

07-26-2002

FORM PTO-1595

(Rev. 6-93)

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U.S. DEPARTMENT OF COMMERCE
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Name of conveying party(ies): James Murphy Ping Pan	Execution Date (Month/Day/Year) 07/11/2002 07/02/2002 7.23.02	Name and address of receiving party(ies): Juniper Networks, Inc. 1194 North Mathilda Avenue Sunnyvale, California 94089-1206
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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- ☐ This document is being filed with a new patent application on ____.
- ☒ This document is to be recorded against the following patent application or patent:

Patent Application No.(s)

10/142,730

Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Kent J. Sieffert
Address: Shumaker & Sieffert, P.A.
8425 Seasons Parkway, Suite 105
St. Paul, MN 55125

Total number of applications and patents involved: 1

Total fee (37 CFR 3.41): \$40.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account

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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.

Kent J. Sieffert

Name of Person Signing

Signature

July 16, 2002

Date

Total number of pages of the attached conveyance document including any attachments: 2

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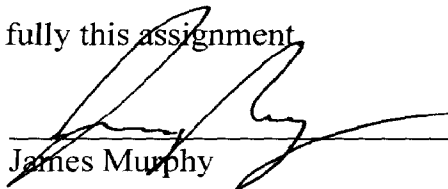
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PATENT
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ASSIGNMENT

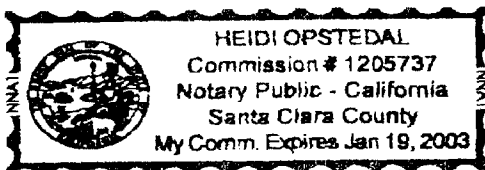
For valuable consideration, we, James Murphy of 505 Treyburn Circle, San Ramon, California 94538 and Ping Pan of 185 Randolph Avenue, Emerson, New Jersey 07630, hereby assign to: Juniper Networks, Inc. having a place of business at: 1194 N. Mathilda Avenue, Sunnyvale, California 94089-1206; and its successors 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 AGGREGATING END-TO-END QoS SIGNED PACKET FLOWS THROUGH LABEL SWITCHED PATHS, filed May 8, 2002, and assigned U.S. Serial Number 10/142,730, 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: 7/11/02


James Murphy

State of California)
) ss:
County of Santa Clara

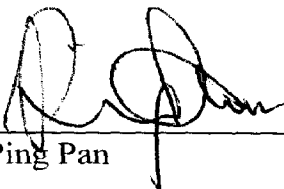
On this 11 day of July, 2002, before me, Heidi Opstedal
Notary Public, personally appeared James Murphy personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ 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

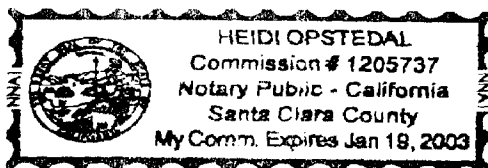
Date: 7/2/2002



Ping Pan

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

On this 2 day of July, 2002, before me, Heidi Opstedal
Notary Public, personally appeared Ping Pan 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