

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5109603

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	CHANGE OF NAME
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BROCADE COMMUNICATIONS SYSTEMS, INC.	11/28/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BROCADE COMMUNICATIONS SYSTEMS LLC
<b>Street Address:</b>	1320 RIDDER PARK DRIVE
<b>City:</b>	SAN JOSE
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95131
<b>PROPERTY NUMBERS Total: 8</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15940309
Application Number:	15940750
Application Number:	15940760
Application Number:	15939158
Application Number:	15939157
Application Number:	15941652
Application Number:	15941660
Application Number:	15941665
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
<b>Phone:</b>	650-326-2400
<b>Email:</b>	mvera@kilpatricktownsend.com
<b>Correspondent Name:</b>	KILPATRICK TOWNSEND & STOCKTON LLP
<b>Address Line 1:</b>	TWO EMBARCADERO CENTER
<b>Address Line 2:</b>	SUITE 1900
<b>Address Line 4:</b>	SAN FRANCISCO, CALIFORNIA 94111
<b>ATTORNEY DOCKET NUMBER:</b>	085284
<b>NAME OF SUBMITTER:</b>	MARCOS VERA
<b>SIGNATURE:</b>	/Marcos Vera/

PATENT

<b>DATE SIGNED:</b>	08/24/2018
<b>Total Attachments: 5</b> source=BROCADE COMMUNICATIONS SYSTEMS LLC - DE - CONVERSION FORMATION (005)#page1.tif source=BROCADE COMMUNICATIONS SYSTEMS LLC - DE - CONVERSION FORMATION (005)#page2.tif source=BROCADE COMMUNICATIONS SYSTEMS LLC - DE - CONVERSION FORMATION (005)#page3.tif source=BROCADE COMMUNICATIONS SYSTEMS LLC - DE - CONVERSION FORMATION (005)#page4.tif source=BROCADE COMMUNICATIONS SYSTEMS LLC - DE - CONVERSION FORMATION (005)#page5.tif	

# Delaware

The First State

Page 1

*I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF  
DELAWARE, DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND  
CORRECT COPY OF THE CERTIFICATE OF CONVERSION OF A DELAWARE  
CORPORATION UNDER THE NAME OF "BROCADE COMMUNICATIONS SYSTEMS,  
INC." TO A DELAWARE LIMITED LIABILITY COMPANY, CHANGING ITS NAME  
FROM "BROCADE COMMUNICATIONS SYSTEMS, INC." TO "BROCADE  
COMMUNICATIONS SYSTEMS LLC", FILED IN THIS OFFICE ON THE TWENTY-  
EIGHTH DAY OF NOVEMBER, A.D. 2017, AT 12:37 O`CLOCK P.M.*



3003488 8100V  
SR# 20177261706

You may verify this certificate online at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

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

Authentication: 203642381  
Date: 11-28-17

**PATENT**  
**REEL: 046943 FRAME: 0778**

**CERTIFICATE OF CONVERSION TO  
LIMITED LIABILITY COMPANY**

**OF**

**BROCADE COMMUNICATIONS SYSTEMS, INC.**  
A Delaware Corporation

**TO**

**BROCADE COMMUNICATIONS SYSTEMS LLC**  
A Delaware Limited Liability Company

November 28, 2017

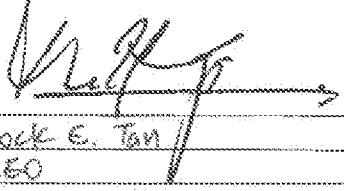
This Certificate of Conversion to Limited Liability Company has been duly executed and is being filed by Brocade Communications Systems, Inc., a Delaware corporation (the "Corporation"), to convert the Corporation to Brocade Communications Systems LLC, a Delaware limited liability company (the "LLC"), under the Delaware Limited Liability Company Act (6 Del. C. § 18-101, et seq.) and the General Corporation Law of the State of Delaware (8 Del. C. § 101, et seq.).

1. The Corporation was first incorporated on February 11, 1999 in the State of Delaware by filing its original Certificate of Incorporation with the Secretary of State of the State of Delaware on such date, and immediately prior to filing this Certificate of Conversion to Limited Liability Company was a corporation incorporated in the State of Delaware.
2. The name and type of entity of the Corporation immediately prior to the filing of this Certificate of Conversion to Limited Liability Company was Brocade Communications Systems, Inc., a Delaware corporation.
3. The name of the limited liability company into which the Corporation shall be converted as set forth in its certificate of formation is Brocade Communications Systems LLC, a Delaware limited liability company.
4. The conversion of the Corporation to the LLC shall be effective on November 28, 2017.

(Signature page follows)

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

Brocade Communications Systems, Inc.


By:   
Name: Hock E. Tan  
Title: CEO

# Delaware

The First State

Page 1

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF  
DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND  
CORRECT COPY OF THE CERTIFICATE OF FORMATION OF "BROCADE  
COMMUNICATIONS SYSTEMS LLC" FILED IN THIS OFFICE ON THE  
TWENTY-EIGHTH DAY OF NOVEMBER, A.D. 2017, AT 12:37 O`CLOCK  
P.M.

  
Jeffrey W. Bullock, Secretary of State

3003488 8100V  
SR# 20177261706

You may verify this certificate online at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

Authentication: 203642381  
Date: 11-28-17

**PATENT**  
**REEL: 046943 FRAME: 0781**

CERTIFICATE OF FORMATION  
OF  
BROCADE COMMUNICATIONS SYSTEMS LLC

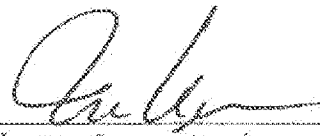
*(Pursuant to Section 18-201 of the Delaware Limited Liability Company Act)*

THIS CERTIFICATE OF FORMATION of Brocade Communications Systems LLC, dated November 28, 2017, has been duly executed and is being filed by the undersigned, an authorized person, to form a limited liability company under the Delaware Limited Liability Company Act (6 Del. C. §18-101, et seq.), as follows:

- FIRST: The name of the limited liability company formed hereby is Brocade Communications Systems LLC (the "Company").
- SECOND: The address of the registered office of the Company in the State of Delaware is 251 Little Falls Drive, Wilmington, Delaware 19808.
- THIRD: The name and address of the registered agent for service of process on the Company in the State of Delaware is Corporation Service Company, 251 Little Falls Drive, Wilmington, Delaware 19808.
- FOURTH: The formation of the Company shall be effective on November 28, 2017.

\*\*\*

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

  
\_\_\_\_\_  
Name: Thomas H. Krause, Jr.  
Authorized Person