

<b>PATENT ASSIGNMENT COVER SHEET</b>
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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>
ZHAOHUI ZHANG	06/22/2018
ABHISHEK DESHMUKH	06/25/2018
RAVI SINGH	06/21/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	JUNIPER NETWORKS, INC.
<b>Street Address:</b>	1133 INNOVATION WAY
<b>City:</b>	SUNNYVALE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94098-1206
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16018708
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(651)735-1102
<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>	
<b>Phone:</b>	651-735-1100
<b>Email:</b>	pairedocketing@ssiiplaw.com
<b>Correspondent Name:</b>	SHUMAKER & SIEFFERT, P.A
<b>Address Line 1:</b>	1625 RADIO DRIVE , SUITE 100
<b>Address Line 4:</b>	WOODBURY, MINNESOTA 55125
<b>ATTORNEY DOCKET NUMBER:</b>	2014-023US01/JNP2867-US
<b>NAME OF SUBMITTER:</b>	JULIA A. EHRREICH
<b>SIGNATURE:</b>	/Julia A. Ehrreich/
<b>DATE SIGNED:</b>	06/26/2018
<b>Total Attachments: 2</b>	
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ASSIGNMENT

For valuable consideration, we, Zhaohui Zhang of 2 Tyler Road, Westford, MA 01886 US, Abhishek Deshmukh of 10 Middlesex Ave Unit 15, Wilmington, MA 01887 US, and Ravi Singh of 5591 Carew Way, San Jose, CA 95123 US, hereby assign to: Juniper Networks, Inc., having a place of business at: 1133 Innovation Way, Sunnyvale, CA 94089-1206, United States of America, and its successors and assigns (collectively hereinafter called "the Assignee") the entire right, title and interest throughout the world in the inventions and improvements which are the subject of an application for United States Patent signed by us, entitled RESOURCE RESERVATION TECHNIQUES FOR POINT-TO-MULTIPOINT TUNNELS ON A RING NETWORK, filed June 26, 2018, and assigned U.S. Serial Number 16/018,708; this assignment including said application, (and do hereby authorize ASSIGNEE and its representative to hereafter add herein such application number(s) and/or filing date(s) when known), any provisional, non-provisional, continuation, continuation-in-part, divisional, reissue, renewal, extension or other application for any of said inventions or improvements, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.


Date: Jun 22, 2018

  
Zhaohui Zhang (Jun 22, 2018)

Zhaohui Zhang


Assignment  
Attorney Docket No.: 2014-023US01/JNP2867-US

Date: Jun 25, 2018

  
Abhishek Deshmukh (Jun 25, 2018)

Abhishek Deshmukh

Date: Jun 21, 2018

  
Ravi Singh (Jun 21, 2018)

Ravi Singh