

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5700306

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KATHLEEN MEIER-HELLSTERN	07/09/2019
LAURIE BIGLER	07/05/2019
ARUN JOTSHI	07/10/2019
MICHAEL ORTH	07/09/2019
PHYLLIS WEISS	07/09/2019
RAVI RAINA	08/06/2019
WENZIE ZHAO	07/09/2019
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:	GEORGIA
Postal Code:	30308
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16507567
CORRESPONDENCE DATA	
Fax Number:	(847)510-0710
<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>	
Email:	docketing@ggip.com
Correspondent Name:	AT&T LEGAL DEPARTMENT - GG ATTN: PATENT
Address Line 1:	ROOM 2A-207
Address Line 2:	ONE AT&T WAY
Address Line 4:	BEDMINSTER, NEW JERSEY 07921
ATTORNEY DOCKET NUMBER:	2018-0921_7785-1935A
NAME OF SUBMITTER:	DEVON WEIDE
SIGNATURE:	/Devon Weide/

DATE SIGNED:	09/04/2019
---------------------	------------

Total Attachments: 10

- source=7785-1935A_AssignmentSignedALL#page1.tif
- source=7785-1935A_AssignmentSignedALL#page2.tif
- source=7785-1935A_AssignmentSignedALL#page3.tif
- source=7785-1935A_AssignmentSignedALL#page4.tif
- source=7785-1935A_AssignmentSignedALL#page5.tif
- source=7785-1935A_AssignmentSignedALL#page6.tif
- source=7785-1935A_AssignmentSignedALL#page7.tif
- source=7785-1935A_AssignmentSignedALL#page8.tif
- source=7785-1935A_AssignmentSignedALL#page9.tif
- source=7785-1935A_AssignmentSignedALL#page10.tif

ASSIGNMENT

WHEREAS We, **KATHLEEN MEIER-HELLSTERN**, residing at 17 Evans Dr, Cranbury, NJ 08512, and **LAURIE BIGLER**, residing at 330 Denise Lane, Lafayette, CA 94549, and **ARUN JOTSHI**, residing at 5 Gordon Circle, Parsippany, NJ 07054, and **MICHAEL ORTH**, residing at 91 Woodbury Rd, Edison, NJ 08820, and **PHYLLIS WEISS**, residing at 258 East Linden Ave, Englewood, NJ 07631, and **RAVI RAINA**, residing at 955 Route 518, Skillman, NJ 08558, and **WENJIE ZHAO**, residing at 14 Meetinghouse Court, Princeton, NJ 08540, hereinafter referred to as Assignor, am listed as an inventor on a patent application entitled **INTEGRATED MOBILITY NETWORK PLANNING**; having AT&T Docket No. 2018-0921, US Patent Application Serial no. 16/507,567, for a full description of which reference is here made to an application for Letters Patent of the United States; 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; Assignor also authorizes the Assignee, any agent of the Assignee, and any attorney of the Assignee to fill in the U.S. Application Serial No. above, and any further identification information, if required;

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 9 day of July, 2019.

Kathleen Meier-Hellstern
KATHLEEN MEIER-HELLSTERN

State of NJ)

County of Monmouth)

On this 9 day of July, 2019, before me a Notary Public in and for the above County and State, personally appeared KATHLEEN MEIER-HELLSTERN, and acknowledged the execution of the foregoing assignment as his/her free act and deed for the purpose herein set forth.

Carmela Patuto

Notary Public

My Commission Expires: _____

CARMELA PATUTO
NOTARY PUBLIC OF NEW JERSEY
Comm. # 50071763
My Commission Expires 11/13/2022

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

Laurie Bigler

(LAURIE BIGLER)

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

State of California

County of _____

On _____ before me, _____, Notary Public, personally appeared

LAURIE BIGLER

who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.

**SEE ATTACHED
NOTARY DOCUMENT**

Signature _____ (Seal)

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

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 Contra Costa)

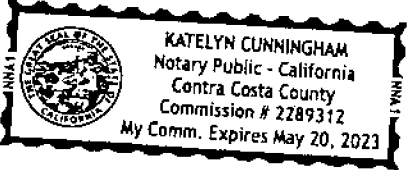
On 7/5/19 before me, Katelyn Cunningham Notary Public,
Date Here Insert Name and Title of the Officer

personally appeared Laurie Bigler,
Name(s) of Signer(s)

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.



Place Notary Seal Above

Signature Katelyn Cunningham
Signature of Notary Public

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: _____
Document Date: _____ Number of Pages: _____
Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____
 Corporate Officer — Title(s): _____
 Partner — Limited General
 Individual Attorney in Fact
 Trustee Guardian or Conservator
 Other: _____
Signer Is Representing: _____

Signer's Name: _____
 Corporate Officer — Title(s): _____
 Partner — Limited General
 Individual Attorney in Fact
 Trustee Guardian or Conservator
 Other: _____
Signer Is Representing: _____

IN TESTIMONY WHEREOF, I have hereunto set my hand this 10th day of July, 2019.

Arjun Jotshi
ARUN JOTSHI

State of New Jersey)

County of Somerset)

On this 10th day of July, 2019, before me a Notary Public in and for the above County and State, personally appeared

Arjun Jotshi, and acknowledged the execution of the foregoing assignment as his/her free act and deed for the purpose herein set forth.

Barbara Figel
Notary Public

My Commission Expires: 7/29/2019

BARBARA FIGEL
NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES JULY 29, 2019

IN TESTIMONY WHEREOF, I have hereunto set my hand this 9 day of July, 2019.

Michael J Orth
MICHAEL ORTH

State of New Jersey)

County of Somerset)

On this 9 day of July, 2019, before me a Notary Public in and for the above County and State, personally appeared

in Bedminster, NJ, and acknowledged the execution of the foregoing assignment as his/her free act and deed for the purpose herein set forth.

Jennifer Verrengia
Notary Public

My Commission Expires: _____

JENNIFER VERRENGIA
NOTARY PUBLIC OF NEW JERSEY
Comm. # 50095312
My Commission Expires 12/11/2023

IN TESTIMONY WHEREOF, I have hereunto set my hand this 9 day of July, 2019.

Phyllis Weiss
PHYLLIS WEISS

State of NJ)

County of Monmouth)

On this 9 day of July, 2019, before me a Notary Public in and for the above County and State, personally appeared Phyllis Weiss, and acknowledged the execution of the foregoing assignment as his/her free act and deed for the purpose herein set forth.

Carmela Patuto

Notary Public

My Commission Expires: _____

CARMELA PATUTO
NOTARY PUBLIC OF NEW JERSEY
Comm. # 50071783
My Commission Expires 11/13/2022

IN TESTIMONY WHEREOF, I have hereunto set my hand this 08th day of August, 2019.

RAVI RAINA

State of New Jersey,

County of Somerset

On this 6th day of August, 2019, before me a Notary Public in and

for the above County and State, personally appeared

RAVI RAINA, and acknowledged the execution of the foregoing

assignment as his/her free act and deed for the purpose herein set forth.

[Signature]

Notary Public

My Commission Expires: June 7th, 2021

PRABJOT KAUR
NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES JUNE 7, 2021

IN TESTIMONY WHEREOF, I have hereunto set my hand this 9th day of July, 2019.

Wenjie Zhao
WENJIE ZHAO

State of New Jersey)
County of Somerset)

On this 9th day of July, 2019, before me a Notary Public in and

for the above County and State, personally appeared

Wenjie Zhao, and acknowledged the execution of the foregoing

assignment as his/her free act and deed for the purpose herein set forth.

Barbara Figel

Notary Public

My Commission Expires: _____

BARBARA FIGEL
NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES JULY 29, 2019