

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Venson M. Shaw</td> <td>06/08/2012</td> </tr> <tr> <td>Terry Figurelle</td> <td>06/11/2012</td> </tr> <tr> <td>Qingmin Hu</td> <td>06/08/2012</td> </tr> <tr> <td>Ryan Redfern</td> <td>06/15/2012</td> </tr> <tr> <td>Jianrong Wang</td> <td>06/11/2012</td> </tr> </tbody> </table>		Name	Execution Date	Venson M. Shaw	06/08/2012	Terry Figurelle	06/11/2012	Qingmin Hu	06/08/2012	Ryan Redfern	06/15/2012	Jianrong Wang	06/11/2012
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RECEIVING PARTY DATA													
Name:	AT&T Intellectual Property I, L.P.												
Street Address:	675 West Peachtree Street												
Internal Address:	Suite 4000												
City:	Atlanta												
State/Country:	GEORGIA												
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>13525554</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13525554								
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Application Number:	13525554												
CORRESPONDENCE DATA													
Fax Number:	(215)568-3439												
Phone:	2155683100												
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
Correspondent Name:	Woodcock Washburn LLP												
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Address Line 4:	Philadelphia, PENNSYLVANIA 19104												
ATTORNEY DOCKET NUMBER:	2011-0645/ATTM-1653												

CH \$40.00 13525554

NAME OF SUBMITTER:

Ouida M. Howard

Total Attachments: 10

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DOCKET NO.: 2011-0645/ATTM-1653

ASSIGNMENT

WHEREAS, I, **Venson M. Shaw** citizen of **United States of America**, residing at **4720 117th Place NE, Kirkland, Washington 98033**, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number **2011-0645/ATTM-1653** ("the invention"), which is entitled **Long Term Evolution Network Dynamic Overload Management** ("the subject application"). I authorize and direct any of the attorneys responsible for prosecuting the subject application on behalf of the ASSIGNEE to insert the application number and filing date of the subject application in the final paragraph of this assignment.

AND WHEREAS, **AT&T Intellectual Property I, L.P.**, ASSIGNEE, having a place of business at **675 West Peachtree Street, Suite 4000, Atlanta, Georgia 30308**, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal

DOCKET NO.: 2011-0645/ATTM-1653

representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 8th day of June, year of 2012.

[Handwritten Signature]

Signature

STATEMENT OF NOTARY PUBLIC

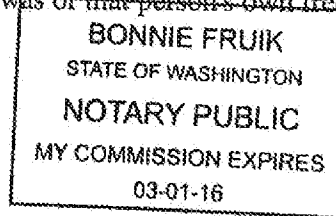
STATE OF WASHINGTON:

: SS

COUNTY OF KING:

On this 8th day of JUNE, year of 2012, before me personally came the above named VEDSON SHAW to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Bonnie Fruik
Notary Public



The foregoing assignment covers patent application number 13/525,554, filed on 6/18/12.

[Handwritten Signature]

Name of Attorney: Aaron F. Bourgeois
Registration No.: 57,936
Date of Insertion:

ASSIGNMENT

WHEREAS, I, **Terry Figurelle**, citizen of **United States of America**, residing at **17725 NE 108th Way, Redmond, Washington 98052**, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number **2011-0645/ATTM-1653** (“the invention”), which is entitled **Long Term Evolution Network Dynamic Overload Management** (“the subject application”). I authorize and direct any of the attorneys responsible for prosecuting the subject application on behalf of the ASSIGNEE to insert the application number and filing date of the subject application in the final paragraph of this assignment.

AND WHEREAS, **AT&T Intellectual Property I, L.P.**, ASSIGNEE, having a place of business at **675 West Peachtree Street, Suite 4000, Atlanta, Georgia 30308**, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal

DOCKET NO.: 2011-0645/ATTM-1653

representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this June day of 11, year of 2012.

[Signature]
Signature

STATEMENT OF NOTARY PUBLIC

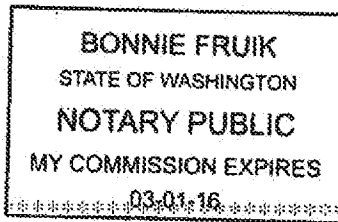
STATE OF Washington:

: SS

COUNTY OF King:

On this 11th day of June, year of 2012, before me personally came the above named Terry Figurello to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

[Signature]
Notary Public



The foregoing assignment covers patent application number 13/525,554, filed on 6/18/12.

[Signature]

Name of Attorney: Aaron F. Bourgeois
Registration No.: 57,936
Date of Insertion:

DOCKET NO.: 2011-0645/ATTM-1653

ASSIGNMENT

WHEREAS, I, ~~Qingmin James~~ **Hu**, citizen of **United States of America**, residing at **1135 236th Place NE, Sammamish, Washington 98074**, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number **2011-0645/ATTM-1653** ("the invention"), which is entitled **Long Term Evolution Network Dynamic Overload Management** ("the subject application"). I authorize and direct any of the attorneys responsible for prosecuting the subject application on behalf of the ASSIGNEE to insert the application number and filing date of the subject application in the final paragraph of this assignment.

AND WHEREAS, **AT&T Intellectual Property I, L.P.**, ASSIGNEE, having a place of business at **675 West Peachtree Street, Suite 4000, Atlanta, Georgia 30308**, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

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AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal

DOCKET NO.: 2011-0645/ATTM-1653

representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 8th day of June, year of 2012.

Qingmin Lu
Signature

STATEMENT OF NOTARY PUBLIC

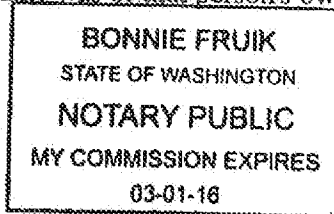
STATE OF WASHINGTON:

: SS

COUNTY OF KING:

On this 8th day of JUNE, year of 2012, before me personally came the above named QINGMIN LU to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Bonnie Fruik
Notary Public



The foregoing assignment covers patent application number 13/525,554, filed on 6/18/12.

Aaron F. Bourgeois

Name of Attorney: Aaron F. Bourgeois

Registration No.: 57,936

Date of Insertion:

DOCKET NO.: 2011-0645/ATTM-1653

ASSIGNMENT

WHEREAS, I, **Ryan Redfern**, citizen of **United States of America**, residing at **17013 Pires Avenue, Cerritos, California 90703**, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number **2011-0645/ATTM-1653** ("the invention"), which is entitled **Long Term Evolution Network Dynamic Overload Management** ("the subject application"). I authorize and direct any of the attorneys responsible for prosecuting the subject application on behalf of the ASSIGNEE to insert the application number and filing date of the subject application in the final paragraph of this assignment.

AND WHEREAS, **AT&T Intellectual Property I, L.P.**, ASSIGNEE, having a place of business at **675 West Peachtree Street, Suite 4000, Atlanta, Georgia 30308**, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

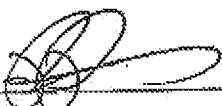
AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal

DOCKET NO.: 2011-0645/ATTM-1653

representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 15th day of June, year of 2012.

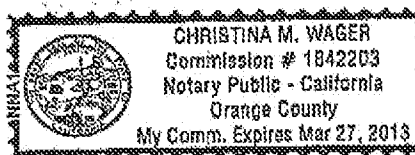


Signature

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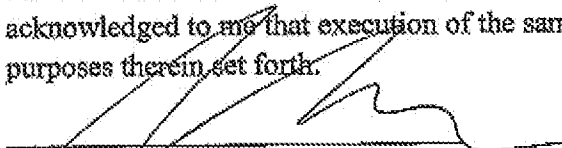
STATE OF CALIFORNIA:

: SS



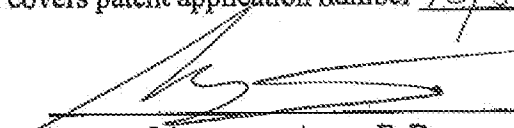
COUNTY OF LOS ANGELES

On this 15th day of JUNE, year of 2012, before me personally came the above named RYN EXIC REDFERN to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.



Notary Public

The foregoing assignment covers patent application number 13/525,554, filed on 6/18/12.



Name of Attorney: Aaron F. Bourgeois
Registration No.: 57,936
Date of Insertion:

DOCKET NO.: 2011-0645/ATTM-1653

ASSIGNMENT

WHEREAS, I, **Jianrong Wang**, citizen of **United States of America**, residing at **23106 SE 14th Street, Sammamish, Washington 98075**, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number **2011-0645/ATTM-1653** ("the invention"), which is entitled **Long Term Evolution Network Dynamic Overload Management** ("the subject application"). I authorize and direct any of the attorneys responsible for prosecuting the subject application on behalf of the ASSIGNEE to insert the application number and filing date of the subject application in the final paragraph of this assignment.

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Executed this 11th day of June, year of 2012.

[Signature]
Signature

STATEMENT OF NOTARY PUBLIC

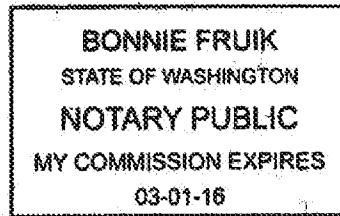
STATE OF Washington:

: SS

COUNTY OF King:

On this 11th day of June, year of 2012, before me personally came the above named Jiamong Wang to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Bonnie Fruik
Notary Public



The foregoing assignment covers patent application number 13/525,554, filed on 6/18/12.

[Signature]
Name of Attorney: Aaron F. Bourgeois
Registration No.: 57,936
Date of Insertion: