

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT2710609

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>KWUN-NAN KEVIN LIN</td> <td>01/22/2014</td> </tr> <tr> <td>SHAFIUDDIN MOHAMMED</td> <td>01/22/2014</td> </tr> <tr> <td>TAO GUAN</td> <td>01/27/2014</td> </tr> <tr> <td>VISHAL SINHA</td> <td>02/01/2014</td> </tr> </tbody> </table>		Name	Execution Date	KWUN-NAN KEVIN LIN	01/22/2014	SHAFIUDDIN MOHAMMED	01/22/2014	TAO GUAN	01/27/2014	VISHAL SINHA	02/01/2014
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KWUN-NAN KEVIN LIN	01/22/2014										
SHAFIUDDIN MOHAMMED	01/22/2014										
TAO GUAN	01/27/2014										
VISHAL SINHA	02/01/2014										
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											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14171152</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14171152						
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Application Number:	14171152										
CORRESPONDENCE DATA											
Fax Number:											
Phone:	408-244-6319										
Email:	docketing@fountainheadlaw.com										
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>											
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:	000119-004401US										
NAME OF SUBMITTER:	ANDREW J. LEE										

Signature:	/Andrew J. Lee/
Date:	02/03/2014
Total Attachments: 5 source=000119-004401_Assignment#page1.tif source=000119-004401_Assignment#page2.tif source=000119-004401_Assignment#page3.tif source=000119-004401_Assignment#page4.tif source=000119-004401_Assignment#page5.tif	

**ASSIGNMENT OF PATENT APPLICATION**

JOINT

WHEREAS, **Kwun-Nan Kevin Lin, Shafiuddin Mohammed, Tao Guan, and Vishal Sinha**, 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: **BROADCAST AND MULTICAST TRAFFIC  
REDUCTION IN STACKING SYSTEMS**

Serial No.: 14/171,152

WHEREAS, **Brocade Communications Systems, 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.

Assignor hereby authorize and request Fountainhead Law Group P.C., 900 Lafayette Street, Suite 301, Santa Clara, CA 95050, to insert herein above the serial number of said application when known.

Assignment  
Attorney Docket No.: 000119-004401US  
Client Ref No.: 3215.1.US  
Page 2

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

Dated: 1/22/2014

  
\_\_\_\_\_  
**Kwun-Nan Kevin Lin**

Dated: \_\_\_\_\_

\_\_\_\_\_  
**Shafiuddin Mohammed**

Dated: \_\_\_\_\_

\_\_\_\_\_  
**Tao Guan**

Dated: \_\_\_\_\_

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**Vishal Sinha**

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Dated: \_\_\_\_\_

\_\_\_\_\_  
**Tao Guan**

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**Kwun-Nan Kevin Lin**

Dated: \_\_\_\_\_

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**Shafiuddin Mohammed**

Dated: 11/27/2014

  
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**Tao Guan**

Dated: \_\_\_\_\_

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Dated: \_\_\_\_\_

\_\_\_\_\_  
**Shafiuddin Mohammed**

Dated: \_\_\_\_\_

\_\_\_\_\_  
**Tao Guan**

Dated: 2/1/14

*Vishal Sinha*

\_\_\_\_\_  
**Vishal Sinha**