504447500 07/07/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VIKRAM NAGARAJAN	07/05/2017
ROBERT W. KEBLER	07/05/2017
KAPIL ARORA	07/06/2017
NAVEEN ASHIK	07/06/2017

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:	15644274

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	1014-956US01/JNP2687
NAME OF SUBMITTER:	RENEE L. WHITTAKER
SIGNATURE:	/Renee L. Whittaker/
DATE SIGNED:	07/07/2017

Total Attachments: 2

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PATENT 504447500 REEL: 042934 FRAME: 0384

Attorney Docket No.: 1014-956US01/JNP2687-US

ASSIGNMENT

For valuable consideration, we, Vikram Nagarajan of F4, Inspiron Apartments, 2nd Cross, Doctor's Layout, Kasturi Nagar Bangalore, Bangalore, KA 560043 INDIA, Robert W. Kebler of 14 Storeybrooke Dr, Newburyport, MA 01950 USA, Kapil Arora of A302 Adarsh palm retreat Tower3, Devarbeesanhalli Marathalli sarjapur ORR, Bangalore, KA 560103 INDIA, and Naveen Ashik of #894, 3rd Cross, I.T.I Layout, Papareddy Palya, Ring road Nagarbhavi 2nd Stage, Bangalore, KA 560072 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 SIGNALING MULTICAST INFORMATION TO A REDUNDANT MULTI-HOMING ROUTER FOR A LAYER 2 VIRTUAL PRIVATE NETWORK, filed July 7, 2017, and assigned U.S. Serial Number 15/644,274 ___; 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.

> PATENT REEL: 042934 FRAME: 0385

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Date:	//fisrem Negerajen/ (Jul.5, 2027)	
	Vikram Nagarajan	
Date:	Relact V. Tally. Robert W. Rebler (Int. 6, 2017)	
	Robert W. Kebler	
Date:	Mapil Alves (dut 6, 2017)	
	Kapil Arora	
Date: Jul 6, 2017	NAVIEN ASAIR (Ad 6, 2017)	
	Naveen Ashik	

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RECORDED: 07/07/2017