

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4988873

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MANOJ NAYAK	05/22/2018
TABREZ AHMED KHAN	05/22/2018
RAFIK PUTTUR	05/22/2018
<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>	94089-1206
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15996517
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(866)259-6138
<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>	801-980-3399
<b>Email:</b>	jnp-docketing@fisherbroyles.com
<b>Correspondent Name:</b>	FISHERBROYLES, LLP JUNIPER NETWORKS, LLC
<b>Address Line 1:</b>	222 SOUTH MAIN ST., 5TH FLOOR
<b>Address Line 4:</b>	SALT LAKE CITY, UTAH 84101
<b>ATTORNEY DOCKET NUMBER:</b>	007180.0136U1
<b>NAME OF SUBMITTER:</b>	JON BILLS
<b>SIGNATURE:</b>	/Jon Bills/
<b>DATE SIGNED:</b>	06/03/2018
<b>Total Attachments: 3</b>	
source=6-3-18 JNP2849-US Assignment (007180.0136U1)#page1.tif	
source=6-3-18 JNP2849-US Assignment (007180.0136U1)#page2.tif	
source=6-3-18 JNP2849-US Assignment (007180.0136U1)#page3.tif	

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

U.S. Patent Application No.	Unassigned
Filing Date	Filed Herewith
First Named Inventor	Manoj Nayak
Assignee	Juniper Networks, Inc.
Attorney's Docket No.	007180.0136U1
Title	APPARATUS, SYSTEM, AND METHOD FOR IMPROVING CONVERGENCE ACROSS VIRTUAL CONTROL AND FORWARDING PLANES WITHIN NETWORK DEVICES

**PATENT ASSIGNMENT**

**Inventors:**

Name:	Manoj Nayak
Address:	3061, SOBHA DAISY, BELLANDUR, SARJAPUR OUTER RING ROAD, BANGALORE, KARNATAKA, PIN: 560103

Name:	Tabrez Ahmed Khan
Address:	s/o. SHAMEEM AHMED KHAN, #5/48, 8th A MAIN ROAD, NEW GURUPPANA PALYA, BANNERGHATTA MAIN ROAD, BANGALORE - 560029, KARNATAKA, INDIA

Name:	Rafik Puttur
Address:	Thulasiyadka House, Mundole, Badagannur post, Puttur, Dakshina Kannada, Karanataka 574223 India

**Assignee:**

Juniper Networks, Inc.  
1133 Innovation Way  
Sunnyvale, CA 94089-1206

**BACKGROUND OF THE ASSIGNMENT**

INVENTORS have conceived a certain new and useful invention disclosed in the United States patent application referenced above.

ASSIGNEE desires to acquire the entire right, title and interest in the invention and with respect to any Letters Patent or grant of rights equivalent thereto that may be granted with respect to the invention in both the United States and in all foreign countries.

**THE PARTIES AGREE AS FOLLOWS:**

For good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, each of the undersigned INVENTORS hereby sells, assigns, and transfers to ASSIGNEE, a corporation of the state of Delaware, the entire right, title, and interest in the above-identified patent application executed concurrently herewith and to all divisional, continuing, substitute, renewal, reissue, and all other applications for patent or the legal equivalent thereof which have been or may be filed in the United States and all countries foreign to the United States relating to any subject matter disclosed by the above-identified patent application and hereby authorizes the Commissioner of Patents and Trademarks to issue such Letters Patent to ASSIGNEE for the sole use of ASSIGNEE, its successors, or assigns.

Specifically, ASSIGNEE is hereby authorized to apply for patents relating to the invention in its own name in countries where such procedure is proper; to claim the benefit of, file, and prosecute applications relating to the invention under any international conventions or treaties, if applicable. INVENTORS agree to execute applications relating to the invention in those countries and under those international conventions or treaties, if applicable, where it is necessary that the same be executed by the inventors, and to execute assignments of such applications and the resulting grant of patent rights or equivalents thereof to ASSIGNEE as well as all other necessary papers in relation to such applications and Letters Patent.

Each of the INVENTORS further agree, at the request and expense of ASSIGNEE, to:  
execute all divisional, continuing, substitute, renewal, reissue, and any other documents relating thereto;

execute all rightful oaths, declarations, assignments, powers of attorney, and other papers;

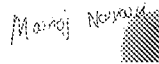
communicate to the ASSIGNEE all facts and provide to the ASSIGNEE all documents and things known to the undersigned relating to the above-referenced Application for United States Letters Patent;

testify as to the same in any interference, litigation, or other proceeding relating to the above-referenced application for United States Letters Patent; and

in general, do everything reasonably possible which the ASSIGNEE shall consider desirable for vesting title to such Application for United States Letters Patent in the ASSIGNEE, and for securing, maintaining, defending, or enforcing valid and enforceable patent protection therefor.

Each of the INVENTORS acknowledge that the sale, assignment, and transfer of rights and property set forth herein is and shall be irrevocable and binding upon the heirs, assigns, representatives and successors of each undersigned INVENTOR and extends to the successors, assigns, and nominees of the ASSIGNEE.

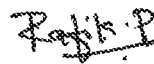
Signed on May 22, 2018

  
\_\_\_\_\_

Signed on May 22, 2018

  
\_\_\_\_\_

Signed on May 22, 2018

  
\_\_\_\_\_