

06-21-2001

MRD
06-13-01



ET

Attorney's Docket No. 0023-0009

To the Honorable Commissioner thereof.

101755150

... attached original document(s) or copy(ies)

1. Name of conveying party(ies):
David CHENGSON; Joel FREDERICK DARNAUER; and Matthew A. TUCKER

Additional name(s) of conveying party(ies) attached?
 Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name

Other:

Execution Dates: May 31, June 6, and June 8, 2001

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

Name: Juniper Networks, Inc.

Address: 1194 Mathilda Avenue
Sunnyvale, California 94089-1206

Additional name(s) & address(es) attached?
 Yes No

11046 U.S. PTO
09/879176
06/13/01

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

If this document is being filed together with a new application, the execution dates of the application is/are: May 31, June 6, and June 8, 2001

A. Patent Application No.(s)
09879176

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Brian E. Ledell

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

06/20/2001 TDIAZ1 00000059 09879176
01 FC:581 40.00 DP

DO NOT USE 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

Brian E. Ledell Reg. No. 42,784 June 13, 2001
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: 4

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

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

JOINT INVENTION
(Worldwide Rights)

ASSIGNMENT

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

**ELECTRICAL-OPTICAL SOURCE SYNCHRONOUS LINK WITH CLOCK RECOVERY
AND FIBER BIT SKEW ALIGNMENT**

for which an application is being filed herewith; or for which we filed an application for United States Letters Patent on _ under Serial No. _; 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.

IN WITNESS WHEREOF, I hereto set my hand.

Matthew A. TUCKER
985 Clayton Street
San Francisco, California 94117

Signature: [Handwritten Signature]
Date: 6/8/01

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

On this 8 day of June, 2001, before me, Christiane Yau
~~Opstedal~~, Notary Public, personally appeared Matthew A. TUCKER personally known to me to
be the person whose name is subscribed to the within instrument and acknowledged to me that he
executed the same in his authorized capacity, and that by his signature on the instrument the
person, or the entity upon behalf of which the person acted, executed the instrument.



[Notary's Seal Here]

WITNESS my hand and official seal.

[Handwritten Signature]
Signature of Notary Public
My Commission Expires: