

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Kashyap Tavarekere Ananthapadmanabha</td> <td>11/05/2012</td> </tr> <tr> <td>Vivek Agarwal</td> <td>11/05/2012</td> </tr> <tr> <td>Eswara S.P. Chinthalapati</td> <td>11/05/2012</td> </tr> </tbody> </table>		Name	Execution Date	Kashyap Tavarekere Ananthapadmanabha	11/05/2012	Vivek Agarwal	11/05/2012	Eswara S.P. Chinthalapati	11/05/2012		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>BROCADE COMMUNICATIONS SYSTEMS, INC.</td> </tr> <tr> <td>Street Address:</td> <td>130 Holger Way</td> </tr> <tr> <td>City:</td> <td>San Jose</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95134</td> </tr> </table>		Name:	BROCADE COMMUNICATIONS SYSTEMS, INC.	Street Address:	130 Holger Way	City:	San Jose	State/Country:	CALIFORNIA	Postal Code:	95134
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CORRESPONDENCE DATA											
Fax Number: 5307591665 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 530-759-1667 Email: syadmin@parklegal.com Correspondent Name: Shun Yao Address Line 1: Park, Vaughan, Fleming & Dowler LLP Address Line 2: 2820 Fifth Street Address Line 4: Davis, CALIFORNIA 95618											
ATTORNEY DOCKET NUMBER:	BRCD-3121.1.US.NP										
NAME OF SUBMITTER:	Shun Yao, Reg. No. 59242										
Total Attachments: 6 source=Signed_Assignment#page1.tif											

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to BROCADE COMMUNICATIONS SYSTEMS, INC., a Delaware corporation, having a place of business at 130 Holger Way, San Jose, California 95134 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the application for United States Letters Patent entitled: SYSTEM AND METHOD FOR FLOW MANAGEMENT IN SOFTWARE-DEFINED NETWORKS ("APPLICATION"), which was filed on 11/05/2012, now bearing U.S. Serial Number 13/669,313 and for which a Declaration was executed by INVENTOR on 11/05/2012; and the entire worldwide right, title, and interest in and to (a) the APPLICATION, including any right of priority; (b) any divisional, continuation, substitute, renewal, reissue, and other related applications thereto which have been or may be filed in the United States and in any other countries in the world; and (c) patents which may be granted on the applications set forth in (a) and (b) above.

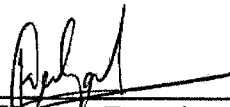
INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles, and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has made or will make hereafter no assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR hereby authorizes and requests Park, Vaughan, Fleming & Dowler LLP, 2820 Fifth Street, Davis, CA 95618, James E. Parsons, or Brandon Hsieh to insert herein above the application number and filing date and/or execution date of said application when known.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Executed this 5th day of November 2012 
Kashyap Tavarekere Ananthapadmanabha

SIGNATURE WITNESSED BY: _____ Dated: _____
Signature of Witness

Printed Name

Executed this _____ day of _____, _____
Vivek Agarwal

SIGNATURE WITNESSED BY: _____ Dated: _____
Signature of Witness

Printed Name

Executed this _____ day of _____, _____
Eswara S. P. Chinthalapati

SIGNATURE WITNESSED BY: _____ Dated: _____
Signature of Witness

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SIGNATURE WITNESSED BY: _____ Dated: _____
Signature of Witness

Printed Name

Executed this 5th day of November 2012, Vivek Agarwal
Vivek Agarwal

SIGNATURE WITNESSED BY: _____ Dated: _____
Signature of Witness

Printed Name

Executed this ____ day of _____, _____
Eswara S. P. Chinthalapati

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