

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr><td>Qingming MA</td><td>05/12/2009</td></tr> <tr><td>Bryan BURNS</td><td>05/15/2009</td></tr> <tr><td>Sheng LI</td><td>05/13/2009</td></tr> <tr><td>Na LIU</td><td>05/13/2009</td></tr> <tr><td>Xuejun WU</td><td>05/13/2009</td></tr> <tr><td>Shan YU</td><td>05/13/2009</td></tr> <tr><td>Li ZHENG</td><td>05/13/2009</td></tr> </tbody> </table>		Name	Execution Date	Qingming MA	05/12/2009	Bryan BURNS	05/15/2009	Sheng LI	05/13/2009	Na LIU	05/13/2009	Xuejun WU	05/13/2009	Shan YU	05/13/2009	Li ZHENG	05/13/2009
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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																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12468454</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12468454												
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CORRESPONDENCE DATA																	
Fax Number:	(571)432-0808																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone:	5714320800																
Email:	gruszkowska@harrityllp.com																
Correspondent Name:	Harrity & Harrity, LLP																
Address Line 1:	11350 Random Hills Road																
Address Line 2:	Suite 600																
Address Line 4:	Fairfax, VIRGINIA 22030																
ATTORNEY DOCKET NUMBER:	0023-0423																

OP \$40.00 12468454

500863884

PATENT
REEL: 022704 FRAME: 0974

NAME OF SUBMITTER:

David A. Sumy

Total Attachments: 6

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ASSIGNMENT

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

A HYBRID REPRESENTATION FOR DETERMINISTIC FINITE AUTOMATA

for which an application is being filed herewith; or for which we filed an application for United States Letters Patent on May 19, 2009 under Serial No. 12/468,454; and

We hereby authorize Applicants' representative to fill in the preceding information relating to the filing date and/or serial number, as appropriate.

WHEREAS, Juniper Networks, Inc., a corporation of Delaware whose post office address is 1194 North Mathilda 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.

IN TESTIMONY WHEREOF, WE have hereunto set our hand.

Qingming MA
P.O. Box 6662
Santa Clara, CA 95056

Signature: *Qingming Ma*
Date: 05-12-2009

Bryan BURNS
835 Channing Ave.
Palo Alto, CA 94301

Signature: _____
Date: _____

Sheng LI
Room 1803, 18th Floor, Block 4
Beijing, 100085 China

Signature: _____
Date: _____

Na LIU
Apt. 2001 Jia 5th Building
Hua-Qing-Jia-Yuan, Wu-Dao-Kou
Chengfu Road, Haidian District
Beijing, 100083 China

Signature: _____
Date: _____

Xuejun WU
6/F, Sohu International Plaza
NO.1 ZhongGuanCun East Road
Haidian District
Beijing, 100084 China

Signature: _____
Date: _____

Shan YU
Room 807, unit 1, Building No. 3
TianHeRen Jia, Nanshatan No 2
Residential Quater, ChaoYang District
Beijing, 100101 China

Signature: _____
Date: _____

Li ZHENG
9-A-503 Dangdaicheng Jiayuan Qing He
Haidian District
Beijing, 100000 China

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