PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5191455

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JEEVAN MADHU CHAKRAVARTHY DANDANGI	10/16/2018
NEERAJ GUPTA	10/16/2018
NITHYANANDA VISHNU K S	10/16/2018

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16162226

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 Address Line 1: 1625 RADIO DRIVE, SUITE 100 Address Line 4: WOODBURY, MINNESOTA 55125

ATTORNEY DOCKET NUMBER:	2014-056US01/JNP2920-US	
NAME OF SUBMITTER:	RENEE L. WHITTAKER	
SIGNATURE:	/Renee L. Whittaker/	
DATE SIGNED:	10/16/2018	

Total Attachments: 2

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

> **PATENT REEL: 047187 FRAME: 0424** 505144689

Attorney Docket No.: 2014-056US01/JNP2920-US

ASSIGNMENT

For valuable consideration, we, Jeevan Madhu Chakravarthy Dandangi of C0, Rock Homes Kaggadasapura, 1st B Cross C V Raman Nagar, Bangalore, KA 560093 INDIA, Neeraj Gupta of E1206 Purva Fountain Square, Varthur main Marthahahalli, Bangalore, KA 560037 INDIA, and Nithyananda Vishnu K S of 4/16, Mullai Nagar, T Kottampatti, Mahalingapuram post, Pollachi, Coimbatore, Tamil Nadu 642002 INDIA, 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 CUSTOMER-SIDE AND PROVIDER-SIDE TRANSLATION OF INTERNET PROTOCOL ADDRESSES WITHOUT PRE-SHARED PREFIXES, filed October 16, 2018 , and assigned U.S. Serial Number 16/162,226 ; this assignment including said application, (and do hereby authorize the 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.

> PATENT REEL: 047187 FRAME: 0425

Attorney Docket No.: 2014-056US01/JNP2920-US Assignment Page 2 of 2

Date: _	Oct 16, 2018	Josevan Madill Chalingwarthy Dondong (Oct 18, 2019)
		Jeevan Madhu Chakravarthy Dandangi
Date: _	Oct 16, 2018	Noseroj gupas (Ox 9.36, 2019)
		Neeraj Gupta
Oct 16, 2018 Date:	·	Hithyseronds Vishno K 5 (Oct 36, 2018)
		Nithyananda Vishnu K S

PATENT REEL: 047187 FRAME: 0426

RECORDED: 10/16/2018