

Form PTO-1595 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office RECORDATION FORM COVER SHEET PATENTS ONLY		Attorney's Docket No. 0023-0243				
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original document(s) or copy(ies) thereof.						
1. Name of conveying party(ies): Wen WEI Dongping LUO Lindong ZHAO Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Name: Juniper Networks, Inc. Address: 1194 North Mathilda Avenue Sunnyvale, California 94089 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
3. Nature of conveyance: <input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name Other: To Re-record execution date on Assignment previously recorded March 29, 2007, at Reel/Frame 019082/0743 Execution Date: <u>09/21/2007, 03/22/2007, and 09/18/2006</u>						
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: <table style="width: 100%;"> <tr> <td style="width: 50%;">A. Patent Application No.(s) 11/458,589</td> <td style="width: 50%;">B. Patent No.(s)</td> </tr> </table> Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No			A. Patent Application No.(s) 11/458,589	B. Patent No.(s)		
A. Patent Application No.(s) 11/458,589	B. Patent No.(s)					
5. Name and address of party to whom correspondence should be mailed: Name: Tony M. Cole Address: HARRITY SNYDER, L.L.P. 11350 Random Hills Road Suite 600 Fairfax, Virginia 22030 CUSTOMER NUMBER: 44987	6. Total number of applications and patents involved: # 7. Total fee (37 CFR 3.41): \$40.00 <input type="checkbox"/> Enclosed <input type="checkbox"/> Authorization to be charged to deposit account, if necessary. 8. Deposit account number: 50-1070					
DO NOT USE THIS SPACE						
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document</i> <table style="width: 100%;"> <tr> <td style="width: 25%;"> <u>Tony M. Cole</u> Name of Person Signing </td> <td style="width: 25%;"> Reg. No. <u>43,417</u> </td> <td style="width: 25%;"> <u>/Tony M. Cole/</u> Signature </td> <td style="width: 25%;"> <u>April 30, 2007</u> Date </td> </tr> </table> Total number of pages including cover sheet, attachments, and document: <u>14</u>			<u>Tony M. Cole</u> Name of Person Signing	Reg. No. <u>43,417</u>	<u>/Tony M. Cole/</u> Signature	<u>April 30, 2007</u> Date
<u>Tony M. Cole</u> Name of Person Signing	Reg. No. <u>43,417</u>	<u>/Tony M. Cole/</u> Signature	<u>April 30, 2007</u> Date			

CH \$40.00 501070 11458589

TO:HARRITY SNYDER LLP COMPANY:11350 RANDOM HILLS ROAD

APR-11-2007 10:48

HARRITY SNYDER, LLP

571 432 0808

P.005

TO:HARRITY SNYDER LLP COMPANY:11350 RANDOM HILLS ROAD
04/11/2007
700319839

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.103/29/2007
500248658

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>Wen WEI</td><td>09/12/2006</td></tr><tr><td>Dongping LUO</td><td>03/22/2007</td></tr><tr><td>Lindong ZHAO</td><td>09/18/2006</td></tr></tbody></table>		Name	Execution Date	Wen WEI	09/12/2006	Dongping LUO	03/22/2007	Lindong ZHAO	09/18/2006		
Name	Execution Date										
Wen WEI	09/12/2006										
Dongping LUO	03/22/2007										
Lindong ZHAO	09/18/2006										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>JUNIPER NETWORKS, INC.</td></tr><tr><td>Street Address:</td><td>1184 North Mathilda Avenue</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:	1184 North Mathilda Avenue	City:	Sunnyvale	State/Country:	CALIFORNIA	Postal Code:	94089
Name:	JUNIPER NETWORKS, INC.										
Street Address:	1184 North Mathilda Avenue										
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>11458589</td></tr></tbody></table>		Property Type	Number	Application Number:	11458589						
Property Type	Number										
Application Number:	11458589										
CORRESPONDENCE DATA											
Fax Number: (571)432-0808 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 571-432-0800											
Email: sstockinsld@harritysnyder.com											
Correspondent Name: HARRITY SNYDER LLP											
Address Line 1: 11350 Random Hills Road											
Address Line 2: Suite 600											
Address Line 4: Fairfax, VIRGINIA 22030											
ATTORNEY DOCKET NUMBER:	JNP-0665										
NAME OF SUBMITTER:	Tony M. Cole										
Total Attachments: 3 source=Assignment - Executed#page1.tif											

01 5-10-06 11458589

TO:HARRITY SNYDER LLP COMPANY:11350 RANDOM HILLS ROAD

APR-11-2007 10:48

HARRITY SNYDER, LLP

571 432 0808

P.009

Attorney Docket No. 0023-0243 (JNP-0665)JOINT INVENTION
(Worldwide Rights)

ASSIGNMENT

WHEREAS, WE, the below named inventors (hereinafter referred to as Assignors), have made an invention entitled:

INSTRUCTION EXTENSION FOR LINKED LIST LOOKUP

☐ for which an application is being filed herewith; or ☒ for which we filed an application for United States Letters Patent on July 19, 2006 under Serial No. 11/458,589; and

WHEREAS, Juniper Networks, Inc., a corporation of Delaware whose post office address is 1194 North Maffalda Avenue, Sunnyvale, California 94089-1206 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from assignee is hereby acknowledged, we as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and including any previously or subsequently filed provisional applications, all divisions, continuations, and continuations-in-part thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof, and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

TO:HARRITY SNYDER LLP COMPANY:11350 RANDOM HILLS ROAD

APR-11-2007 10:48

HARRITY SNYDER, LLP

571 432 0808

P.010

Attorney Docket No. 0023-0243 (JNP-0665)

IN TESTIMONY WHEREOF, WE have hereunto set our hand.

Wen Wei
5409 Ligurian Drive
San Jose, CA 95138

Signature: Wen Wei
Date: 09/21/2006

Dongping LUO
239 West Hunter Lane
Fremont, CA 94539

Signature: [Signature]
Date: 3/22/2007

Lidong ZHAO
1087 Nunzio Court
San Jose, CA 95120

Signature: _____
Date: _____

TO:HARRITY SNYDER LLP COMPANY:11350 RANDOM HILLS ROAD

APR-11-2007 10:49

HARRITY SNYDER, LLP

571 432 0808

P.011

Attorney Docket No. 0023-0243 (JNP-0665)

IN TESTIMONY WHEREOF, WE have hereunto set our hand.

Wen Wei
5409 Ligurian Drive
San Jose, CA 95138

Signature: _____

Date: _____

Dongping LUO
239 West Hunter Lane
Fremont, CA 94539Signature:  _____Date: 3/22/2007Lidong ZHAO
1087 Nunzio Court
San Jose, CA 95120Signature:  _____Date: 9/18/2006