

PATENT ASSIGNMENT

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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>Ravi Singh</td> <td>07/02/2013</td> </tr> <tr> <td>John E. Drake</td> <td>07/03/2013</td> </tr> <tr> <td>Adrian Farrel</td> <td>07/20/2013</td> </tr> <tr> <td>Yimin Shen</td> <td>07/24/2013</td> </tr> </tbody> </table>		Name	Execution Date	Ravi Singh	07/02/2013	John E. Drake	07/03/2013	Adrian Farrel	07/20/2013	Yimin Shen	07/24/2013
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Juniper Networks, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>1194 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>94089-1206</td> </tr> </table>		Name:	Juniper Networks, Inc.	Street Address:	1194 North Mathilda Avenue	City:	Sunnyvale	State/Country:	CALIFORNIA	Postal Code:	94089-1206
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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>13952254</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13952254						
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CORRESPONDENCE DATA											
<p>Fax Number: 6517351102 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 651-735-1100 Email: pairedocketing@ssiplaw.com Correspondent Name: SHUMAKER & SIEFFERT, P.A. Address Line 1: 1625 RADIO DRIVE , SUITE 300 Address Line 4: WOODBURY, MINNESOTA 55125</p>											
ATTORNEY DOCKET NUMBER:	1014-661US01/JNP2072-US										
NAME OF SUBMITTER:	Julia A. Ehrreich										
Signature:	/Julia A. Ehrreich/										

Date:

07/26/2013

Total Attachments: 4

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ASSIGNMENT

For valuable consideration, we, Ravi Singh of 1900 Garden Drive, #119, Burlingame, CA 94010, USA, John E. Drake of 578 Briarcliff Road, Pittsburgh, PA 15221, USA, Adrian Farrel of Ty Du, Abbey Road, Llangollen, Denbighshire, LL20 8EB, United Kingdom, and, Yimin Shen 49 Hemingway Street, Shrewsbury, MA 01545, USA hereby assign to: Juniper Networks, Inc., having a place of business at: 1194 North Mathilda Avenue, Sunnyvale, CA 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 HANDLING ENTROPY LABELS WHEN STITCHING LABEL-SWITCHED PATHS, filed July 26, 2013, and assigned U.S. Application Serial Number 13/952,254, 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 application, 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
1014-661US01/JNP2072-US
2 of 2

Date: Jul 2, 2013



Ravi Singh (Jul 2, 2013)

Ravi Singh

Date: Jul 3, 2013



John E. Drake, Jr (Jul 3, 2013)

John E. Drake

Date:

Adrian Farrel

Date: Jul 24, 2013



Yimin Shen (Jul 24, 2013)

Yimin Shen

ASSIGNMENT

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Date: _____

Ravi Singh

Date: _____

John E. Drake

Date: 07/20/2013 _____



Adrian Farrel

Date: _____

Yimin Shen