	Form PTO-1595 03 - 20	-2003			
	R				
	102395209 Attorney's Docket No. 0023-010' 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):	2. Nome and address of acciping most (i.e.)			
	Nurettin Burcak Beser 3.5.63	2. Name and address of receiving party(ies):			
	Additional name(s) of conveying party(ies) attached?	Name: Juniper Networks, Inc.			
	Yes No	Address: 1194 North Mathilda Avenue			
		2. Name and address of receiving party(ies): Name: Juniper Networks, Inc. Address: 1194 North Mathilda Avenue Sunnyvale, California 94089-1206			
	3. Nature of conveyance:	í			
		Additional name(s) & address(es) attached?			
	Other:	│			
	Execution Date: March 4, 2003				
ļ	4. Application number(s) or patent number(s): 237 8858 If this document is being filed together with a new application, the execution date of the application is: March 4, 2003				
	A. Patent Application No.(s)	B. Patent No.(s)			
	Additional numbers attached? Yes No				
}	Name and address of party to whom correspondence should be mailed:	6. Total number of applications and patents involved: 1			
		7. Total fee (37 CFR 3.41): \$40.00			
ļ	Name: Paul A. Harrity	⊠ Enclosed			
ĺ	Address: HARRITY & SNYDER, L.L.P.	Authorization to be charged to deposit account, if			
	11240 Waples Mill Road Suite 300	necessary.			
	Fairfax, Virginia 22030				
	IT HAN 9 IN COR YAN B WAY HAN	8. Deposit account number:			
	26615	50-1070			
	M-TEM-I INAUTEM ARKONFREZ				
	DO NOT U	SE THIS SPACE			
	9. Statement and signature. 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				
	Paul A. Harrity Reg. No. 39,574 Name of Person Signing Signatu	March 5, 2003 Date			
	Total number of pages including cover sheet, attachments,				
03/19/2003	/19/2003 ECURPER 00000075 10378858 May documents to be recorded with required cover sheet information to:				
01 FC:8021	1	tents and Trademarks			
(, , , , , , ,		ignments			

PATENT

REEL: 013854 FRAME: 0847

SOLE INVENTION (Worldwide Rights)

ASSIGNMENT

WHEREAS, I, the below named inventor (hereinafter referred to as Assignor), have made an invention entitled:

SYSTEMS AND METHODS FOR CONNECTING LARGE NUMBERS OF CABLE MODEMS

🔀 for which an application is b	eing filed herewith; or	for which I file	d an application for
United States Letters Patent on	under Serial No. ; and		

WHEREAS, <u>Juniper Networks</u>, <u>Inc.</u>, a corporation of <u>Delaware</u> whose post office address is <u>1194 North Mathilda Avenue</u>, <u>Sunnyvale</u>, <u>California 94089-1206</u> (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, I as assignor, 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 I 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, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

AND, I HEREBY further covenant and agree that I 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.

PATENT REEL: 013854 FRAME: 0848

IN TESTIMONY WHEREOF, I have hereunto set our hand. IN WITNESS WHEREOF, I hereto set my hand. Nurettin Burcak Beser Signature: 1781 Karameos Drive Sunnyvale, California 94087 Date: State of California) ss: County of Santa Clara) _ day of <u>March</u>, 2003, before me, Pril hal H Taloff On this 4th Notary Public, personally appeared Nurettin Burcak Beser personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity, and that by his/her/their signature on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. WITNESS my hand and official seal. Signature of Notary Public My Commission Expires: May 11, 2004

[Notary's Seal Here]

RECORDED: 03/05/2003

BRIENNE H. TALOFF Santa Clara County My Comm. Explies May 11, 2004