Docket No. 1014-043US01/JNP-0233

FORM PTO-1595 (Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

102232674

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Commissioner of Patents and Trademarks	: Please record the a	ttached original documents or	copy thereof.
Name of conveying party(ies):  Jeffrey Y. Lo Scott Mackie	Execution Date (Month/Day/Year)  08/29/2002 09/01/2002	Name and address of receiv  Juniper Networks, Inc. 1194 North Mathilda A Sunnyvale, California	Avenue
Additional name(s) of conveying party(ies) attached?	☐ Yes ⊠ No	Additional name(s) & address(	es) attached?
Nature of conveyance:  Assignment Merger Security Agreement Change of Name Other:  This document is being filed with a new patent application on Security Agreement S		Submission Type:  New Correction of PTO Err Corrective Document:	Resubmission (Non-Recordation): Document ID # for: Reel # Frame # Reel # Frame #
This document is to be recorded against the	following patent app	lication or patent:	
Patent Application No.(s)		Patent No.(s)	
		102	246244
Ad	lditional numbers attac	hed? ☐ Yes ⊠ No	
Name and address of party to whom corresponde document should be mailed:	ence concerning	Total number of application	s and patents involved: 1
Name: Kent J. Sieffert Address: Shumaker & Sieffert, P.A. 8425 Seasons Parkway, Suite 105 St. Paul, MN 55125		<del>_</del>	\$40.00  be charged to deposit account  I fees or credit any overpayments to r: 50-1778
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Statement and signature:			
To the best of my knowledge and belief, the foriginal document.	foregoing information	n is true and correct and any a	
Kent J. Sieffert  Name of Person Signing  Sig	gnature	Supper	September 18, 2002 Date
Traine of Fetson organing		pages of the attached conveyance	document including any attachments: 2
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Public burden reporting for this sample cover sheet is est document and gathering the data needed, and completing Patent and Trademark Office, Office of information syst Reduction Project (0651-0011), Washington, D.C. 2050.	g and reviewing the samp ems, PK2-1000C, Washi	le cover sheet. Send comments regar	ding this burden estimate to the U.S.

09/20/2002 SSITHIB1 00000025 10246244

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PATENT REEL: 013310 FRAME: 0120 Attorney Docket No.: 1014-043US01/JNP-0233

## **ASSIGNMENT**

For valuable consideration, we, Jeffrey Y. Lo, of 993 Lawrence Lane, Palo Alto, California 94303 and Scott Mackie of 835 Walnut Avenue, Santa Cruz, California 95060, hereby assign to: Juniper Networks, Inc. having a place of business at: 1194 N. Mathilda Avenue, Sunnyvale, California 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 subject of an application for United States Patent signed by us, entitled FILTERING DATA FLOWS BASED ON ASSOCIATED FORWARDING TABLES, filed herewith, this assignment including said application, 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.

Date: 8/29/2002	Jeffrey Y. Lo	
	Jenrey 1. Lo	
Date:	Scott Mackie	

PATENT REEL: 013310 FRAME: 0121 Attorney Docket No.: 1014-043US01/JNP-0233

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Date:	
	Jeffrey Y. Lo
Date: 1 <sup>ST</sup> SEP 2002	Sect of D
	Scott Mackie

RECORDED: 09/18/2002 REEL: 013310 FRAME: 0122