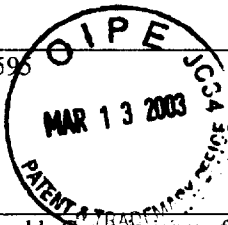


03-19-2003

Form PTO-1596



RECORDATION FOR PATENTS ONLY



102395921

DEPT. OF COMMERCE
Trademark Office

Attorney's Docket No. 0023-0095

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):
Nurettin Burcak BESER

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Juniper Networks, Inc.

Internal Address:

Address: 1194 North Mathilda Avenue
Sunnyvale, California 94089-1206

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name

☐ Other:Execution Date: February 14, 2003

Additional name(s) & address(es) attached?

☐ Yes
☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)
10/355,243

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence
concerning document should be mailed:

Name: Alan Pedersen-Giles

Address: HARRITY & SNYDER, L.L.P.
11240 Waples Mill Road
Suite 300
Fairfax, Virginia 22030



26615

PATENT TRADEMARK OFFICE

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

☒ Enclosed
☐ Authorization to be charged to deposit account, if
necessary.

8. Deposit account number:

50-1070

DO NOT USE THIS SPACE

9. Signature.

Alan Pedersen-Giles
Name of Person Signing

Reg. No. 39,996

Alan Pedersen-Giles
Signature

March 13, 2003
Date

Total number of pages including cover sheet, attachments, and document: 3

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

03/18/2003 LUMELLER 00000093 10355243

01 FC:0021

40.00 DP

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

PATENT
REEL: 013850 FRAME: 0816

SOLE INVENTION
(Worldwide Rights)

ASSIGNMENT

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

FLEXIBLE UPSTREAM RESOURCE SHARING IN CABLE MODEM SYSTEMS

☐ for which an application is being filed herewith; or ☒ for which I filed an application for United States Letters Patent on January 31, 2003 under Serial No. 10/355,243 ; 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, 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, including any previously or subsequently filed provisional applications, 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 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.

IN TESTIMONY WHEREOF, I have hereunto set our hand.

IN WITNESS WHEREOF, I hereto set my hand.

Nurettin Burcak Beser
1781 Karameos Drive
Sunnyvale, CA 94087

Signature: _____

Date: _____

State of California)
) ss:
County of Santa Clara)

On this 14th day of February, 2002³, before me, Brienne H. Taloff,
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.

Brienne H. Taloff

Signature of Notary Public

My Commission Expires: May 11, 2004

[Notary's Seal Here]

