

02-01-2005



102930999

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

Name of conveying party(ies):

Execution Date
(Month/Day/Year)

Name and address of receiving party(ies):

Robert M. Krohn
Sankar Ramamoorthi
Michael Freed
Keith Holleman12/09/2004
12/03/2004
01/10/2005
01/18/2005Juniper Networks, Inc.
1194 North Mathilda Avenue
Sunnyvale, California 94089-1206Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ NoAdditional name(s) & address(es) attached? ☐ Yes ☒ No

Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

Submission Type:

☒ New ☐ Resubmission (Non-Recordation):
Document ID #
☐ Correction of PTO Error: Reel # ___ Frame #
☐ Corrective Document: Reel # ___ Frame #☐ 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)

Patent No.(s)

10/916,021

Additional numbers attached? ☐ Yes ☒ No

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

Total number of applications and patents involved: 179

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

Total fee (37 CFR 3.41): \$40.00

☒ Enclosed
☐ Authorized to be charged to deposit account

Please charge any additional fees or credit any overpayments to our Deposit account number: 50-1778

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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.

Kent J. Sieffert
Name of Person Signing
Reg. No. 41,312
SignatureJanuary 24, 2005
Date

Total number of pages of the attached conveyance document including any attachments: 8

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02/01/2005 ECDOPER 00000055 10916021

Commissioner of Patents and Trademarks
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40.00 OP

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PATENT
REEL: 016198 FRAME: 0685

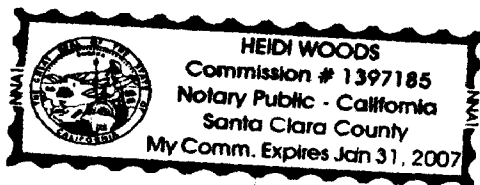
ASSIGNMENT

For valuable consideration, we, Robert M. Krohn of 465 Addison, Palo Alto, California 94301, Sankar Ramamoorthi of 6473 Rainbow Drive, San Jose, California 95129, Michael Freed of 6285 Camino del Lago, Fremont, California 94536 and Keith Holleman of 813 Miles Court, Santa Clara, California 95051, 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 the subject of an application for United States Patent signed by us, entitled STATEFUL FIREWALL PROTECTION FOR CONTROL PLANE TRAFFIC WITHIN A NETWORK DEVICE, filed August 11, 2004, and assigned U.S. Serial Number 10/916,021; 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: 12-9-04

 Robert M. Krohn
State of CaliforniaCounty of Santa Clara ss:

On this 9 day of December, 2004, before me, Heidi Woods, Notary Public, personally appeared Robert M. Krohn 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.

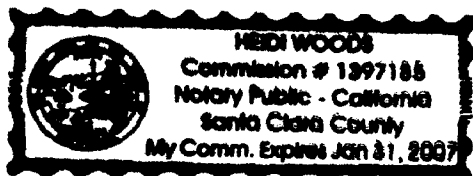

 Signature of Notary Public
 My Commission Expires: 1/31/07

Date: 3 Dec 2004

Sankar Ramamoorthi
Sankar Ramamoorthi

State of California)
County of Santa Clara) ss:

On this 3 day of December, 2004, before me, Heidi Woods,
Notary Public, personally appeared Sankar Ramamoorthi 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 Woods
Signature of Notary Public
My Commission Expires: 1/31/07

Date: _____

Michael Freed

State of _____)
County of _____) ss:

On this _____ day of _____, 20____, before me, _____,
Notary Public, personally appeared _____ 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:

Date: _____

Keith Holleman

State of _____)
) ss:
County of _____)

On this _____ day of _____, 20____, before me, _____,
Notary Public, personally appeared _____ 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:

ASSIGNMENT

For valuable consideration, we, Robert M. Krohn of 465 Addison, Palo Alto, California 94301, Sankar Ramamoorthi of 6473 Rainbow Drive, San Jose, California 95129, Michael Freed of 6285 Camino del Lago, Fremont, California 94536 and Keith Holleman of 813 Miles Court, Santa Clara, California 95051, 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 the subject of an application for United States Patent signed by us, entitled STATEFUL FIREWALL PROTECTION FOR CONTROL PLANE TRAFFIC WITHIN A NETWORK DEVICE, filed August 11, 2004, and assigned U.S. Serial Number 10/916,021; 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: _____

Robert M. Krohn

State of _____)
) ss:
County of _____)

On this _____ day of _____, 20____, before me, _____,
Notary Public, personally appeared _____ 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:

Date: _____

Sankar Ramamoorthi

State of)
) ss:
County of)

On this _____ day of _____, 20____, before me, _____,
Notary Public, personally appeared _____ 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:

Date: 1/10/2005

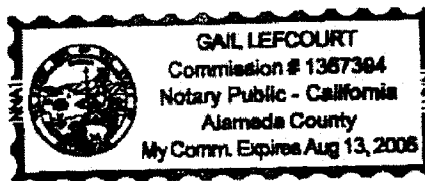
State of California)
County of Alameda) ss:

Michael Freed

On this 10th day of Jan., 2005, before me, Gail Lefcourt,
Notary Public, personally appeared Michael Freed 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: Aug 13, 2006



ASSIGNMENT

For valuable consideration, we, Robert M. Krohn of 465 Addison, Palo Alto, California 94301, Sankar Ramamoorthi of 6473 Rainbow Drive, San Jose, California 95129, Michael Freed of 6285 Camino del Lago, Fremont, California 94536 and Keith Holleman of 813 Miles Court, Santa Clara, California 95051, 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 the subject of an application for United States Patent signed by us, entitled STATEFUL FIREWALL PROTECTION FOR CONTROL PLANE TRAFFIC WITHIN A NETWORK DEVICE, filed August 11, 2004, and assigned U.S. Serial Number 10/916,021; 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: _____

Robert M. Krohn

State of _____)
) ss:
 County of _____)

On this _____ day of _____, 20____, before me, _____,
 Notary Public, personally appeared _____ 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:

Sankar Ramamoorthi

State of)
) ss:
County of)

On this _____ day of _____, 20____, before me, _____,
Notary Public, personally appeared _____ 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:

Date: _____

Michael Freed

State of)
) ss:
County of)

On this _____ day of _____, 20____, before me, _____,
Notary Public, personally appeared _____ 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:

Date: 11/18/2005

Keith Holleman

State of)
County of) ss:
)

On this _____ day of _____, 20____, before me, _____,
Notary Public, personally appeared _____ 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: