

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PRABHAKAR CHITRAPU	06/09/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	AT&T INTELLECTUAL PROPERTY I, L.P.
<b>Street Address:</b>	675 WEST PEACHTREE STREET
<b>City:</b>	ATLANTA
<b>State/Country:</b>	GEORGIA
<b>Postal Code:</b>	30308
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16860961
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	2016-1796CON/101900.00234
<b>NAME OF SUBMITTER:</b>	DOUGLAS S. RUPERT
<b>SIGNATURE:</b>	/Douglas S. Rupert/
<b>DATE SIGNED:</b>	04/29/2020
<b>Total Attachments: 2</b>	
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Assignment

Docket No. 2816-1796

ASSIGNMENT

WHEREAS I, Pruthakar Chitrapu residing at 135 Brochant Circle, Blue Bell, PA 19422 hereafter referred to as Assignor, am listed as an inventor on a patent application entitled "System And Method For Fine Grained Service Management Using SDN-NFV Networks," having AT&T Docket No. 2816-1796, the patent application to be filed in the United States Patent & Trademark Office; and

WHEREAS, AT&T Intellectual Property, L.P., a partnership organized and existing under the laws of Nevada and having an address at 675 West Peachtree Street, NW, Atlanta, Georgia 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 thereof;

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 renewals 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 assurances; and all extensions, renewals, prolongations, and rebuses 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 endorsement 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 time known to us respecting this invention, advise 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 proceedings; sign all legal 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 governmental, state, federal, and foreign applications; make all required 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 Assignor; 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 covenant 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 as proof of the right of AT&T Intellectual Property, L.P. to apply for patent or other form of protection for said invention; and to claim the above-said 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<sup>th</sup> day of June, 2017.

Prabhakar Chitrapu  
Prabhakar Chitrapu

State of Pennsylvania )

County of Montgomery )

On this 9<sup>th</sup> day of June, 2017, before me a Notary Public in and for the above County and State, personally appeared Prabhakar Chitrapu and acknowledged the execution of the foregoing assignment as his/her free act and deed for the purpose herein set forth.

Jeffery W. Cooley  
Notary Public

My Commission Expires: 12/04/2020

