

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
Foundry Networks, LLC		09/16/2011	LIMITED LIABILITY COMPANY: DELAWARE
McData Corporation		09/16/2011	CORPORATION: DELAWARE

RECEIVING PARTY DATA

Name:	Wells Fargo Bank, National Association, as Collateral Agent
Street Address:	707 Wilshire Blvd., 17th Floor
City:	Los Angeles
State/Country:	CALIFORNIA
Postal Code:	90017
Entity Type:	National Association: DELAWARE

PROPERTY NUMBERS Total: 14

Property Type	Number	Word Mark
Registration Number:	3975571	MLX
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

900203057

**TRADEMARK
 REEL: 004630 FRAME: 0792**

CH \$365.00 3975571

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:	09/26/2011
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Total Attachments: 6

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NOTWITHSTANDING ANYTHING HEREIN TO THE CONTRARY, THE LIENS, SECURITY INTERESTS AND RIGHTS GRANTED PURSUANT TO THIS AGREEMENT OR ANY OTHER COLLATERAL DOCUMENT SHALL BE AS SET FORTH IN, AND SUBJECT TO THE TERMS AND CONDITIONS OF (AND THE EXERCISE OF ANY RIGHT OR REMEDY BY THE COLLATERAL AGENT HEREUNDER OR THEREUNDER SHALL BE SUBJECT TO THE TERMS AND CONDITIONS OF), THE INTERCREDITOR AGREEMENT, DATED AS OF JANUARY 20, 2010 (AS AMENDED, AMENDED AND RESTATED, SUPPLEMENTED OR OTHERWISE MODIFIED FROM TIME TO TIME, THE "INTERCREDITOR AGREEMENT"), AMONG BANK OF AMERICA, N.A., AS ADMINISTRATIVE AGENT FOR THE CREDIT AGREEMENT SECURED PARTIES, WELLS FARGO BANK, NATIONAL ASSOCIATION, AS 2018 NOTES COLLATERAL AGENT, WELLS FARGO BANK, NATIONAL ASSOCIATION, AS 2020 NOTES COLLATERAL AGENT, WELLS FARGO BANK, NATIONAL ASSOCIATION, AS 2018 NOTES AUTHORIZED REPRESENTATIVE AND WELLS FARGO BANK, NATIONAL ASSOCIATION, AS 2020 NOTES AUTHORIZED REPRESENTATIVE (ALL AS DEFINED THEREIN), AND EACH ADDITIONAL AUTHORIZED REPRESENTATIVE FROM TIME TO TIME PARTY THERETO AND THE PLEDGORS HEREUNDER FROM TIME TO TIME. IN THE EVENT OF ANY CONFLICT BETWEEN THIS AGREEMENT OR ANY OTHER COLLATERAL DOCUMENT AND THE INTERCREDITOR AGREEMENT, THE INTERCREDITOR AGREEMENT SHALL CONTROL.

Supplemental Trademark Security Agreement

Supplemental Trademark Security Agreement, dated as of September 16, 2011, by BROCADE COMMUNICATION SYSTEMS, INC., a Delaware corporation, FOUNDRY NETWORKS, LLC, a Delaware limited liability company and MCDATA CORPORATION, a Delaware corporation (each of the foregoing, a "Pledgor"), in favor of WELLS FARGO BANK, NATIONAL ASSOCIATION, in its capacity as collateral agent pursuant to the Security Agreements (as defined below) (in such capacity, the "Collateral Agent").

WITNESSETH:

WHEREAS, each Pledgor is a party to a Security Agreement applicable to the 2018 Notes dated as of January 20, 2010 (as amended, amended and restated, supplemented or otherwise modified from time to time, the "2018 Security Agreements") in favor of the Collateral Agent under the 2018 Indenture pursuant to which each Pledgor is required to execute and deliver this Supplemental Trademark Security Agreement;

WHEREAS, each Pledgor is a party to a Security Agreement applicable to the 2020 Notes dated as of January 20, 2010 (as amended, amended and restated, supplemented or otherwise modified from time to time, the "2020 Security Agreement" and, together with the 2018 Security Agreement, the "Security Agreements") in favor of the collateral agent under the 2020 Indenture

pursuant to which each 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 Collateral Agent pursuant to the Security Agreements;

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

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

SECTION 2. Grant of Security Interest in Trademark Collateral. Each Pledgor hereby pledges and grants to the Collateral 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 such Pledgor:

- (a) Trademarks of such 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 Assets).

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 Collateral Agent pursuant to the Security Agreements and each Pledgor hereby acknowledges and affirms that the rights and remedies of the Collateral Agent with respect to the security interest in the Trademarks made and granted hereby are more fully set forth in the Security Agreements, 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 Agreements, the provisions of the Security Agreements shall control unless the Collateral Agent shall otherwise determine.

SECTION 4. Termination. Upon the payment in full of the Secured Obligations (as defined in each of the Security Agreements) (other than contingent indemnification obligations not yet due and payable) and termination of the Security Agreements, the Collateral Agent shall execute, acknowledge, and deliver to the Pledgors an instrument in writing in recordable form releasing the collateral pledge, grant, assignment, lien and security interest in the Trademarks and Proceeds under this Supplemental Trademark Security Agreement. In addition, the Liens on the Trademarks and Proceeds thereof will be automatically released, without the need for any action by the Collateral Agent or any other Secured Party, in accordance with the provisions of Section 11.4 of each of the Security Agreements.

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, each 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: [Signature]
Name: Daniel W. Fairfax
Title: Chief Financial Officer

FOUNDRY NETWORKS, LLC

By: [Signature]
Name: Daniel W. Fairfax
Title: Managing Director

MCDATA CORPORATION

By: [Signature]
Name: Daniel W. Fairfax
Title: Chief Financial Officer

BROCADE LEGAL
By J.P. Leahy
Date 9-16-11



Accepted and Agreed:

WELLS FARGO BANK, NATIONAL ASSOCIATION,
as ~~Administrative~~ Agent
Collateral

By: _____
Name:
Title:

IN WITNESS WHEREOF, each 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

FOUNDRY NETWORKS, LLC

By: _____
Name: Daniel W. Fairfax
Title: Managing Director

MCDATA CORPORATION

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

Accepted and Agreed:

WELLS FARGO BANK, NATIONAL ASSOCIATION,
as Collateral Agent

By: Maddy Hall
Name: **Maddy Hall**
Title: **Vice President**

SCHEDULE I
to
SUPPLEMENTAL TRADEMARK SECURITY AGREEMENT

Trademark Registrations:

OWNER	REGISTRATION NUMBER	TRADEMARK
Brocade Communication Systems, Inc.	3975571	MLX

Trademark Applications:

OWNER	APPLICATION NUMBER	TRADEMARK
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
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