



RECOR

08-30-2002

DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office



102206100

Attorney's Docket No. 0023-0058


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):
 Pradeep SINDHU;
 Debashis BASU;
 Jayabharat BODDU; and
 Avanindra GODBOLE
8/27/02
 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
 Additional name(s) & address(es) attached?
 Yes
 No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Execution Dates: August 21, 2002
August 16, 2002
August 22, 2002
August 15, 2002

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)
10/207,006
 B. Patent No.(s)
 Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: Paul A. Harrity
 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.
 Paul A. Harrity Reg. No. 39,574 *[Signature]* August 27, 2002
 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:

DEQUEUEING AND CONGESTION CONTROL SYSTEMS AND METHODS

for which an application is being filed herewith; or for which we filed an application for United States Letters Patent on July 30, 2002 under Serial No. 10/207,006; 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, 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 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 TESTIMONY WHEREOF, WE have hereunto set our hand.

IN WITNESS WHEREOF, I hereto set my hand.

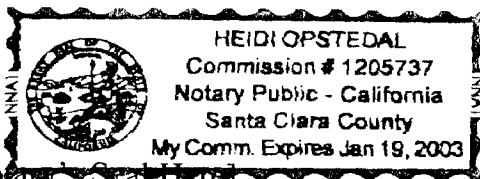
Pradeep Sindhu
26000 Alicante Lane
Los Altos Hills, CA 94022

Signature: *Pradeep Sindhu*

Date: 21 Aug 2002

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

On this 21 day of August, 2002, before me, Heidi Opstedal, Notary Public, personally appeared Pradeep Sindhu 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.



[Notary's Seal Here]

WITNESS my hand and official seal.

Heidi Opstedal
Signature of Notary Public
My Commission Expires: 1/19/03

IN WITNESS WHEREOF, I hereto set my hand.

Debashis Basu
3324 Loire Court
San Jose, CA 95135

Signature: *Debashis Basu*

Date: 8/16/02

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

On this 16 day of August, 2002, before me, Heidi Opstedal, Notary Public, personally appeared Debashis Basu 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.



[Notary's Seal Here]

WITNESS my hand and official seal.

Heidi Opstedal
Signature of Notary Public
My Commission Expires: 1/19/03

IN WITNESS WHEREOF, I hereto set my hand.

Jayabharat Boddu
592 Mill Creek Lane, Apt. 313
Santa Clara, CA 95054

Signature: *Jayabharat*

Date: 08/22/02

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

On this 22 day of August, 2002, before me, Heidi Opstedal, Notary Public, personally appeared Jayabharat Boddu 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.

Heidi Opstedal
Signature of Notary Public
My Commission Expires: 1/19/03

IN WITNESS WHEREOF, I hereto set my hand.

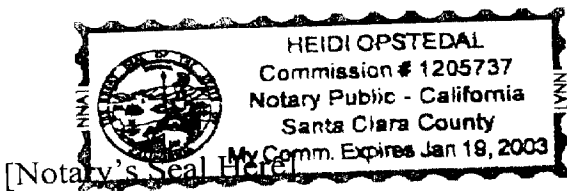
Avanindra Godbole
3276 Ravenswood Way
San Jose, CA 95148

Signature: *[Signature]*

Date: 8/15/02

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

On this 15 day of August, 2002, before me, Heidi Opstedal, Notary Public, personally appeared Avanindra Godbole 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.

Heidi Opstedal
Signature of Notary Public
My Commission Expires: 1/19/03