PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3021220

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
KWUN-NAN KEVIN LIN	08/25/2014
ASEEM RASTOGI	09/05/2014
MIKE LIN WANG	08/24/2014
DHEERAJ REDDY	09/10/2014
RAVI SWAMY	09/01/2014

RECEIVING PARTY DATA

Name:	BROCADE COMMUNICATIONS SYSTEMS, INC.
Street Address:	130 HOLGER WAY
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95134

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14485343

CORRESPONDENCE DATA

Fax Number:

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: 408-244-6319

Email: flgdocketing@fountainheadlaw.com

Correspondent Name: FOUNTAINHEAD LAW GROUP P.C FOUNTAINHEAD

Address Line 1: 900 LAFAYETTE STREET SUITE 301

Address Line 2: SUITE 301

Address Line 4: SANTA CLARA, CALIFORNIA 95050

ATTORNEY DOCKET NUMBER:	000119-006601US
NAME OF SUBMITTER:	ANDREW J. LEE
SIGNATURE:	/Andrew J. Lee/
DATE SIGNED:	09/12/2014

Total Attachments: 6

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Attorney Docket No.: 000119-006601US

Client Ref. No.: 3291.1.US

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, **Kwun-Nan Kevin Lin, Aseem Rastogi, Mike Lin Wang, Dheeraj Reddy** and **Ravi Swamy**, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: Framework for Reliably Communicating Port Information in a System of Devices

Serial No.: 14/485,343

Filing Date: 12 September 2014

WHEREAS, **Brocade Communications Services, Inc.,** located at 130 Holger Way, San Jose, California 95134, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Fountainhead Law Group PC, 900 Lafayette St., Ste. 301, Santa Clara, CA 95050, to insert herein above the serial number and filing date of said application when known.

Client Ref No.: 3291.1.US
Page 2

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 8/25/2014

Kwun-Nan Kevin Lin

Dated: _______

Aseem Rastogi

Dated: _______

Mike Lin Wang

Dated: _______

Dheeraj Reddy

Ravi Swamy

Assignment

Attorney Docket No.: 000119-006601US

Dated:

Ravi Swamy

Assignment

Client Ref No.: 3291.1.US

Attorney Docket No.: 000119-006601US

Assignment Attorney Docket No.: 000119-006601US Client Ref No.: 3291.1.US Page 2	
IN TESTIMONY WHEREOF indicated.	F, Assignors have signed their names on the dates
Dated:	Kwun-Nan Kevin Lin
Dated:	Aseem Rastogi
Dated: 8/24/2014	Mike Lin Wang
Dated:	Dheeraj Reddy
Dated:	

Ravi Swamy

Assignment Attorney Docket No.: 000119-006601US Client Ref No.: 3291.1.US Page 2		
IN TESTIMONY WHEREOF indicated.	, Assignors have signed their names on the dat	es.
Dated:	Kwun-Nan Kevin Lin	
Dated:	Aseem Rastogi	
Dated:	Mike Lin Wang	
Dated: 9/10/2014	上かりり Dheeraj Reddy	
Dated:		

Ravi Swamy

Assignment Attorney Docket Client Ref No.: 32 Page 2	No.: 000119-006601US 291.1.US		
indicated.	IN TESTIMONY WHEREOF,	Assignors have signed their names o	on the dates
Dated:		Kwun-Nan Kevin Lin	
Dated:		Aseem Rastogi	
Dated:		Mike Lin Wang	
Dated:		Dheeraj Reddy	

Dated: 9/01/2014

RECORDED: 09/12/2014