#### 506112997 06/18/2020

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6159720

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
ARUN JOTSHI	05/30/2019
AMIT RATHOD	05/30/2019
GAURAV THAKUR	05/30/2019
SUCHITRA KRISHNASWAMY	05/30/2019
SHANG LI	05/31/2019
KATHLEEN MEIER-HELLSTERN	05/30/2019
MANISH SHAH	05/30/2019
MARTIN SUCHARA	05/30/2019

## **RECEIVING PARTY DATA**

Name:	AT&T Intellectual Property I, L.P.
Street Address:	754 Peachtree Street
Internal Address:	Suite 7C
City:	Atlanta
State/Country:	GEORGIA
Postal Code:	30308

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16893479

### **CORRESPONDENCE DATA**

Fax Number: (847)510-0710

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.

Email: docketing@ggip.com

**Correspondent Name:** AT&T LEGAL DEPARTMENT - GG ATTN: PATENT

**ROOM 2A-207** Address Line 1: Address Line 2: ONE AT&T WAY

Address Line 4: BEDMINSTER, NEW JERSEY 07921

ATTORNEY DOCKET NUMBER: 2018-931 CON\_7785-1976A-1 NAME OF SUBMITTER: KRISTEN CARBERRY

**PATENT** REEL: 052974 FRAME: 0977 506112997

SIGNATURE:	/Kristen Carberry/	
DATE SIGNED:	06/18/2020	
Total Attachments: 10		
source=7785-1976A_Assignment_All#page1.tif		
source=7785-1976A_Assignment_All#p	age2.tif	
source=7785-1976A_Assignment_All#page3.tif		
source=7785-1976A_Assignment_All#page4.tif		
source=7785-1976A_Assignment_All#page5.tif		
source=7785-1976A_Assignment_All#page6.tif		
source=7785-1976A_Assignment_All#page7.tif		
source=7785-1976A_Assignment_All#page8.tif		
source=7785-1976A_Assignment_All#page9.tif		
source=7785-1976A_Assignment_All#page10.tif		

PATENT REEL: 052974 FRAME: 0978

### ASSIGNMENT

WHEREAS We, **ARUN JOTSHI**, residing at 5 Gordon Circle, Parsippany, NJ 07054, and **AMIT RATHOD**, residing at 13 Stoll Drive, Hillsborough, NJ 08844, and **GAURAV THAKUR**, residing at 249 Broad Street, Apt 318, Matawan, NJ 07747, and **SUCHITRA KRISHNASWAMY**, residing at 500 Danny Court, San Ramon, CA 94582, and **SHANG LI**, residing at 2406 Schindler Drive, Aberdeen, NJ 07747, and **KATHLEEN MEIER-HELLSTERN**, residing at 17 Evans Dr, Cranbury, NJ 08512, and **MANISH SHAH**, residing at 15 Lawrence Court, Hillsborough, NJ 08844, and **MARTIN SUCHARA**, residing at 6450 Double Eagle Dr., Apt. 706, Woodridge, IL 60517, hereinafter referred to as Assignor, are listed as an inventor on a patent application entitled **MULTI-STAGE OBJECT DETECTION AND CATEGORIZATION OF ANTENNA MOUNT LOCATIONS**; having AT&T Docket No. 2018-0931, US Patent Application Serial no. 16/427,760 \_\_\_\_\_, 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;

Page 1 of 10

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 ha	ave hereunto set my hand this 🧾	30 day of May, 2019.
	Qivle	4
	ARUN JOTSHI	
State of NEW Jersey ) County of Somerset		·
County of Somerset	)	
On this 30 day of	May, 201	9, before me a Notary Public in and
for the above County and State, pe	rsonally appeared	
in Bedminster, NY	and acknowle	edged the execution of the foregoing
assignment as his/her free act and o		
Lenniper Verangen-	<b>5</b>	JENNIFER VERRENGIA NOTARY PUBLIC OF NEW JERSEY Comm. # 50095312
Notary Public	My Commission Expires:	My Commission Expires 12/11/2023

IN TESTIMONY WHEREOF, I have hereunto set my hand this 30 day of May , 2019.
A-R-Rette
AMIT RATHOD
State of New Jersey  County of Scriperson
County of Songerset
On this 30 day of, 2019, before me a Notary Public in and
for the above County and State, personally appeared
in Bedminster, Ny, 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 OF NEW JERSEY Comm. # 50095312 My Commission Expires 12/11/2023
Notary Public My Commission Expires: My Commission Expires 12/11/2023

IN TESTIMONY WHEREOF, I have hereunto set my hand this 301	h day of <u>May</u> , 2019.
GAURAV THAKUR	<del></del>
State of <u>NJ</u> ) County of <u>Middle Sey</u> )	
On this 30 day of May, 2019, be for the above County and State, personally appeared  CANKA THERE, and acknowledges	fore me a Notary Public in and d the execution of the foregoing
assignment as his/her free act and deed for the purpose herein set forth.	
	PAULA PFAFF FARY PUBLIC OF NEW JERSEY FID # 50005080 Commission Expires 10/22/2019

IN TESTIMONY WHEREOF, I have hereunto set my hand this 30th day of May, 2019.  SUCHITRA KRISHNASWAMY		
IN TESTIMONY WHEREOF, I have hereunto set my hand this 30th day of, 2019.		
Sudula		
(SUCHITRA KRISHNASWAMY)  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 Contra Costa		
On May 30/2019 before me, Calcilia Sugifo to, Notary Public, personally appeared		
SUCHITRA KRISHNASWAMY		
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 executed the same in his authorized capacity, and that by his 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.		
Signature (Seal)  CAECHIA SUGLIOTO COMMISSION #2184985 ROTATY PUBLIC CALIFORNIA CONTRA COSTA COUNTY My Commission Expires March 28, 2021 My Commission Expires March 28, 2021		

IN TESTIMONY WHEREOF, I	have hereunto set my hand this 31 day of May . 2019.
	Shary,
	SHANG LI
State of	)
County of Na 2212	
On this $31^{\frac{65}{2}}$ day of _ for the above County and State, p	2019, before me a Notary Public in and
	and acknowledged the execution of the foregoing
	deed for the purpose herein set forth.
Zla Z.// Notary Public	PAULA PFAFF NOTARY PUBLIC OF NEW JERSEY ID # 50005080 My Commission Expires 1072/2019
Notary Public <sup>4</sup>	My Commission Expires:

IN TESTIMONY WHEREOF, I have hereunto set my hand this day of, 2019.    Marche
State of New Jersey  County of Semense (
On this 30 day of, 2019, before me a Notary Public in and for the above County and State, personally appeared, 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 OF NEW JERSEY Comm. # 50095312 My Commission Expires: My Commission Expires:

IN TESTIMONY WHERE(	OF, I have hereunto set my hand this 30 day of the MANISH SHAH	· · · · · · · · · · · · · · · · · · ·
State of 4/21/12/24	)	
County of <u>SUMESSE</u>	)	
On this <u>2///</u> day	y of <u>May</u> , 2019, before	me a Notary Public in and
for the above County and St	ate, personally appeared	
Manish Stah	, and acknowledged the	execution of the foregoing
assignment as his/her free ac	x and deed for the purpose herein set forth.	
		DANIEL E LINARES Notary Public - State of New Jersey My Commission Expires Mar 3, 2023
Notary Public	My Commission Expires ///ac.S.	7 A 2 7

MARTIN SUCHARA  State of	IN TESTIMONY WHEREOF, I have hereunto	set my hand this 30 day of MAY 2019.
On this 30 <sup>m</sup> day of		Martin Luchara MARTIN SUCHARA
On this 30 <sup>m</sup> day of	State of <u>Illinois</u> )	**************************************
for the above County and State, personally appeared  Martin Suchara, and acknowledged the execution of the forego assignment as his/her free act and deed for the purpose herein set forth.	County of Do Pase	
Martin Suchara, and acknowledged the execution of the foregonassignment as his/her free act and deed for the purpose herein set forth.	On this <u>30<sup>th</sup> day of</u>	2019, before me a Notary Public in and
assignment as his/her free act and deed for the purpose herein set forth.		eared
Julue Minath	Martin Suchara	and acknowledged the execution of the foregoing
	assignment as his/her free act and deed for the j	purpose herein set forth,
	× ∧i .i	
Notary Public My Commission Expires: 11-19-20		
	Notary Public My Comm	ission Expires; <u>11 - 10 4 - 20</u> 22
	*	
JULISA NENOFF OFFICIAL SEAL	OFFICIAL SEAL	
Notery Public, State of Illinois  My Commission Expires  November 09, 2022	My Commission Expires	

Page 10 of 10