

PATENT ASSIGNMENT

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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>Milind Kulkarni</td> <td>08/10/2012</td> </tr> <tr> <td>Xin Luo</td> <td>06/29/2012</td> </tr> <tr> <td>Mani Kancharla</td> <td>08/09/2012</td> </tr> </tbody> </table>		Name	Execution Date	Milind Kulkarni	08/10/2012	Xin Luo	06/29/2012	Mani Kancharla	08/09/2012		
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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											
<p>Fax Number: 4085165926 Phone: 408-244-6319 Email: docketing@fountainheadlaw.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Fountainhead Law Group PC, Chad R. Walsh Address Line 1: 900 Lafayette Street Suite 301 Address Line 4: Santa Clara, CALIFORNIA 95050</p>											
ATTORNEY DOCKET NUMBER:	000119-002301US										
NAME OF SUBMITTER:	Andrew J. Lee										
<p>Total Attachments: 3 source=119-2301_Assignment#page1.tif source=119-2301_Assignment#page2.tif source=119-2301_Assignment#page3.tif</p>											

OP \$40.00 13538747

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, **Milind Kulkarni**, a citizen of the United States, residing at 1118 Silver Canyon Drive, San Jose, California 95120, **Xin Luo**, a citizen of China, residing at 41909 Mission Creek Drive, Fremont, California 94539, and **Mani Kancherla**, a citizen of the United States, residing at 2162 Cuesta Drive, Milpitas, California 95035, hereinafter referred to as "Assignors," are the inventors of the invention(s) described and set forth in the below-identified application for United States Letters Patent:

Title of Invention(s): **PERFORMANCE ESTIMATOR FOR
NETWORK DEVICES**

Date(s) of execution of Declaration: 8/10/12 : 6/29/12 and
8/9/12

Application No.: 13/538,747

Filing Date: June 29, 2012

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(s) 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(s) 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(s) 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(s) 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 date of execution of declaration and filing date of said application when known.

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

Dated: 8/10/12



Milind Kulkarni

Dated: _____

Xin Luo

Dated: 8/9/12



Mani Kancharla

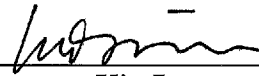
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Dated: _____

Milind Kulkarni

Dated: 6/29/2012


Xin Luo

Dated: _____

Mani Kancherla