

# TRADEMARK ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	Supplemental Trademark Security Agreement		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
Brocade Communications Systems, Inc.		09/16/2011	CORPORATION: DELAWARE
RECEIVING PARTY DATA			
Name:	Bank of America, N.A., as Administrative Agent		
Street Address:	1455 Market Street, 5th Floor		
City:	San Francisco		
State/Country:	CALIFORNIA		
Postal Code:	94103		
Entity Type:	National Association: DELAWARE		
PROPERTY NUMBERS Total: 17			
Property Type	Number	Word Mark	
Registration Number:	3956452	MYBROCADE	
Registration Number:	3754349	WINGSPAN	
Registration Number:	3975571	MLX	
Registration Number:	3978876	BROCADE ASSURANCE	
Serial Number:	85213298	BROCADE	
Serial Number:	85213304	BROCADE	
Serial Number:	85213308	BROCADE	
Serial Number:	77920869	BROCADE ONE	
Serial Number:	77920870	BROCADE ONE	
Serial Number:	77920872	BROCADE ONE	
Serial Number:	77920873	BROCADE ONE	
Serial Number:	77920875	BROCADE ONE	
Serial Number:	77920877	BROCADE ONE	
Serial Number:	85160757	CLOUDPLEX	

TRADEMARK

900202596

REEL: 004626 FRAME: 0939

CH \$440.00 3956452

Serial Number:	85006751	VCS
Serial Number:	85141454	VDX
Serial Number:	85249789	WHEN THE MISSION IS CRITICAL, THE NETWORK IS BROCADE

#### CORRESPONDENCE DATA

Fax Number: (415)693-2222

Phone: 4156932440

Email: crhem@cooley.com

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.*

Correspondent Name: Cooley LLP

Address Line 1: 101 California Street, 5th Floor

Address Line 4: San Francisco, CALIFORNIA 94111

ATTORNEY DOCKET NUMBER:	027910-107 BROCADE
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NAME OF SUBMITTER:	C. Rhem
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Signature:	/CR/
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Date:	09/20/2011
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Total Attachments: 6

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## Supplemental Trademark Security Agreement

**Supplemental Trademark Security Agreement**, dated as of September 16, 2011, 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 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 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.

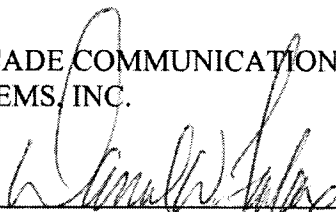
SECTION 5. Counterparts. This Supplemental Trademark Security Agreement may be executed in any number of counterparts, all of which shall constitute one and the same instrument, and any party hereto may execute this Supplemental Trademark Security Agreement by signing and delivering one or more counterparts.

[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.

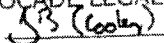
Very truly yours,

BROCADE COMMUNICATIONS  
SYSTEMS, INC.

By:   
Name: Daniel W. Fairfax  
Title: Chief Financial Officer

Accepted and Agreed:

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


BROCADE LEGAL  
By   
Date 9-16-11



By: \_\_\_\_\_  
Name:  
Title:

Accepted and Agreed:

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

By:   
Name: Robert Rittelmeyer  
Title: Vice President

[Supplemental Trademark Security Agreement]

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

**Trademark Registrations:**

<b>OWNER</b>	<b>REGISTRATION NUMBER</b>	<b>TRADEMARK</b>
Brocade Communication Systems, Inc.	3956452	MYBROCADE
Brocade Communication Systems, Inc.	3754349	WINGSPAN
Brocade Communication Systems, Inc.	3975571	MLX
Brocade Communication Systems, Inc.	3978876	BROCADE ASSURANCE

**Trademark Applications:**

<b>OWNER</b>	<b>APPLICATION NUMBER</b>	<b>TRADEMARK</b>
Brocade Communication Systems, Inc.	85213298	BROCADE
Brocade Communication Systems, Inc.	85213304	BROCADE
Brocade Communication Systems, Inc.	85213308	BROCADE
Brocade Communication Systems, Inc.	77920869	BROCADE ONE
Brocade Communication Systems, Inc.	77920870	BROCADE ONE
Brocade Communication Systems, Inc.	77920872	BROCADE ONE
Brocade Communication Systems, Inc.	77920873	BROCADE ONE
Brocade Communication Systems, Inc.	77920875	BROCADE ONE
Brocade Communication Systems, Inc.	77920877	BROCADE ONE
Brocade Communication Systems, Inc.	85160757	CLOUDPLEX

OWNER	APPLICATION NUMBER	TRADEMARK
Brocade Communication Systems, Inc.	85006751	VCS
Brocade Communication Systems, Inc.	85141454	VDX
Brocade Communication Systems, Inc.	85249789	WHEN THE MISSION IS CRITICAL, THE NETWORK IS BROCADE