

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Pranay POGDE</td> <td>09/25/2012</td> </tr> <tr> <td>James MURPHY</td> <td>09/20/2012</td> </tr> <tr> <td>Abhijit CHOUDHURY</td> <td>09/20/2012</td> </tr> <tr> <td>Raghavendra MALLYA</td> <td>09/20/2012</td> </tr> <tr> <td>Sandeep BAJAJ</td> <td>09/24/2012</td> </tr> <tr> <td>Bharani CHADALAVADA</td> <td>09/20/2012</td> </tr> <tr> <td>Rajagopalan SIVARAMAKRISHNAN</td> <td>09/20/2012</td> </tr> </tbody> </table>		Name	Execution Date	Pranay POGDE	09/25/2012	James MURPHY	09/20/2012	Abhijit CHOUDHURY	09/20/2012	Raghavendra MALLYA	09/20/2012	Sandeep BAJAJ	09/24/2012	Bharani CHADALAVADA	09/20/2012	Rajagopalan SIVARAMAKRISHNAN	09/20/2012
Name	Execution Date																
Pranay POGDE	09/25/2012																
James MURPHY	09/20/2012																
Abhijit CHOUDHURY	09/20/2012																
Raghavendra MALLYA	09/20/2012																
Sandeep BAJAJ	09/24/2012																
Bharani CHADALAVADA	09/20/2012																
Rajagopalan SIVARAMAKRISHNAN	09/20/2012																
RECEIVING PARTY DATA																	
<table border="1"> <tr> <td>Name:</td> <td>Juniper Networks, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>1194 N. Mathilda Ave.</td> </tr> <tr> <td>City:</td> <td>Sunnyvale</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94089</td> </tr> </table>		Name:	Juniper Networks, Inc.	Street Address:	1194 N. Mathilda Ave.	City:	Sunnyvale	State/Country:	CALIFORNIA	Postal Code:	94089						
Name:	Juniper Networks, Inc.																
Street Address:	1194 N. Mathilda Ave.																
City:	Sunnyvale																
State/Country:	CALIFORNIA																
Postal Code:	94089																
PROPERTY NUMBERS Total: 1																	
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13627622</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13627622												
Property Type	Number																
Application Number:	13627622																
CORRESPONDENCE DATA																	
<p>Fax Number: 2028427899</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (703) 456-8000</p> <p>Email: jdrake@cooley.com</p> <p>Correspondent Name: Cooley LLP</p> <p>Address Line 1: 777 6th Street, N.W., Suite 1100</p> <p>Address Line 4: Washington, DISTRICT OF COLUMBIA 20001</p>																	
ATTORNEY DOCKET NUMBER:	JUNI-202/00US 108200-2469																

NAME OF SUBMITTER:

Christopher R. Hutter

Total Attachments: 4

source=JUNI-202-00US-assignment#page1.tif

source=JUNI-202-00US-assignment#page2.tif

source=JUNI-202-00US-assignment#page3.tif

source=JUNI-202-00US-assignment#page4.tif

ASSIGNMENT

Pranay POGDE, residing at 1632 Heron Ave., Sunnyvale, CA 94087; **James MURPHY**, residing at 2919 Fernside Blvd., Alameda, CA 94501; **Abhijit CHOUDHURY**, residing at 10425 Tonita Way, Cupertino, CA 95014; **Raghavendra MALLYA**, residing at 1328 Rose Garden Lane, Cupertino, CA 94583; **Sandeep BAJAJ**, residing at 226 Paige Ct., San Ramon, CA 94582; **Bharani CHADALAVADA**, residing at 794 Adeline Ave., San Jose, CA 95136; and **Rajagopalan SIVARAMAKRISHNAN**, residing at 1544 Blackhawk Dr., Sunnyvale CA 94087 (each referred to as "Assignor") has made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled **METHODS AND APPARATUS FOR LOAD BALANCING VLAN TRAFFIC**, and which is a:

- (1) ☐ provisional application
 - (a) ☐ to be filed herewith; or
 - (b) ☐ bearing Application No. _____, and filed on _____; or
- (2) ☒ non-provisional application
 - (a) ☐ to be filed herewith; or
 - (b) ☒ bearing Application No. _____ filed on _____, and Attorney Docket No. JUNI-202/00US 108200-2469.

WHEREAS, JUNIPER NETWORKS, INC., a corporation duly organized under and pursuant to the laws of Delaware, and having its principal place of business at 1194 N. Mathilda Ave., Sunnyvale, CA 94089 (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention; the application for patent identified in paragraph (1) or (2); the right to file applications for patent of the United States or other countries on the Invention; any application for patent of the United States or other countries claiming priority to these application; any provisional or other right to recover damages, including royalties, for prior infringements of these applications; and any patent of the United States or other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);
- (b) the application for patent identified in paragraph (1) or (2);

(c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Paris Convention for the Protection of Industrial Property and under the Patent Cooperation Treaty;

(d) any application(s) for patent of the United States or other countries claiming the Invention(s);

(e) any application(s) for patent of the United States or other countries claiming priority to the application for patent identified in paragraph (1) or (2) or any application(s) for patent claiming the Invention(s), including any division(s), continuation(s), and continuation(s)-in-part; and

(f) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the preceding paragraphs (b)-(e); and

(g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b) – (e), including any reissue(s) and extension(s) of said patent(s).

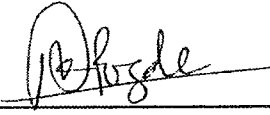
The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said applications, and said patents, including interference proceedings, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby authorizes and requests the attorneys of COOLEY LLP to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application identified in paragraph (1) or (2) when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: 09/25/2012 By: 
Pranay POGDE

Date: _____ By: _____
James MURPHY

Date: _____ By: _____
Abhijit CHOUDHURY

Date: _____ By: _____
Raghavendra MALLYA

Date: _____ By: _____
Sandeep BAJAJ


Date: _____ By: _____
Bharani CHADALAVADA

Date: _____ By: _____
Rajagopalan SIVARAMAKRISHNAN

532245 v1/RE

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

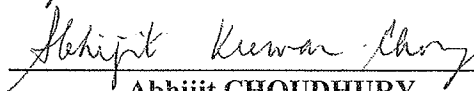
Date: _____

By:  _____
Pranay POGDE

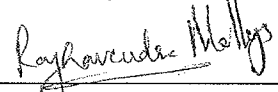
Date: 9/20/2012

By:  _____
James MURPHY

Date: 9/20/2012

By:  _____
Abhijit CHOUDHURY

Date: 09/20/2012

By:  _____
Raghavendra MALLYA

Date: 09/24/2012

By:  _____
Sandeep BAJAJ

Date: 9/20/2012

By:  _____
Bharani CHADALAVADA

Date: 9/20/12

By:  _____
Rajagopalan SIVARAMAKRISHNAN

532245 v1/RE