

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6907203

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the EXECUTION DATE FOR ASSIGNOR RYAN REDFERN. previously recorded on Reel 048452 Frame 0679. Assignor(s) hereby confirms the ASSIGNMENT..
CONVEYING PARTY DATA	
Name	Execution Date
RAJENDRA PRASAD KODAYPAK	02/21/2019
RYAN REDFERN	10/23/2020
JIANSONG WANG	02/23/2019
RECEIVING PARTY DATA	
Name:	AT&T INTELLECTUAL PROPERTY I, L.P.
Street Address:	754 PEACHTREE ST. NE
Internal Address:	SUITE 7C
City:	ATLANTA
State/Country:	GEORGIA
Postal Code:	30308
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16286964
CORRESPONDENCE DATA	
Fax Number:	(216)696-8731
<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>	
Phone:	216-696-8730
Email:	epas@thepatentattorneys.com
Correspondent Name:	AMIN, TUROCY & WATSON, LLP
Address Line 1:	200 PARK AVENUE
Address Line 2:	SUITE 300
Address Line 4:	BEACHWOOD, OHIO 44122
ATTORNEY DOCKET NUMBER:	2017-1450/ATTWP1152US
NAME OF SUBMITTER:	THOMAS E. WATSON
SIGNATURE:	/Thomas E. Watson/
DATE SIGNED:	09/09/2021
Total Attachments: 9	

source=2017-1450_Assignment#page1.tif
source=2017-1450_Assignment#page2.tif
source=2017-1450_Assignment#page3.tif
source=2017-1450_Assignment#page4.tif
source=2017-1450_Assignment#page5.tif
source=2017-1450_Assignment#page6.tif
source=2017-1450_Assignment#page7.tif
source=2017-1450_Assignment#page8.tif
source=2017-1450_Assignment#page9.tif

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>RAJENDRA PRASAD KODAYPAK</td><td>02/21/2019</td></tr><tr><td>RYAN REDFERN</td><td>02/20/2019 10/23/2020</td></tr><tr><td>JIANSONG WANG</td><td>02/23/2019</td></tr></tbody></table>	Name	Execution Date	RAJENDRA PRASAD KODAYPAK	02/21/2019	RYAN REDFERN	02/20/2019 10/23/2020	JIANSONG WANG	02/23/2019					
Name	Execution Date												
RAJENDRA PRASAD KODAYPAK	02/21/2019												
RYAN REDFERN	02/20/2019 10/23/2020												
JIANSONG WANG	02/23/2019												
RECEIVING PARTY DATA													
<table><tr><td>Name:</td><td>AT&T INTELLECTUAL PROPERTY I, L.P.</td></tr><tr><td>Street Address:</td><td>675 W. PEACHTREE STREET</td></tr><tr><td>Internal Address:</td><td>SUITE 4000</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 W. PEACHTREE STREET	Internal Address:	SUITE 4000	City:	ATLANTA	State/Country:	GEORGIA	Postal Code:	30308	
Name:	AT&T INTELLECTUAL PROPERTY I, L.P.												
Street Address:	675 W. PEACHTREE STREET												
Internal Address:	SUITE 4000												
City:	ATLANTA												
State/Country:	GEORGIA												
Postal Code:	30308												
PROPERTY NUMBERS Total: 1													
<table><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>16286964</td></tr></tbody></table>	Property Type	Number	Application Number:	16286964									
Property Type	Number												
Application Number:	16286964												
CORRESPONDENCE DATA													
Fax Number:	(216)696-8731												
Phone:	404-927-2780												
Email:	epas@thepatentattorneys.com												
<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>													
Correspondent Name:	AT&T LEGAL DEPARTMENT - AT&W ATTN: PATE												
Address Line 1:	ROOM 2A 212												
Address Line 2:	ONE AT&T WAY												
Address Line 4:	BEDMINSTER, NEW JERSEY 07921												
ATTORNEY DOCKET NUMBER:	2017-1450/ATTWP1152US												
NAME OF SUBMITTER:	PATRICA S. MURPHY												
Signature:	/Patrica S. Murphy/												
Date:	02/27/2019												

PATENT
REEL: 057446 FRAME: 0291

9/9/2021, 12:27 PM

Total Attachments: 7

source=2017-1450_Assignment#page1.tif
source=2017-1450_Assignment#page2.tif
source=2017-1450_Assignment#page3.tif
source=2017-1450_Assignment#page4.tif
source=2017-1450_Assignment#page5.tif
source=2017-1450_Assignment#page6.tif
source=2017-1450_Assignment#page7.tif

RECEIPT INFORMATION

EPAS ID: PAT5395535
Receipt Date: 02/27/2019

ASSIGNMENT

WHEREAS I, **Rajendra Prasad Kodaypak** residing at **21415 S.E. 2nd Street, Sammamish, WA 98074**, hereafter referred to as Assignor, am listed as an inventor on a patent application entitled **"DEVICE CONTEXTS, OPERATIONAL MODES, AND POLICY DRIVEN ENHANCEMENTS FOR PAGING IN ADVANCED NETWORKS,"** having AT&T Docket No. **2017-1450**, the patent application to be filed in the United States Patent & Trademark Office, or which was filed as U.S. Patent Application Serial No. 16/286,964 on 02/27/2019; 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;

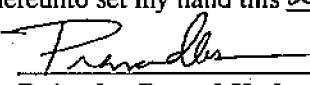
AND, I HEREBY further covenant and agree, for the Assignor and the Assignor's legal representatives, that I will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention; assist the Assignee in the prosecution of the patent 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.

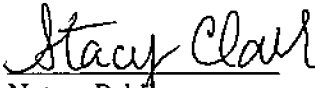
I hereby authorize and request Amin, Turocy & Watson, LLP to insert the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 21 day of February 2019.

Rajendra Prasad Kodaypak

State of Washington)

County of King)

On this 21 day of February, 2019, before me a Notary Public in and for the above County and State, personally appeared Rajendra Prasad Kodaypak, 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: 5-27-2019



Page 2 of 2

ASSIGNMENT

WHEREAS I, **Ryan Redfern** residing at **17013 Pires Ave., Cerritos, CA 90703**, hereafter referred to as Assignor, am listed as an inventor on a patent application entitled “**DEVICE CONTEXTS, OPERATIONAL MODES, AND POLICY DRIVEN ENHANCEMENTS FOR PAGING IN ADVANCED NETWORKS**,” having AT&T Docket No. **2017-1450**, the patent application to be filed in the United States Patent & Trademark Office, or which was filed as U.S. Patent Application Serial No. 16/286,964 on 02/27/2019; 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;

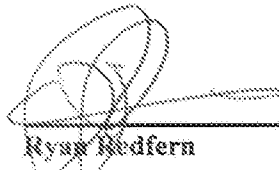
AND, I HEREBY further covenant and agree, for the Assignor and the Assignor's legal representatives, that I will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention; assist the Assignee in the prosecution of the patent 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

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/we 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/we have hereunto set my hand this 23rd day of October, 2020.



Ryan Redfern

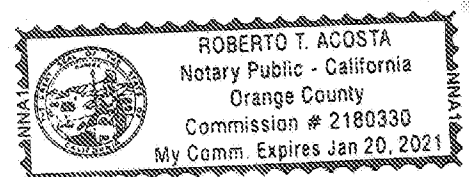
State of California)

County of Los Angeles)

On this 23rd day of October, 2020, before me a Notary Public in and for the above County and State, personally appeared Ryan Redfern and acknowledged the execution of the foregoing assignment as his/her free act and deed for the purpose herein set forth.

Roberto T. Acosta, Notary Public
Notary Public

My Commission Expires: 01/20/2021



California All-Purpose Acknowledgment

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document, to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

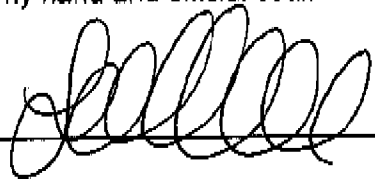
County of

On 02/26/19 before me, Larain Oliva, notary public, personally appeared ***Ryan Redfren***, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify UNDER PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature



(Seal)



Optional

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal of this reattachment of this form to another document.

Description of Attached Document

Title or Type of Document:

Assignment

Document Date:

2.26.2019

of Pages:

2

Signer(s) Other Than Named Above:

ASSIGNMENT

WHEREAS I, **Jiansong Wang** residing at **9 Malcolm Way, Lincroft, NJ 07738**, hereafter referred to as Assignor, am listed as an inventor on a patent application entitled **"DEVICE CONTEXTS, OPERATIONAL MODES, AND POLICY DRIVEN ENHANCEMENTS FOR PAGING IN ADVANCED NETWORKS,"** having AT&T Docket No. **2017-1450**, the patent application to be filed in the United States Patent & Trademark Office, or which was filed as U.S. Patent Application Serial No. 16/286,964 on 02/27/2019; 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.

I hereby authorize and request Amin, Turcoy & Watson, LLP to insert the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 23rd day of February, 2019.

Jiansong Wang
Jiansong Wang

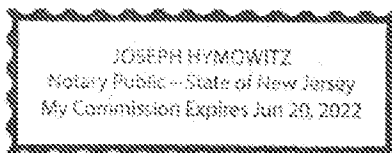
State of New Jersey,

County of Hudson

On this 23 day of February, 2019, before me a Notary Public in and for the above County and State, personally appeared Jiansong Wang, 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: 6/20/2022



Page 2 of 2