PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Balamurugan Ramaraj	06/28/2011
Gopi Krishna	06/27/2011

RECEIVING PARTY DATA

Name:	Juniper Networks, Inc.
Street Address:	1194 North Mathilda Avenue
City:	Sunnyvale
State/Country:	CALIFORNIA
Postal Code:	94089-1206

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13174216

CORRESPONDENCE DATA

Fax Number: (651)735-1102

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Email: pairdocketing@ssiplaw.com SHUMAKER & SIEFFERT, P.A Correspondent Name: 1625 RADIO DRIVE, SUITE 300 Address Line 1: Address Line 4: WOODBURY, MINNESOTA 55125

ATTORNEY DOCKET NUMBER:	1014-473US01/JNP-1481
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NAME OF SUBMITTER: Renee L. Whittaker

Total Attachments: 4

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PATENT REEL: 026532 FRAME: 0145

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Attorney Docket No.: 1014-473US01/JNP-1481

ASSIGNMENT

For valuable consideration, we, Balamurugan Ramaraj of 5077 Rhonda Dr., San Jose, California 95129, Gopi Krishna of 32125 Trefry Ct., Union City, California 94587, Ananda Sathyanarayana of 3450 Granada Ave #59, Santa Clara, California 95051, Apurva Mehta of 10275 Stern Ave., Cupertino, California 95014, Krishna Sankaran of 936 Temura Loop, Milpitas, California 95035 and Murtuza Attarwala of 383 King Street, Apt. 1015, San Francisco, California 94158 hereby assign to: Juniper Networks, Inc., having a place of business at: 1194 North Mathilda Avenue, Sunnyvale, California 94089-1206 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 SET MANAGEMENT SCHEMES, filed herewith; this assignment including said application, 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.

Date:	Balamurugan Ramaraj
Date: (27 201	las lanhe
. >	Gopi Krishn

Date:		
	Ananda Sathyanarayana	,
Date: , <u>19 (2019) </u>		
Data		
	Krishna Sankaran	
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	Murtuza Attarwala	
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PATENT REEL: 026532 FRAME: 0147 Attorney Docket No.: 1014-473US0L/JNP-1481

ASSIGNMENT

For valuable consideration, we, Balamurugan Ramaraj of 5077 Rhonda Dr., San Jose, California 95129, Gopi Krishna of 32125 Trefry Ct., Union City, California 94587, Ananda Sathyanarayana of 3450 Granada Ave #59, Santa Clara, California 95051, Apurva Mehta of 10275 Stern Ave., Cupertino, California 95014, Krishna Sankaran of 936 Ternura Loop, Milpitas, California 95035 and Murtuza Attarwala of 383 King Street, Apt. 1015, San Francisco, California 94158 hereby assign to: Juniper Networks, Inc., having a place of business at: 1194 North Mathilda Avenue, Sunnyvale, California 94089-1206 and its successors and assigns (collectively heremafter called "the Assignee") the entire right, title and interest throughout the world in the inventious and improvements which are the subject of an application for United States Patent signed by us. entitled SET MANAGEMENT SCHEMES, filed herewith; this assignment including said application, 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 hoirs, logal 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 Assignce may reasonably request to effectuate fully this assignment.

Date: 6/28/11	3 11 , 12	ye.
1	Belamurugan Ramara)	
Date		
	Gopt Krishna	

PATENT REEL: 026532 FRAME: 0148

1014-473US01/JNP-1481 Page 2 of 2		
Date:	Ananda Sathyanarayana	
Oute:	Apurva Mehta	
Date:	Krishna Sankaran	
Date:	Murtuza Attorwala	

PATENT REEL: 026532 FRAME: 0149

RECORDED: 06/30/2011