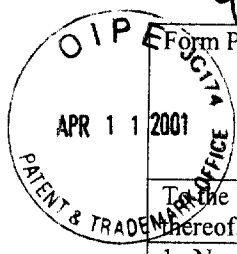


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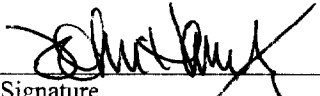
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Attorney's Docket No. 0023-0005

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original document(s) or copy(ies) hereof.

<p>1. Name of conveying party(ies): Dennis C. Ferguson, Devereaux C. Chen, Ramesh Padmanabhan, Chang-Hong Wu, and Thomas Michael Skibo</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p>Other:</p> <p>Execution Date: <u>March 19, 20, and 23, 2001</u></p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: Juniper Networks, Inc.</p> <p>Address: 1194 North Mathilda Avenue Sunnyvale, CA 94089-1206</p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>4. Application number(s) or patent number(s):</p> <p>If this document is being filed together with a new application, the execution date of the application is:</p> <p>A. Patent Application No.(s) <u>(09/752,829)</u></p> <p>B. Patent No.(s)</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>5. Name and address of party to whom correspondence should be mailed:</p> <p>Name: John E. Harrity</p> <p>Address: HARRITY &amp; SNYDER, L.L.P. 11240 Waples Mill Road Suite 300 Fairfax, Virginia 22030</p> <p> 26615 PATENT &amp; TRADEMARK OFFICE</p>	<p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee (37 CFR 3.41): \$40.00</p> <p><input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorization to be charged to deposit account, if necessary.</p> <p>8. Deposit account number: 50-1070</p>
<p>DO NOT USE THIS SPACE</p>	
<p>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></p> <p>John E. Harrity                      Reg. No. <u>43,367</u>                       Name of Person Signing                      Signature                      <u>April 11, 2001</u> Date</p> <p>Total number of pages including cover sheet, attachments, and document: <u>5</u></p>	

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Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks  
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Washington, D.C. 20231

PATENT  
REEL: 011678 FRAME: 0095

JOINT INVENTION  
(Worldwide Rights)**ASSIGNMENT**

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

**SINGLE CYCLE CYCLIC REDUNDANCY CHECKER/GENERATOR**

for which an application is being filed herewith; or  for which we filed an application for United States Letters Patent on January 3, 2001 under Serial No. 09/752,829; and

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 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.





