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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3954169

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DEEPAK HEGDE	07/07/2016
SHAILENDER SHARMA	07/07/2016
RAKESH VARIMALLA	07/07/2016
VEDAM JUDE PRAGASH	07/07/2016
SHUBHARANJAN DASGUPTA	07/07/2016

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:	15205889

CORRESPONDENCE DATA

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FOUNTAINHEAD LAW GROUP P.C FOUNTAINHEAD **Correspondent Name:**

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SUITE 301 Address Line 2:

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ATTORNEY DOCKET NUMBER:	DOCKET NUMBER: 000119-009701US	
NAME OF SUBMITTER:	ANDREW J. LEE	
SIGNATURE:	/Andrew J. Lee Reg. No. 60371/	
DATE SIGNED:	07/08/2016	
	•	

Total Attachments: 2

PATENT REEL: 039111 FRAME: 0699 source=119-9701_Assignment#page1.tif source=119-9701_Assignment#page2.tif

> PATENT REEL: 039111 FRAME: 0700

Attorney Docket No.: -000119-009701US Client Reference No.: 3491.1.US

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, **Deepak Hegde, Shailender Sharma, Rakesh Varimalla, Vedam Jude Pragash** and **Shubharanjan Dasgupta** 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: **SOFTWARE-BASED PACKET BROKER**

Serial No.: 15/205,889

Filing Date: July 8, 2016

WHEREAS, **Brocade Communications Systems, Inc.**, located at 130 Holger Way, San Jose, CA 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.

PATENT REEL: 039111 FRAME: 0701 Assignment

Attorney Docket No.: 000119-009701US

Client Reference No.: 3491,1,US

Page 2

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

Dated: 7/7/2-816

Deepak Hegde

Dated: 67/07/2016

Shailender Sharma

Dated: 07/07/2016

Rakesh Varimalla

Dated: 07/34/2/2016

Vedam Jude Progash

Dated: 7/7/2016

Shubharanjan Dasgupta

PATENT REEL: 039111 FRAME: 0702

RECORDED: 07/08/2016