvements disclosed in an application for United States Letters Patent entitled **Privacy Control of Location Information**, executed on even date herewith, and listing as inventor(s): **Scott Frank, Robert Starr, John Ruckart, Steven Tischer, and Samuel Zellner**;

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, **Samuel Zellner**, 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 any 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.

6/28/07  
Date

Samuel Zellner  
Samuel Zellner

STATE OF Georgia

COUNTY OF Coweta

Before me, a Notary Public in and for the State of GA, on this 28<sup>th</sup> day of June, 2007, personally appeared **Samuel Zellner**, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

Vanessa M. Janus  
NOTARY PUBLIC  
Notary Public, Coweta County, Georgia  
My Commission Expires December 18, 2009



## PATENT ASSIGNMENT

WHEREAS, I, **Steven Tischer**, a citizen of **the United States of America**, residing at **831 Amsterdam Avenue**, City of **Atlanta**, State of **Georgia**, **30306**, have invented certain inventions and improvements disclosed in an application for United States Letters Patent entitled **Privacy Control of Location Information**, executed on even date herewith, and listing as inventor(s): **Scott Frank, Robert Starr, John Ruckart, Steven Tischer, and Samuel Zellner**;

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, **Steven Tischer**, 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 any 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.

28Jwe07  
Date

Steven Tischer  
Steven Tischer

STATE OF Georgia

COUNTY OF Coweta

Before me, a Notary Public in and for the State of GA, on this 28<sup>th</sup> day of June, 2007, personally appeared **Steven Tischer**, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

[Signature]  
NOTARY PUBLIC  
My Commission Expires: December 18, 2009  
Notary Public, Coweta County, Georgia  
My Commission Expires December 18, 2009

## PATENT ASSIGNMENT

WHEREAS, I, **John Ruckart**, a citizen of **the United States of America**, residing at **3059 Greenbrook Way**, City of **Atlanta**, State of **Georgia**, **30345**, have invented certain inventions and improvements disclosed in an application for United States Letters Patent entitled **Privacy Control of Location Information**, executed on even date herewith, and listing as inventor(s): **Scott Frank, Robert Starr, John Ruckart, Steven Tischer, and Samuel Zellner**;

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, **John Ruckart**, 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 any 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.

6/28/07  
Date

[Signature]  
John Ruckart

STATE OF Georgia

COUNTY OF Coweta

Before me, a Notary Public in and for the State of GA, on this 28<sup>th</sup> day of June, 2007, personally appeared **John Ruckart**, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

[Signature]  
NOTARY PUBLIC  
My Commission Expires: \_\_\_\_\_  
Notary Public, Coweta County, Georgia  
My Commission Expires December 18, 2009