PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4001055

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANIL VISHNOI	07/27/2016
BALAJI VARADARAJU	08/08/2016
VASU SRINIVASAN	08/09/2016

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:	15233182

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ATTORNEY DOCKET NUMBER:	000119-009801US	
NAME OF SUBMITTER:	ANDREW J. LEE	
SIGNATURE:	/Andrew J. Lee Reg. No. 60371/	
DATE SIGNED:	08/10/2016	

Total Attachments: 4

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Attorney Docket No.: -000119-009801US

Client Reference No.: 3470.1.US

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, **Anil Vishnoi, Balaji Varadaraju** and **Vasu Srinivasan**, 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: FLOW-BASED HOST DISCOVERY IN SDN

NETWORKS

Serial No.: 15/233,182

Filing Date: August 10, 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.

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

Dated: 67/27/2016

Anil Vishnoi

Dated: Balaji Varadaraju

Vasu Srinivasan

Assignment Attorney Docket No.: 000119-009801US

Client Reference No.: 3470.1.US

Client Reference No.: 3470.1.US
Page 2

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

Dated:

Dated

Vasu Srinivasan

Assignment

Attorney Docket No.: 000119-009801US

Assignment
Attorney Docket No.: 000119-009801US
Client Reference No.: 3470.1.US
Page 2
IN TESTIMONY WH

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

Dated:

Dated:

Balaji Varadaraju

Dated: O 9 - A U 4 - 2 0 1 6

Dated: O 9 - A U 4 - 2 0 1 6

Vasu Srinivasan

PATENT REEL: 039395 FRAME: 0110

RECORDED: 08/10/2016