

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5049159

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	MERGER
EFFECTIVE DATE:	07/02/2018
CONVEYING PARTY DATA	
Name	Execution Date
PACKET DESIGN, LLC	07/02/2018
RECEIVING PARTY DATA	
Name:	CIENA CORPORATION
Street Address:	7035 RIDGE ROAD
City:	HANOVER
State/Country:	MARYLAND
Postal Code:	21076
PROPERTY NUMBERS Total: 16	
Property Type	Number
Patent Number:	7120792
Patent Number:	7197573
Patent Number:	7277393
Patent Number:	7334045
Patent Number:	7539191
Patent Number:	7688740
Patent Number:	8135834
Patent Number:	8274901
Patent Number:	8422502
Patent Number:	8547851
Patent Number:	8677016
Patent Number:	8751624
Patent Number:	8824331
Patent Number:	8937946
Patent Number:	9026674
Patent Number:	9191302
CORRESPONDENCE DATA	
Fax Number:	
Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent	
PATENT	

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 4106943164
Email: rkucler@ciena.com
Correspondent Name: ROBERT D. KUCLER
Address Line 1: 7035 RIDGE ROAD
Address Line 2: CIENA LEGAL DEPARTMENT
Address Line 4: HANOVER, MARYLAND 21076

NAME OF SUBMITTER:	ROBERT D.KUCLER
SIGNATURE:	/Robert D. Kucler/
DATE SIGNED:	07/13/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 7

source=Python Acquisition Subsidiary, LLC-DE-Merger (Discontinuing Company)#page1.tif
source=Python Acquisition Subsidiary, LLC-DE-Merger (Discontinuing Company)#page2.tif
source=Python Acquisition Subsidiary, LLC-DE-Merger (Discontinuing Company)#page3.tif
source=Python Acquisition Subsidiary, LLC-DE-Merger (Discontinuing Company)#page4.tif
source=PACKET DESIGN, LLC-DE-Merger (Discontinuing Company)#page1.tif
source=PACKET DESIGN, LLC-DE-Merger (Discontinuing Company)#page2.tif
source=PACKET DESIGN, LLC-DE-Merger (Discontinuing Company)#page3.tif

Delaware

The First State

Page 1

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF
DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT
COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"PYTHON ACQUISITION SUBSIDIARY, LLC", A DELAWARE LIMITED
LIABILITY COMPANY,

WITH AND INTO "PACKET DESIGN, LLC" UNDER THE NAME OF "PACKET
DESIGN, LLC", A LIMITED LIABILITY COMPANY ORGANIZED AND EXISTING
UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED
IN THIS OFFICE ON THE SECOND DAY OF JULY, A.D. 2018, AT 10:43
O`CLOCK A.M.



5247528 8100M
SR# 20185465736

You may verify this certificate online at corp.delaware.gov/authver.shtml

A handwritten signature in black ink, appearing to read "JB", is written over a horizontal line. Below the line, the text "Jeffrey W. Bullock, Secretary of State" is printed in a small font.

Authentication: 202994687
Date: 07-02-18

PATENT
REEL: 046342 FRAME: 0763

CERTIFICATE OF MERGER

OF

PYTHON ACQUISITION SUBSIDIARY, LLC

WITH AND INTO

PACKET DESIGN, LLC

July 2, 2018

Pursuant to Section 18-209 of the Delaware Limited Liability Company Act (the "DLLCA"), Packet Design, LLC, a Delaware limited liability company (the "Company") hereby certifies as follows:

FIRST: The name, jurisdiction of formation and type of entity of each of the constituent companies of the merger (the "Constituent Companies") are as follows:

<u>Name of Company</u>	<u>Jurisdiction of Formation</u>	<u>Type of Entity</u>
Packet Design, LLC	Delaware	Limited liability company
Python Acquisition Subsidiary, LLC	Delaware	Limited liability company

SECOND: An Agreement and Plan of Merger, dated as of May 30, 2018 (the "Merger Agreement"), by and among Ciena Corporation, a Delaware corporation, Python Acquisition Subsidiary LLC, the Company and Lone Rock Technology Group, LLC, a Delaware limited liability company, as the Securityholders' Agent (as defined in the Merger Agreement), has been approved, executed and acknowledged by each of the Constituent Companies in accordance with the requirements of Section 18-209 of the DLLCA.

THIRD: The Company shall be the surviving company of the merger (the "Surviving Company"). The name of the Surviving Company is "Packet Design, LLC".

FOURTH: Upon the Effective Time (as defined below), the Certificate of Formation of the Company, as in effect immediately prior to the Effective Time, shall be amended by deleting Paragraph 2 thereof in its entirety and replacing it with the following:

"2. The address of the registered office of the Company in the State of Delaware is 251 Little Falls Drive, Wilmington, New Castle County, Delaware 19808. The name of its registered agent at such address is Corporation Service Company."

The Certificate of Formation of the Company, as so amended, shall be the Certificate of Formation of the Surviving Company.

FIFTH: An executed copy of the Merger Agreement is on file at the principal place of business of the Surviving Company. The address of such principal place of business is:

Packet Design, LLC
7801 N. Capital of Texas Highway
Suite 230
Austin, Texas 78731

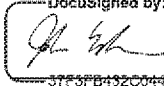
SIXTH: A copy of the Merger Agreement will be furnished by the Surviving Company upon request and without cost to any member of either of the Constituent Companies.

SEVENTH: The Merger shall become effective immediately upon the filing of this Certificate of Merger with the Secretary of State of the State of Delaware (the "Effective Time").

[Signature Page Follows]

IN WITNESS WHEREOF, this Certificate of Merger has been executed as of the date first written above.

PACKET DESIGN, LLC

By:  DocuSigned by:
Name: John Eckman
Title: Chief Financial Officer

[Signature Page to Certificate of Merger]

Delaware

The First State

Page 1

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"PACKET DESIGN, LLC", A DELAWARE LIMITED LIABILITY COMPANY, WITH AND INTO "CIENA CORPORATION" UNDER THE NAME OF "CIENA CORPORATION", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE ON THE SECOND DAY OF JULY, A.D. 2018, AT 12:18 O`CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.




Jeffrey W. Bullock, Secretary of State

2314539 8100M
SR# 20185469156

You may verify this certificate online at corp.delaware.gov/authver.shtml

Authentication: 202995919
Date: 07-02-18

PATENT
REEL: 046342 FRAME: 0767

CERTIFICATE OF MERGER

OF

CIENA CORPORATION
(a Delaware corporation)

AND

PACKET DESIGN, LLC
(a Delaware limited liability company)

(Under Section 264 of the General Corporation Law of the State of Delaware and
Section 18-209 of the Limited Liability Company Act of the State of Delaware)

Ciena Corporation, a corporation incorporated and existing under and by virtue of the General Corporation Law of the State of Delaware, does hereby certify:

FIRST: The name, jurisdiction of formation or incorporation, and type of entity of each of the constituent entities which are to merge are as follows:

<u>Name</u>	<u>Jurisdiction of Formation or Incorporation</u>	<u>Type of Entity</u>
Ciena Corporation	Delaware	Corporation
Packet Design, LLC	Delaware	Limited Liability Company

SECOND: That an Agreement and Plan of Merger, dated as of July 2, 2018, by and between Ciena Corporation, a Delaware corporation ("Ciena"), and Packet Design, LLC ("Packet Design"), a Delaware limited liability company (the "Agreement and Plan of Merger"), has been approved, adopted, certified, executed and acknowledged by each of the constituent entities of the merger.

THIRD: That pursuant to the Agreement and Plan of Merger, Packet Design will merge with and into Ciena, with Ciena as the surviving corporation of the merger (the "Surviving Corporation"). The name of the Surviving Corporation will continue to be "Ciena Corporation". The Surviving Corporation is a Delaware corporation.

FOURTH: The Certificate of Incorporation of Ciena as in effect immediately prior to the merger shall be the Certificate of Incorporation of the Surviving Corporation.


FIFTH: That the executed Agreement and Plan of Merger is on file at the principal place of business of the Surviving Corporation at 7035 Ridge Road, Hanover, Maryland 21076.

SIXTH: That a copy of the Agreement and Plan of Merger will be furnished by the Surviving Corporation upon request and without cost to any stockholder or to any member of the Limited Liability Company of any constituent company.

SEVENTH: That this Certificate of Merger shall be effective upon filing with the Secretary of State of the State of Delaware.

IN WITNESS WHEREOF, Ciena has caused this Certificate of Merger to be executed as of July 2, 2018.

CIENA CORPORATION

By: 
Name: David M. Rothenstein
Title: Senior Vice President, General Counsel
and Secretary

[Certificate of Merger for Second-Step Merger]