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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VIKRAM NAGARAJAN	03/18/2016
SACHIN S. NATU	03/17/2016
KAPIL ARORA	03/18/2016
SUNIL KUMAR MALALI	03/18/2016
GOUTHAM PATIL R	03/31/2016
RAJ CHETAN	03/18/2016

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:	15087757

CORRESPONDENCE DATA

Fax Number: (651)735-1102

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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 300 Address Line 4: WOODBURY, MINNESOTA 55125

ATTORNEY DOCKET NUMBER:	1014-857US01
NAME OF SUBMITTER:	RENEE L. WHITTAKER
SIGNATURE:	/Renee L. Whittaker/
DATE SIGNED:	03/31/2016

Total Attachments: 2

PATENT REEL: 038165 FRAME: 0540

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> PATENT REEL: 038165 FRAME: 0541

Attorney Docket No.: 1014-857US01/JNP2461-US

ASSIGNMENT

For valuable consideration, we, Vikram Nagarajan of 79B, 5th Main Road, Purushottam Nagar, Chromepet, Ramamurthy Nagar, Chennai, 44 INDIA, Sachin S. Natu of 39892 San Moreno Court, Fremont, CA 94539, USA, Kapil Arora of F 201 Vijetha Elysium Hagdur Main Road Whitefield Main Road, Bangalore, 560066 INDIA, Sunil Kumar Malali of G101 DNA OPULENCE BOREWELL ROAD NELLURUHALLI WHITEFIELD, Bangalore, 560066 INDIA, Goutham Patil R of No 667, Sameera, 4th cross, K G Layout, 3rd main, 3rd phase, Banashankari 3rd stage, Bangalore, 560085 INDIA, Raj Chetan Boddireddy of Flat No G7, Sree Shore Icon Appartments, No 3/1 Kempapura Main Road YemalurOpp. Mathrushree Orchid Homes, Bangalore, 560037 INDIA, hereby assign to: Juniper Networks, Inc., having a place of business at: 1133 Innovation Way, Sunnyvale, CA 94089, United States of America, , , 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 REPLICATING MULTICAST STATE INFORMATION BETWEEN MULTI-HOMED EVPN ROUTING DEVICES, filed March 31, 2016, and assigned U.S. Serial Number 15/087,757; 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

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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:	Vitram Nagarajan (Mar 18, 2018) Vitram Nagarajan
Date: Mar 17, 2016	Vikram Nagarajan Saschin S Natu (Mar 17, 2016) Sachin S. Natu
Date: Mar 18, 2016	Kapil Arora (Mar 18, 2018) Kapil Arora
Date: Mar 18, 2016	Sunil Kumar Malali
Date: Mar 31, 2016	Goutham Patil R Goutham Patil R
Date: Mar 18, 2016	RAJ CHETAN SODOWREDDY (MS 18, 2016) Raj Chetan

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RECORDED: 03/31/2016