PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SUBRAT PANI	08/19/2020
BALAJI RANI	08/19/2020
ANTHONY LANZA	08/19/2020
JOHN E. ZIEGLER	08/18/2020
SHIRISH B. DANDEKAR	08/19/2020

RECEIVING PARTY DATA

Name:	JUNIPER NETWORKS, INC.	
Street Address:	1133 INNOVATION WAY	
City:	SUNNYVALE	
State/Country:	CALIFORNIA	
Postal Code:	94089-1206	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16947861

CORRESPONDENCE DATA

Fax Number: (651)735-1102

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: 6517351100

Email:pairdocketing@ssiplaw.comCorrespondent Name:SHUMAKER & SIEFFERT P. A.Address Line 1:1625 RADIO DRIVE, SUITE 100Address Line 4:WOODBURY, MINNESOTA 55125

ATTORNEY DOCKET NUMBER:	2014-251US01/JNP3331-US	
NAME OF SUBMITTER:	RENEE L.W. LOPER	
SIGNATURE:	/Renee L.W. Loper/	
DATE SIGNED:	08/20/2020	
This document serves as an Oath/Declaration (37 CFR 1.63).		

Total Attachments: 3

PATENT REEL: 053555 FRAME: 0989

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PATENT REEL: 053555 FRAME: 0990

COMBINED ASSIGNMENT/DECLARATION (37 CFR 1.63)

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **Juniper Networks, Inc.**, having a place of business at 1133 Innovation Way, Sunnyvale, CA 94089-1206 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following provisional application filed under 35 U.S.C. § 111(b), non-provisional application filed under 35 U.S.C. § 111(a), international application filed according to the Patent Cooperation Treaty (PCT), or U.S. national phase application filed under 35 U.S.C. § 371 ("APPLICATION"):

Application No. 16/947,861 , entitled "PRIORITY CHANNELS FOR DISTRIBUTED BROADBAND NETWORK GATEWAY CONTROL PACKETS" filed on August 20, 2020 (I hereby authorize the Assignee and its representative to hereafter add herein such application number(s) and/or filing date(s) when known.)

2. The entire worldwide right, title, and interest in and to:

(a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) which may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

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Attorney Docket No.: 2014-251US01

Tide: PRIORITY CHANNELS FOR DISTRIBUTED BROADBAND NETWORK GATEWAY CONTROL PACKETS

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

This declaration is directed to the APPLICATION. By signing below, INVENTOR further attests to the following:

- The APPLICATION was made or authorized to be made by INVENTOR.
- INVENTOR believes that INVENTOR is the original inventor or an original joint inventor of a claimed invention in the APPLICATION.
- INVENTOR acknowledges the duty to disclose to the United States Patent
 and Trademark Office all information known to INVENTOR to be
 material to patentability as defined in 37 CFR § 1.56, which for a
 continuation-in-part includes information known to INVENTOR to be
 material to patentability as defined in 37 CFR § 1.56 that became available
 between the filing date of the prior patent application and the National or
 PCT filing date of the continuation-in-part application.

INVENTOR hereby acknowledges that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Name and Signature	Date of Signature
Subsect Paris (Aug. 13, 2020 (6:37 (6:01)	Aug 19, 2020
Subrat Pani	
Name and Signature	Date of Signature
	Aug 19, 2020
Balaji Rani	
Name and Signature	Date of Signature
Pritting (anal (A), 15, 2005 (2005)	Aug 19, 2020
Anthony Lanza	

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Tide: PRIORITY CHANNELS FOR DISTRIBUTED BROADBAND NETWORK. GATEWAY CONTROL PACKETS

Name and Signature	Date of Signature
J. Ziego J. 18, 2020 (1)225 (201)	Aug 18, 2020
John E. Ziegler	
Name and Signature	Date of Signature
ivanie and Signature	Date of Signature
Shirish Dandeker (Aug 13, 2020 12:59 ED1)	Aug 19, 2020

Shirish B. Dandekar