504380476 05/23/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YULY N. BECERRA TENORIO	05/22/2017
DANIEL J. QUINLAN	05/22/2017
VOLODYMYR KUZNETSOV	05/22/2017
YURIY VOYNALOVYCH	05/22/2017
WEI HAN KAO	05/22/2017

RECEIVING PARTY DATA

Name:	JUNIPER NETWORKS, INC.
Street Address:	1133 INNOVATION WAY
City:	SUNNYVALE
State/Country:	CALIFORNIA
Postal Code:	94089

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15602682

CORRESPONDENCE DATA

Fax Number: (571)432-0808

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 5714320800

Email: Jcato@harrityllp.com

Correspondent Name: HARRITY AND HARRITY, LLP Address Line 1: 11350 RANDOM HILLS ROAD

Address Line 2: SUITE 600

Address Line 4: FAIRFAX, VIRGINIA 22030

Tatal Attackments 4	
DATE SIGNED:	05/23/2017
SIGNATURE:	/Daniel M. Jebsen, Reg. No. 71,711/
NAME OF SUBMITTER:	DANIEL M. JEBSEN
ATTORNEY DOCKET NUMBER:	0023-0871

Total Attachments: 4

PATENT REEL: 042479 FRAME: 0940

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PATENT REEL: 042479 FRAME: 0941

Attorney Docket No. <u>0023-0871</u> JOINT INVENTION (Worldwide Rights)

ASSIGNMENT

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

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IDENTIFYING A FILE USING METADATA AND I CLASSIFICATION OF THE FILE BEFORE COMPL			
for which an application is being filed herewith; or United States Letters Patent on May 23, 2017			
We hereby authorize Applicants' representative relating to the filing date and/or serial number, as appropriate the control of	-	ng information	

WHEREAS, <u>Juniper Networks</u>, <u>Inc.</u>, a corporation of <u>Delaware</u> whose post office address is <u>1133 Innovation Way</u>, <u>Sunnyvale</u>, <u>CA 94089</u> (hereinafter referred to as Assignce), 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

PATENT REEL: 042479 FRAME: 0942 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.

Yuly N. Becerra TENORIO		Signature: <u>VABOO </u>
1776 Woodside Ct.	e S	Januar Variation
Concord, CA 94519 US	* * * * * * * * * * * * * * * * * * *	Date: 5/92/2017
Daniel J. QUINLAN		Signature:
523 Bryant Street #222		alan lim
San Francisco, CA 94107 US		Date: 2/64/17
Volodymyr KUZNETSOV 1117 Foster City Blvd, Apt. 4 Foster City, CA 94404 US		Signature:
Yuriy VOYNALOVYCH 1061 Beach Park Blvd, Apt. 202 Foster City, CA 94404 US		Signature: 4/455 Date: 5 / 2 2 / 2017
Wei Han KAO		Signature:
213A Murlagan Ave		
Mountain View, CA 94043 US		Date:

Attorney Docket No. <u>0023-0871</u> JOINT INVENTION (Worldwide Rights)

ASSIGNMENT

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

IDENTIFYING A FILE USING METADATA AND I	DETERMINING A	SECURITY	
CLASSIFICATION OF THE FILE BEFORE COMPL	ETING RECEIPT	OF THE FILE	
for which an application is being filed herewith; or	for which we	filed an application	for
United States Letters Patent on May 23, 2017	under Serial No.	15/602,682	and

We hereby authorize Applicants' representative to fill in the preceding information relating to the filing date and/or serial number, as appropriate.

WHEREAS, <u>Juniper Networks</u>, <u>Inc.</u>, a corporation of <u>Delaware</u> whose post office address is <u>1133 Innovation Way</u>, <u>Sunnyvale</u>, <u>CA 94089</u> (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

PATENT REEL: 042479 FRAME: 0944 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.

Yuly N. Becerra TENORIO 1776 Woodside Ct.	Signature:
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523 Bryant Street #222	
San Francisco, CA 94107 US	Date:
Volodymyr KUZNETSOV	Signature:
1117 Foster City Blvd, Apt. 4	
Foster City, CA 94404 US	Date:
Yuriy VOYNALOVYCH	Signature:
1061 Beach Park Blvd, Apt. 202	
Foster City, CA 94404 US	Date:
Wei Han KAO	Signature: 1/2 / / / / / / / / / / / / / / / / / /
213A Murlagan Ave	Organius ()
Mountain View. CA 94043 US	Date: (72-/7
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