

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT2696221

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>MICHAEL S. DENNY</td> <td>12/10/2013</td> </tr> <tr> <td>BRIAN DOMINGUEZ</td> <td>01/17/2014</td> </tr> <tr> <td>BRIAN GREAVES</td> <td>12/10/2013</td> </tr> <tr> <td>CRAIG LEE</td> <td>12/20/2013</td> </tr> <tr> <td>RICARDO NIEDERMEYER</td> <td>01/24/2014</td> </tr> <tr> <td>STEVEN NEIL TISCHER</td> <td>12/16/2013</td> </tr> </tbody> </table>		Name	Execution Date	MICHAEL S. DENNY	12/10/2013	BRIAN DOMINGUEZ	01/17/2014	BRIAN GREAVES	12/10/2013	CRAIG LEE	12/20/2013	RICARDO NIEDERMEYER	01/24/2014	STEVEN NEIL TISCHER	12/16/2013
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MICHAEL S. DENNY	12/10/2013														
BRIAN DOMINGUEZ	01/17/2014														
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<table border="1"> <tr> <td>Name:</td> <td>AT&T INTELLECTUAL PROPERTY I, L.P.</td> </tr> <tr> <td>Street Address:</td> <td>675 WEST PEACHTREE STREET</td> </tr> <tr> <td>City:</td> <td>ATLANTA</td> </tr> <tr> <td>State/Country:</td> <td>GEORGIA</td> </tr> <tr> <td>Postal Code:</td> <td>30308</td> </tr> </table>		Name:	AT&T INTELLECTUAL PROPERTY I, L.P.	Street Address:	675 WEST PEACHTREE STREET	City:	ATLANTA	State/Country:	GEORGIA	Postal Code:	30308				
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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>14109145</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14109145										
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CORRESPONDENCE DATA															
Fax Number:															
Phone:	732-542-2280														
Email:	RCOWEN@WALLTONG.COM														

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: RYAN S. COWEN/WALL&TONG
Address Line 1: 25 JAMES WAY
Address Line 4: EATONTOWN, NEW JERSEY 07724

ATTORNEY DOCKET NUMBER:	2013-0992
NAME OF SUBMITTER:	KIN-WAH TONG
Signature:	/Kin-Wah Tong/
Date:	01/24/2014

Total Attachments: 12

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ASSIGNMENT

WHEREAS I, **Michael S. Denny** residing at **Sharpsburg, Georgia** hereafter referred to as Assignor, am listed as an inventor on a patent application entitled "**METHOD, COMPUTER-READABLE STORAGE DEVICE AND APPARATUS FOR EXCHANGING VEHICLE INFORMATION**" having AT&T Docket No. **2013-0992**, the patent application to be filed in the United States Patent & Trademark Office; and

WHEREAS, **AT&T Intellectual Property I, L.P.**, a **Partnership** organized and existing under the laws of **Nevada** and having an address at **675 West Peachtree Street, Atlanta, Georgia, 30308** (hereinafter referred to as Assignee), desires to acquire the entire right, title and interest for the United States of America and elsewhere throughout the world in and to said invention and the patent application identified above, including any and all divisions and continuations thereof and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereto;

NOW THEREFORE, be it known that for and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I, as Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my entire right, title, and interest in and to this invention and this non-provisional application, and all divisions, substitutions, and continuations thereof; and all Letters Patent of the United States which may be granted thereon, and all reexaminations and reissues thereof; and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application; and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, including certificates of inventions, utility models, industrial design protection, design patent protection, and other governmental grants or issuances; and all extensions, renewals, prolongations, and reissues thereof; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term and terms for all such patents;

AND, I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any assignment, sale, license, agreement, or encumbrance in conflict with this Assignment;

AND, I HEREBY further covenant and agree, for the Assignor and the Assignor's legal representatives, that I will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention; assist the Assignee in the prosecution of the patent application identified above; assist in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; testify in any interference, litigation, or other legal proceeding; sign all lawful papers when called upon to do so; execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns; execute all divisional, continuation, and reissue applications; make all rightful oaths and generally do everything

possible to aid Assignee, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee; and hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without compensation, but at the expense of Assignee or its representatives.

AND, I HEREBY consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of **AT&T Intellectual Property I, L.P.** to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

This Assignment may be executed in any number of counterparts, each of which when so executed and delivered shall be deemed an original, and such counterparts together shall constitute one and the same instrument. A facsimile copy of this Assignment, or any form of an electronic copy of this Assignment, including the signature pages hereto, shall be deemed to be an original.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 10th day of DECEMBER, 2013.

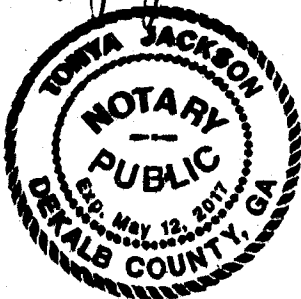
Michael S. Denny
Michael S. Denny

State of Georgia)
County of DeKalb)

On this 10 day of December, 2013, before me a Notary Public in and for the above County and State, personally appeared **Michael S. Denny**, and acknowledged the execution of the foregoing assignment as his/her free act and deed for the purpose herein set forth.

Tonya Jackson
Notary Public

My Commission Expires: 05/12/2017



ASSIGNMENT

WHEREAS I, **Brian Dominguez** residing at **Atlanta, Georgia** hereafter referred to as Assignor, am listed as an inventor on a patent application entitled "**METHOD, COMPUTER-READABLE STORAGE DEVICE AND APPARATUS FOR EXCHANGING VEHICLE INFORMATION**" having AT&T Docket No. 2013-0992, filed December 17, 2013 in the United States Patent & Trademark Office and assigned the patent application number 14/109,145; and

WHEREAS, **AT&T Mobility II LLC**, a **limited liability company** organized and existing under the laws of **Delaware** and having an address at **1025 Lenox Park Boulevard, Atlanta, Georgia, 30319** (hereinafter referred to as Assignee), desires to acquire the entire right, title and interest for the United States of America and elsewhere throughout the world in and to said invention and the patent application identified above, including any and all divisions and continuations thereof and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereto;

NOW THEREFORE, be it known that for and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I, as Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my entire right, title, and interest in and to this invention and this non-provisional application, and all divisions, substitutions, and continuations thereof; and all Letters Patent of the United States which may be granted thereon, and all reexaminations and reissues thereof; and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application; and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, including certificates of inventions, utility models, industrial design protection, design patent protection, and other governmental grants or issuances; and all extensions, renewals, prolongations, and reissues thereof; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term and terms for all such patents;

AND, I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any assignment, sale, license, agreement, or encumbrance in conflict with this Assignment;

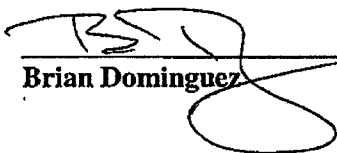
AND, I HEREBY further covenant and agree, for the Assignor and the Assignor's legal representatives, that I will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention; assist the Assignee in the prosecution of the patent application identified above; assist in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; testify in any interference, litigation, or other legal proceeding; sign all lawful papers when called upon to do so; execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns; execute all divisional, continuation, and reissue applications; make all rightful oaths and generally do everything

possible to aid Assignee, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee; and hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without compensation, but at the expense of Assignee or its representatives.

AND, I HEREBY consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of **AT&T Mobility II LLC**. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

This Assignment may be executed in any number of counterparts, each of which when so executed and delivered shall be deemed an original, and such counterparts together shall constitute one and the same instrument. A facsimile copy of this Assignment, or any form of an electronic copy of this Assignment, including the signature pages hereto, shall be deemed to be an original.

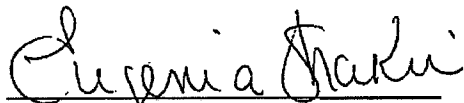
IN TESTIMONY WHEREOF, I have hereunto set my hand this 17 day of JANUARY, 2014.



Brian Dominguez

State of Georgia)
County of Dekalb)

On this 17 day of January, 2014, before me a Notary Public in and for the above County and State, personally appeared **Brian Dominguez**, and acknowledged the execution of the foregoing assignment as his/her free act and deed for the purpose herein set forth.



Notary Public

My Commission Expires: May 18, 2014

Eugenia Shakir
NOTARY PUBLIC
Dekalb County, Georgia
My Comm. Expires
05/18/2014

ASSIGNMENT

WHEREAS I, **Brian Greaves** residing at **Atlanta, Georgia** hereafter referred to as Assignor, am listed as an inventor on a patent application entitled "**METHOD, COMPUTER-READABLE STORAGE DEVICE AND APPARATUS FOR EXCHANGING VEHICLE INFORMATION**" having AT&T Docket No. **2013-0992**, the patent application to be filed in the United States Patent & Trademark Office; and

WHEREAS, **AT&T Mobility II LLC**, a limited liability company organized and existing under the laws of **Delaware** and having an address at **1025 Lenox Park Boulevard, Atlanta, Georgia, 30319** (hereinafter referred to as Assignee), desires to acquire the entire right, title and interest for the United States of America and elsewhere throughout the world in and to said invention and the patent application identified above, including any and all divisions and continuations thereof and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereto;

NOW THEREFORE, be it known that for and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration the receipt of which from Assignor is hereby acknowledged, I, as Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my entire right, title, and interest in and to this invention and this non-provisional application, and all divisions, substitutions, and continuations thereof; and all Letters Patent of the United States which may be granted thereon, and all reexaminations and reissues thereof; and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application; and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, including certificates of inventions, utility models, industrial design protection, design patent protection, and other governmental grants or issuances; and all extensions, renewals, prolongations, and reissues thereof; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term and terms for all such patents;

AND, I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any assignment, sale, license, agreement, or encumbrance in conflict with this Assignment;


AND, I HEREBY further covenant and agree, for the Assignor and the Assignor's legal representatives, that I will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention; assist the Assignee in the prosecution of the patent application identified above; assist in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; testify in any interference, litigation, or other legal proceeding; sign all lawful papers when called upon to do so; execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns; execute all divisional, continuation, and reissue applications; make all rightful oaths and generally do everything

possible to aid Assignee, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee; and hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without compensation, but at the expense of Assignee or its representatives.

AND, I HEREBY consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of **AT&T Mobility II LLC**. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 10 day of DECEMBER 2013.



Brian Greaves

State of CA)

County of FULTON)

On this 10th day of December, 2013, before me a Notary Public in and for the above County and State, personally appeared **Brian Greaves**, and acknowledged the execution of the foregoing assignment as his/her free act and deed for the purpose herein set forth.



Notary Public

My Commission Expires: May 18, 2014

Eugenia Shakir
NOTARY PUBLIC
DeKalb County, Georgia
My Comm. Expires
05/18/2014

ASSIGNMENT

WHEREAS I, **Craig Lee** residing at **Frisco, Texas** hereafter referred to as Assignor, am listed as an inventor on a patent application entitled "**METHOD, COMPUTER-READABLE STORAGE DEVICE AND APPARATUS FOR EXCHANGING VEHICLE INFORMATION**" having AT&T Docket No. **2013-0992**, the patent application to be filed in the United States Patent & Trademark Office; and

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NOW THEREFORE, be it known that for and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I, as Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my entire right, title, and interest in and to this invention and this non-provisional application, and all divisions, substitutions, and continuations thereof; and all Letters Patent of the United States which may be granted thereon, and all reexaminations and reissues thereof; and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application; and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, including certificates of inventions, utility models, industrial design protection, design patent protection, and other governmental grants or issuances; and all extensions, renewals, prolongations, and reissues thereof; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term and terms for all such patents;

AND, I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 20 day of December, 2013.

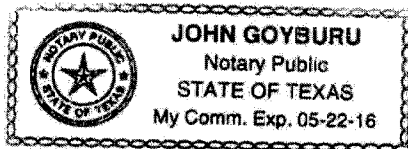
Craig Lee
Craig Lee

State of Texas)
County of Collin)

On this 20 day of December, 2013, before me a Notary Public in and for the above County and State, personally appeared Craig Lee, and acknowledged the execution of the foregoing assignment as his/her free act and deed for the purpose herein set forth.

John Goyburu
Notary Public

My Commission Expires: MAY 22, 2016



ASSIGNMENT

WHEREAS I, **Ricardo Niedermeyer** residing at **Smyrna, Georgia** hereafter referred to as Assignor, am listed as an inventor on a patent application entitled "**METHOD, COMPUTER-READABLE STORAGE DEVICE AND APPARATUS FOR EXCHANGING VEHICLE INFORMATION**" having AT&T Docket No. **2013-0992**, filed December 17, 2013 in the United States Patent & Trademark Office and assigned the patent application number 14/109,145; and

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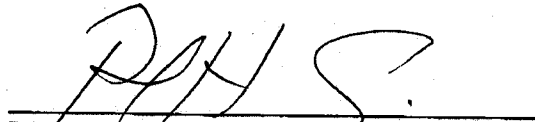
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AND, I HEREBY consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of **AT&T Mobility II LLC**. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

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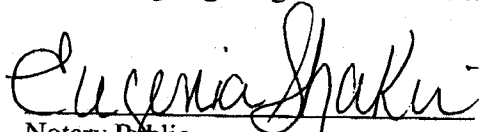
IN TESTIMONY WHEREOF, I have hereunto set my hand this 24th day of 2014, 2014.



Ricardo Niedermeyer

State of Georgia)
County of Dekalb)

On this 24th day of January, 2014, before me a Notary Public in and for the above County and State, personally appeared **Ricardo Niedermeyer**, and acknowledged the execution of the foregoing assignment as his/her free act and deed for the purpose herein set forth.


Notary Public

My Commission Expires: May 18, 2014

Eugenia Shakir
NOTARY PUBLIC
Dekalb County, Georgia
My Comm. Expires
05/18/2014

ASSIGNMENT

WHEREAS I, **Steven Neil Tischer** residing at **Atlanta, Georgia** hereafter referred to as Assignor, am listed as an inventor on a patent application entitled "**METHOD, COMPUTER-READABLE STORAGE DEVICE AND APPARATUS FOR EXCHANGING VEHICLE INFORMATION**" having AT&T Docket No. **2013-0992**, the patent application to be filed in the United States Patent & Trademark Office; and

WHEREAS, **AT&T Intellectual Property I, L.P.**, a Partnership organized and existing under the laws of **Nevada** and having an address at **675 West Peachtree Street, Atlanta, Georgia, 30308** (hereinafter referred to as Assignee), desires to acquire the entire right, title and interest for the United States of America and elsewhere throughout the world in and to said invention and the patent application identified above, including any and all divisions and continuations thereof and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereto;

NOW THEREFORE, be it known that for and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I, as Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my entire right, title, and interest in and to this invention and this non-provisional application, and all divisions, substitutions, and continuations thereof; and all Letters Patent of the United States which may be granted thereon, and all reexaminations and reissues thereof; and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application; and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, including certificates of inventions, utility models, industrial design protection, design patent protection, and other governmental grants or issuances; and all extensions, renewals, prolongations, and reissues thereof; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term and terms for all such patents;

AND, I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any assignment, sale, license, agreement, or encumbrance in conflict with this Assignment;

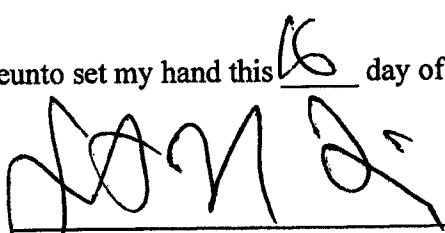
AND, I HEREBY further covenant and agree, for the Assignor and the Assignor's legal representatives, that I will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention; assist the Assignee in the prosecution of the patent application identified above; assist in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; testify in any interference, litigation, or other legal proceeding; sign all lawful papers when called upon to do so; execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns; execute all divisional, continuation, and reissue applications; make all rightful oaths and generally do everything

possible to aid Assignee, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee; and hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without compensation, but at the expense of Assignee or its representatives.

AND, I HEREBY consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of **AT&T Intellectual Property I, L.P.** to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

This Assignment may be executed in any number of counterparts, each of which when so executed and delivered shall be deemed an original, and such counterparts together shall constitute one and the same instrument. A facsimile copy of this Assignment, or any form of an electronic copy of this Assignment, including the signature pages hereto, shall be deemed to be an original.


IN TESTIMONY WHEREOF, I have hereunto set my hand this 16 day of December 2013.



Steven Neil Tischer

State of Georgia)
County of Fulton)

On this 16 day of December, 2013, before me a Notary Public in and for the above County and State, personally appeared **Steven Neil Tischer**, and acknowledged the execution of the foregoing assignment as his/her free act and deed for the purpose herein set forth.



Notary Public

My Commission Expires: July 28, 2014

JOSHUA SIANO
NOTARY PUBLIC
Fulton County - State of Georgia
My Comm. Expires July 28, 2014