

TRADEMARK ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
Brocade Communications Systems, Inc.		08/31/2010	CORPORATION: DELAWARE
RECEIVING PARTY DATA			
Name:	Bank of America, N.A., as Administrative Agent		
Street Address:	2001 Clayton Road		
City:	Concord		
State/Country:	CALIFORNIA		
Postal Code:	94520		
Entity Type:	National Association: DELAWARE		
PROPERTY NUMBERS Total: 2			
Property Type	Number	Word Mark	
Registration Number:	2467241	SERVERIRON	
Registration Number:	3489801	THE POWER OF PERFORMANCE	
CORRESPONDENCE DATA			
Fax Number:	(415)693-2222		
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>			
Phone:	4156932440		
Email:	crhem@cooley.com		
Correspondent Name:	Cooley LLP		
Address Line 1:	101 California Street, 5th Floor		
Address Line 4:	San Francisco, CALIFORNIA 94111		
ATTORNEY DOCKET NUMBER:	027910-100		
NAME OF SUBMITTER:	C. Rhem		
Signature:	/CR/		

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CH \$65.00 2467241

Date:

09/02/2010

Total Attachments: 4

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Supplemental Trademark Security Agreement

Supplemental Trademark Security Agreement, dated as of August 31, 2010 and effective as of December 18, 2008, by BROCADE COMMUNICATIONS SYSTEMS, INC. (the "Pledgor), in favor of BANK OF AMERICA, N.A., in its capacity as administrative agent pursuant to the Credit Agreement (in such capacity, the "Administrative Agent").

WITNESSETH:

WHEREAS, the Pledgor is party to a Security Agreement dated as of December 18, 2008 (as amended, amended and restated, supplemented or otherwise modified from time to time, the "Security Agreement") in favor of the Administrative Agent pursuant to which the Pledgor is required to execute and deliver this Supplemental Trademark Security Agreement;

WHEREAS, the "Serveriron" and "The Power of Performance" Trademarks set forth on Schedule I attached hereto contained incorrect information on the original schedule to the Security Agreement, and such information is corrected on attached Schedule I;

WHEREAS, the Trademarks set forth on Schedule I attached hereto are granted in conjunction with the original security interest granted to the Administrative Agent pursuant to the Security Agreement;

NOW, THEREFORE, in consideration of the premises and to induce the Administrative Agent, for the benefit of the Secured Parties, to enter into the Credit Agreement, the Pledgor hereby agrees with the Administrative Agent as follows:

SECTION 1. Defined Terms. Unless otherwise defined herein, terms defined in the Security Agreement and used herein have the meaning given to them in the Security Agreement.

SECTION 2. Grant of Security Interest in Trademark Collateral. The Pledgor hereby pledges and grants to the Administrative Agent for the benefit of the Secured Parties a lien on and security interest in and to all of its right, title and interest in, to and under all the following Pledged Collateral of the Pledgor:

- (a) Trademarks of the Pledgor listed on Schedule I attached hereto;
- (b) all Goodwill associated with such Trademarks; and
- (c) all Proceeds of any and all of the foregoing (other than Excluded Property).

SECTION 3. Security Agreement. The security interest granted pursuant to this Supplemental Trademark Security Agreement is granted in conjunction with the security interest granted to the Administrative Agent pursuant to the Security Agreement and the Pledgor hereby acknowledges and affirms that the rights and remedies of the Administrative Agent with respect to the security interest in the Trademarks made and granted hereby are more fully set forth in the

Security Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein. In the event that any provision of this Supplemental Trademark Security Agreement is deemed to conflict with the Security Agreement, the provisions of the Security Agreement shall control unless the Administrative Agent shall otherwise determine.

SECTION 4. Termination. Upon the payment in full of the Secured Obligations (other than contingent indemnification obligations not yet due and payable) and termination of the Security Agreement, the Administrative Agent shall execute, acknowledge, and deliver to the Pledgor an instrument in writing in recordable form releasing the collateral pledge, grant, assignment, lien and security interest in the Trademarks under this Supplemental Trademark Security Agreement.

SECTION 5. Counterparts. This Supplemental Trademark Security Agreement may be executed in any number of counterparts, all of which shall constitute one and the same instrument, and any party hereto may execute this Supplemental Trademark Security Agreement by signing and delivering one or more counterparts.

[signature page follows]

IN WITNESS WHEREOF, the Pledgor has caused this Supplemental Trademark Security Agreement to be executed and delivered by its duly authorized officer as of the date first set forth above.

Very truly yours,

BROCADE COMMUNICATIONS SYSTEMS,
INC.

By: 

Name: Jean Furter
Title: Treasurer

Accepted and Agreed:

BANK OF AMERICA, N.A.,
as Administrative Agent

By: 

Name: ROBERT RITTELMAYER
Title: VICE PRESIDENT

OK
BROCADE LEGAL

By: JEP
Date: 8/31/10

TRADEMARK

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SCHEDULE I
to
SUPPLEMENTAL TRADEMARK SECURITY AGREEMENT
TRADEMARK REGISTRATIONS AND TRADEMARK APPLICATIONS

Trademark Registrations:

Trademark Name	Reg. No.	Reg. Date
SERVERIRON	2,467,241	10-July-2001
THE POWER OF PERFORMANCE	3489801	19-August-2008