PATENT ASSIGNMENT

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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
	ΓΥ DATA				
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Mohini Dukes				12/12/2012	
Jerome P. Moisand				12/17/2012	
RECEIVING PART	Y DATA				
Name:	Juniper Netwo	Juniper Networks, Inc.			
Street Address:	1194 North Ma	1194 North Mathilda Avenue			
City:	Sunnyvale	Sunnyvale			
State/Country:	CALIFORNIA	CALIFORNIA			
Postal Code:	94089-1206	94089-1206			
Property Type Application Number: 1372		13723	Number 3177		
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ATTORNEY DOCKET NUMBER:		1014-610US01/JNP-1741			
NAME OF SUBMITTER:		Renee L. Whittaker			
Total Attachments:	4		·		
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<u>ASSIGNMENT</u>

For valuable consideration, we, Mohini Dukes of 10 Wiggin Street, Chelmsford, MA 01824 and Jerome P. Moisand of 31 Hawthorne Avenue, Arlington, MA 02476, 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 Assignce") 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 POLICY CONTROL USING SOFTWARE DEFINED NETWORK (SDN) PROTOCOL, filed December 20, 2012 , and assigned U.S. Application Serial Number 13/723,177 , this assignment including said application, any provisional application relating thereto, (and do hereby authorize ASSIGNEE and its representative to hereafter add herein such application number(s) and/or filing date(s) when known), 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.

Assignment Attorney Docket No.: 1014-610US01/JNP-1741

Date: 12/12/2012

Mohini Dukes

Date:

Jerome P. Moisand

PATENT REEL: 029514 FRAME: 0604

ASSIGNMENT

For valuable consideration, we, Mohini Dukes of 10 Wiggin Street, Chelmsford, MA 01824 and Jerome P. Moisand of 31 Hawthorne Avenue, Arlington, MA 02476, 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 POLICY CONTROL USING SOFTWARE DEFINED NETWORK (SDN) PROTOCOL, filed December 20, 2012 , and assigned U.S. Application Serial Number 13/723,177 , this assignment including said application, any provisional application relating thereto, (and do hereby authorize ASSIGNEE and its representative to hereafter add herein such application number(s) and/or filing date(s) when known), 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.

Assignment Attorney Docket No.: 1014-610US01/JNP-1741

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Date:

Mohini Dukes

Date: 17- Dec - 2012

and a second Jerome P. Moisand

RECORDED: 12/20/2012