

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT2591133

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>KAUSTUBH JOSHI</td> <td>10/07/2013</td> </tr> <tr> <td>EDWARD SCOTT DANIELS</td> <td>10/08/2013</td> </tr> <tr> <td>MATTI A. HILTUNEN</td> <td>10/08/2013</td> </tr> </tbody> </table>		Name	Execution Date	KAUSTUBH JOSHI	10/07/2013	EDWARD SCOTT DANIELS	10/08/2013	MATTI A. HILTUNEN	10/08/2013
Name	Execution Date								
KAUSTUBH JOSHI	10/07/2013								
EDWARD SCOTT DANIELS	10/08/2013								
MATTI A. HILTUNEN	10/08/2013								
RECEIVING PARTY DATA									
Name:	AT&T INTELLECTUAL PROPERTY I, L.P.								
Street Address:	675 W. PEACHTREE STREET								
Internal Address:	SUITE 4000								
City:	ATLANTA								
State/Country:	DELAWARE								
Postal Code:	30308								
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>14042089</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14042089				
Property Type	Number								
Application Number:	14042089								
CORRESPONDENCE DATA									
Fax Number:	(919)469-4139								
Phone:	919-469-2629								
Email:	scott@scottzimmerman.com								
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>									
Correspondent Name:	SCOTT P. ZIMMERMAN, PLLC								
Address Line 1:	P. O. BOX 3822								
Address Line 4:	CARY, NORTH CAROLINA 27519								
ATTORNEY DOCKET NUMBER:	2013-0894								
NAME OF SUBMITTER:	SCOTT P. ZIMMERMAN								
Signature:	/Scott P. Zimmerman/								

OP \$40.00 14042089

Date:

10/25/2013

Total Attachments: 6

source=2013-0894 Signed Assignment - Hiltunen#page1.tif

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source=2013-0894 Signed Assignment - Joshi#page2.tif

ASSIGNMENT

WHEREAS I, **Matti A. Hiltunen** residing at **24 Dellwood Avenue, Morristown, NJ 07960** hereafter referred to as Assignor, am listed as an inventor on a patent application entitled "**Locational Prediction of Failures,**" having AT&T Docket No. **2013-0894**, 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 W. Peachtree Street, Suite 4000, Atlanta, GA 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 08 day of October, 2013.

Matti A. Hiltunen
Matti A. Hiltunen

State of New Jersey)

County of Somerset)

On this 08 day of October, 2013, before me a Notary Public in and for the above County and State, personally appeared the above person, and acknowledged the execution of the foregoing assignment as his/her free act and deed for the purpose herein set forth.

Jennifer Veroniga
Notary Public

My Commission Expires: 8/29/18

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JENNIFER MARIE VERRINGIA
NOTARY PUBLIC OF NEW JERSEY
ID # 2437679
My Commission Expires 8/29/2018

ASSIGNMENT

WHEREAS I, **Edward Scott Daniels** residing at **525 Charles Ct., Wadsworth, OH 44281** hereafter referred to as Assignor, am listed as an inventor on a patent application entitled "**Locational Prediction of Failures**," having AT&T Docket No. **2013-0894**, 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 W. Peachtree Street, Suite 4000, Atlanta, GA 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.

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 8 day of October, 2013.

Edward Scott Daniels
Edward Scott Daniels

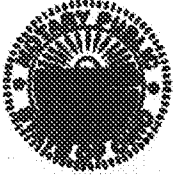
State of Ohio)
County of Medina)

On this 8 day of October, 2013, before me a Notary Public in and for the above County and State, personally appeared the above person, and acknowledged the execution of the foregoing assignment as his/her free act and deed for the purpose herein set forth.

Nicole M Spinden

Notary Public

My Commission Expires: January 22, 2017



NICOLE M. SPINDEN
Notary Public, State of Ohio
My Commission Expires Jan. 22, 2017
Recorded in Medina County

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ASSIGNMENT

WHEREAS I, **Kaustubh Joshi** residing at **2365 Morse Ave, Scotch Plain, NJ 07076** hereafter referred to as Assignor, am listed as an inventor on a patent application entitled "**Locational Prediction of Failures,**" having AT&T Docket No. **2013-0894**, 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 W. Peachtree Street, Suite 4000, Atlanta, GA 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;

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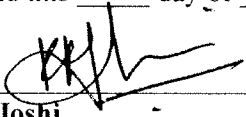
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Assignment, or any form of an electronic copy of this Assignment, including the signature pages hereto, shall be deemed to be an original.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 07 day of October, 2013.

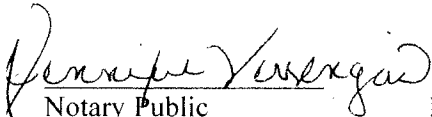


Kaustubh Joshi

State of New Jersey)

County of Passaic)

On this 07 day of October, 2013, before me a Notary Public in and for the above County and State, personally appeared the above person, 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: 8/29/2018

Page 2 of 2

JENNIFER MARIE VERRENGIA
NOTARY PUBLIC OF NEW JERSEY
ID # 2437879
My Commission Expires 8/29/2018