12/15/2017 504691278

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4738000

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BABU SINGARAYAN	12/14/2017
NITIN KUMAR	12/15/2017
RAGHAVENDRA MALLYA	12/13/2017
JEYANANTH MINTO JEGANATHAN	12/14/2017

RECEIVING PARTY DATA

Name:	JUNIPER NETWORKS, INC.	
Street Address:	1133 INNOVATION WAY	
City:	SUNNYVALE	
State/Country:	State/Country: CALIFORNIA	
Postal Code:	94089-1206	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15844338

CORRESPONDENCE DATA

Fax Number: (651)735-1102

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.

Phone: 651-735-1100

Email: pairdocketing@ssiplaw.com **Correspondent Name:** SHUMAKER & SIEFFERT, P.A 1625 RADIO DRIVE, SUITE 100 Address Line 1: Address Line 4: WOODBURY, MINNESOTA 55125

ATTORNEY DOCKET NUMBER:	1014-974US01/JNP2747
NAME OF SUBMITTER:	RENEE L. WHITTAKER
SIGNATURE:	/Renee L. Whittaker/
DATE SIGNED:	12/15/2017

Total Attachments: 2

source=Assignment#page1.tif source=Assignment#page2.tif

> **PATENT** REEL: 044412 FRAME: 0109

504691278

Attorney Docket No.: 1014-974US01/JNP2747-US-ORG1

ASSIGNMENT

For valuable consideration, we, Babu Singarayan of 722 Cannery Place, San Jose, CA 95112 US, Nitin Kumar of 245 East Las Palmas, Fremont, CA 94539 US, Raghavendra Mallya of 1328 Rose Garden Lane, Cupertino, CA 95014 US, Jeyananth Minto Jeganathan of 5358 Case Avenue, Apt 1023, Pleasanton, CA 94566 US, and Kaliraj Vairavakkalai of 344 Woodcreek Terrace, Fremont, CA 94539 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 CONNECTING VIRTUAL NODES IN A NETWORK DEVICE USING ABSTRACT FABRIC INTERFACES, filed December 15, 2017, and assigned U.S. Serial Number 15/844,338 ; 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), U.S. Provisional Serial Number 62/565,550 filed September 29, 2017, any provisional, nonprovisional, 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.

> PATENT REEL: 044412 FRAME: 0110

Date:	Dec 14, 2017	
		Babu Singarayan
Date:	Dec 15, 2017	Nitin Jane
		Nitin Kumar
Date:	Dec 13, 2017	Raghavendra Mallya
D.	Dec 14, 2017	jayawanii minto jaganaliiso (Dec 14, 2917)
Date: _		Jeyananth Minto Jeganathan
Date:		
_		Kaliraj Vairavakkalai

Attorney Docket No.: 1014-974US01/JNP2747-US-ORG1

Assignment