

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DAVID P. CHENGSON	12/16/2016
EDWARD C. CHANG	12/20/2016
RANJEETH DOPPALAPUDI	12/16/2016
SANTOSH KUMAR PAPPU	12/16/2016
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:	15385161
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	1014-892US01/JNP2549-US
NAME OF SUBMITTER:	JULIA A. EHRREICH
SIGNATURE:	/Julia A. Ehrreich/
DATE SIGNED:	12/20/2016
Total Attachments: 2	
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ASSIGNMENT

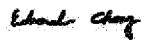
For valuable consideration, we, David P. Chengson of 511 Calle Serra, Aptos, CA, 95003, U.S.A., Edward C. Chang of 20454 Chalet Lane, Saratoga, CA, 95070, U.S.A., Ranjeeth Doppalapudi of 1006 N Jackson Ave, San Jose, CA, 95133, U.S.A., and Santosh Kumar Pappu of 180 Elm Court, Apt 609, Sunnyvale, CA, 94086, U.S.A., hereby assign to: Juniper Networks, Inc., having a place of business at: 1133 Innovation Way, Sunnyvale, CA 94089-1206, United States of America, 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 **PLACEMENT OF VIAS IN PRINTED CIRCUIT BOARD CIRCUITS**, filed December 20, 2016, and assigned U.S. Serial Number 15/385,161; this assignment including said application, (and do hereby authorize ASSIGNEE and its representative to hereafter add herein such application number(s) and/or filing date(s) when known), any provisional, non-provisional, continuation, continuation-in-part, divisional, reissue, renewal, extension or other application for any of said inventions or improvements, 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: Dec 16, 2016


David P. Chengson (Dec 16, 2016)

David P. Chengson

Date: Dec 20, 2016


Edward Chang (Dec 20, 2016)

Edward C. Chang

Date: Dec 16, 2016


RANJEETH DOPPALAPUDI (Dec 16, 2016)

Ranjeeth Doppalapudi

Date: Dec 16, 2016


Santosh Pappu (Dec 16, 2016)

Santosh Kumar Pappu