. 2-22-05			
Form PTO-1595 U.S DEP . 03 - 04	4-2005		
RE Attorney's Docket No. 0023-0224			
	Attorney's Docket No. 0023-0224		
To the Honorable Commissioner of Pate thereof.	Attorney's Docket No. 0023-0224 Attorney's Docket No. 0023-0224 attached original document(s) or copy(ies)		
Name of conveying party(ies): Name of conveying party(ies):	2. Name and address of receiving party(ies):		
Matthew A. Palmer Andrew Richard Harding Jason P. Poirier	Name: Juniper Networks, Inc.		
Theron Tock	Address: 1194 North Mathilda Avenue Sunnyvale, California 94089-1206		
Additional name(s) of conveying party(ies) attached? Yes No	တ <u>်</u>		
3. Nature of conveyance: ☐ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name Execution Dates: January 19, 2005 February 7, 2005 February 18, 2005	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 appl			
January 19, 2005; Februar A. Patent Application No.(s)	y 7, 2005; and February 18, 2005 B. Patent No.(s)		
(-)			
Additional numbers at	ttached? 🗌 Yes 🛛 No		
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: $\underline{1}$		
should be mailed:	7. Total fee (37 CFR 3.41): \$40.00		
Name: John E. Harrity	⊠ Enclosed		
Address: HARRITY & SNYDER, L.L.P. 11240 Waples Mill Road Suite 300 Fairfax, Virginia 22030	Authorization to be charged to deposit account, if necessary.		
Pantax, Viiginia 22030	8. Deposit account number:		
CUSTOMER NUMBER: 44987	50-1070		
DO NOT I	JSE THIS SPACE		
9. Statement and signature.	JOE 11113 STACE		
	rmation is true and correct and any attached copy is a true		
John E. Harrity Name of Person Signing Reg. No. 43,367 Signat	February 22, 2005 Date		
Total number of pages including cover sheet, attachments,	, and document: 7		
05 DBYRHE 00000051 11061641 Mail documents to be recorded wit	th required cover sheet information to:		

40.00 DP/

U.S. Patent and Trademark Office
220 20th Street S.
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Crystal Plaza Two, Lobby, Room 1B03
Arlington, Virginia 22202

PATENT REEL: 016315 FRAME: 0639

JOINT INVENTION (Worldwide Rights)

ASSIGNMENT

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

FEDERATING TRUST IN A HETEROGENEOUS NETWORK

If for which an application is being filed	d herewith; or for which we fi	led an application for
United States Letters Patent on	under Serial No.	; and
WHEREAS, Juniper Networks, I	nc., a corporation of Delaware v	whose post office
address is 1194 North Mathilda Avenue,	Sunnyvale, California 94089-120	6 (hereinafter referred
to as Assignee), is desirous of securing the	he entire right, title, and interest in	and to this invention
in all countries throughout the world, and	d in and to the application for Unit	ted States Letters
Patent on this invention and the Letters P	Patent to be issued upon this applic	cation;

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 including any previously or subsequently filed provisional applications, 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.

PATENT REEL: 016315 FRAME: 0640 IN TESTIMONY WHEREOF, WE have hereunto set our hand. IN WITNESS WHEREOF, I hereto set my hand. Matthew A. Palmer 335 Barton Place Menlo Park, CA 94025 State of California) ss: County of Santa Clara) On this 18 day of Jellsuasy, 2005, before me, Heide Woods Notary Public, personally appeared Matthew A. Palmer 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 Olidis Woods Commission # 1397185 Notary Public - California Signature of Notary Public Santa Clara County My Comm. Expires Jan 31, 2007 My Commission Expires: 1/31/07 IN WITNESS WHEREOF, I hereto set my hand. Andrew Richard Harding 209 Hacienda Drive Scotts Valley, CA 95066 State of California) ss: County of Santa Clara) On this 7 day of February, 2005, before me, Heide Woods
Notary Public, personally appeared Andrew Richard Harding 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. HEIDI WOODS WITNESS my hand and official seal. Commission # 1397185 Notary Public - California Santa Clara County Signature of Notary Public
My Commission Expires: 1/31/07 My Comm. Expires Jan 31, 2007

- 2 -

[Notary's Seal Here]

PATENT

REEL: 016315 FRAME: 0641

Jason P. Poirier	Signature:
40 Green Meadow Lane	
Bedford, MA 03110	Date:
State of California)) ss:	
County of Santa Clara)	
the basis of satisfactory evidence) to be the prinstrument and acknowledged to me that her	r signature on the instrument the person(s), or the
	WITNESS my hand and official seal.
[Notary's Seal Here]	Signature of Notary Public My Commission Expires:
IN WITNESS WHEREOF, I hereto set my hand.	\sim
Theron Tock 620 Palo Alto Avenue Mountain View, CA 94041	Signature: Jun Ul Date: 07 Jeh 2005
State of California)) ss:	
County of Santa Clara)	
Notary Public, personally appeared <u>Theron I</u> basis of satisfactory evidence) to be the personstrument and acknowledged to me that he/	signature on the instrument the person(s), or the
HEIDI WOODS Commission # 1397185 Notary Public - California Santa Clara County Letary C. SANGE After Expires Jan 31, 2007	WITNESS my hand and official seal. We will be the work of the control of the con

- 3 -

Attorney Docket No. 0023-0224

JOINT INVENTION (Worldwide Rights)

ASSIGNMENT

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

FEDERATING TRUST IN A HETEROGENEOUS NETWORK

If for which an application is being filed	herewith; or for which we filed	an application for
United States Letters Patent on	under Scrial No.	; and
WHEREAS, Juniper Networks, In	ac., a corporation of <u>Delaware</u> who	-

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 including any previously or subsequently filed provisional applications, 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.

PATENT REEL: 016315 FRAME: 0643

Attorney Docket No. 0023-0224

IN TESTIMONY WHE	EREOF, WE have he	reunto set our hand.
IN WITNESS WHEREOF,	I hereto set my hand	L.
Matthew A. Palmer 335 Barton Place		Signature:
Menlo Park, CA 94025		Date:
State of California)) ss:	
County of Santa Clara	/	
On thisNotary Public, personal	day oflly appeared Matthew	, 2005, before me, w A. Palmer 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.		
3		WITNESS my hand and official seal.
[Notary's Seal Here]	·	Signature of Notary Public My Commission Expires:
IN WITNESS WHEREOF,	I hereto set my hand	l.
Andrew Richard Hardin 209 Hacienda Drive	ng	Signature:
Scotts Valley, CA 9506	66	Date:
State of California)) ss:	
County of Santa Clara		
to me on the basis of sa the within instrument at his/her/their authorized	tisfactory evidence) nd acknowledged to capacity, and that by	, 2005, before me, Richard Harding personally known to me (or proved to be the person(s) whose name is/arc subscribed to me that he/she/they executed the same in y his/her/their signature on the instrument the h the person(s) acted, executed the instrument.
		WITNESS my hand and official seal.
[Notary's Scal Here]		Signature of Notary Public My Commission Expires:

Attorncy Docket No. 0023-0224

Jason P. Poirier 40 Green Meadow Lane Bedford, MA 03110		Signature: Date: /////////
In Witness Whereof, I	hereto set my har	nd.
Theron Tock 620 Palo Alto Avenue		Signature:
Mountain View, CA 940)41	Date:
State of California)) ss:	
County of Santa Clara)	
On this	day of	, 2005, before me, ,
Notary Public, personall the basis of satisfactory instrument and acknowle authorized capacity, and	y appeared <u>Thero</u> evidence) to be th edged to me that l that by his/her/th	n Tock personally known to me (or proved to me on e person(s) whose name is/are subscribed to the withine/she/they executed the same in his/her/their eir signature on the instrument the person(s), or the acted, executed the instrument.
		WITNESS my hand and official seal.
(Notary's Scal Here)		Signature of Notary Public
TINDIALA S SCAL HOLET		IVIV L CHAMISSION EXPIRES.