

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
McDATA Corporation	10/25/2012

RECEIVING PARTY DATA

Name:	Brocade Communications Systems, Inc.
Street Address:	130 Holger Way
City:	San Jose
State/Country:	CALIFORNIA
Postal Code:	95134

PROPERTY NUMBERS Total: 16

Property Type	Number
Patent Number:	7308001
Patent Number:	7027450
Patent Number:	5519695
Patent Number:	5592472
Patent Number:	5528584
Patent Number:	5805924
Patent Number:	6014715
Patent Number:	5548590
Patent Number:	5610745
Patent Number:	5872822
Patent Number:	5835496
Patent Number:	6510161
Patent Number:	6148004
Patent Number:	6347334
Patent Number:	6115361

OP \$640.00 7308001

Application Number: 10546411

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:

ASSIGNMENT 1/3

NAME OF SUBMITTER:

Chi Choy

Total Attachments: 4

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ASSIGNMENT OF PATENTS

WHEREAS, McDATA Corporation, a Delaware corporation having an address at 130 Holger Way, San Jose, California 95134 ("Assignor"), is the owner of record of the patents and patent applications listed on the attached Exhibit A1 (the "McDATA Patents");

WHEREAS, Assignor is a wholly owned subsidiary of Brocade Communications Systems, Inc., a Delaware corporation having an address at 130 Holger Way, San Jose, California 95134 ("Assignee"); and

WHEREAS, Assignor and Assignee wish to confirm and record Assignor's transfer of ownership of the McDATA Patents to Assignee.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor does hereby confirm and sell, assign and transfer to Assignee, absolutely and forever, Assignor's entire right, title, and interest, whether statutory or at common law, in and to the McDATA Patents, together with all of their underlying applications and right of priority, and all causes of action for any and all previously occurring infringements of the patents and rights being assigned hereby, and the right to enforce and to receive and retain the proceeds relating to those previously occurring infringements and any future infringements thereof, including all past, present, and future damages and other remedies.

Assignor hereby authorizes and requests the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to record this assignment of the McDATA Patents to Assignee, with Assignee to have all right, title and interest in and thereto, as fully and entirely as the same would have been held by Assignor had this Assignment not been made.

IN WITNESS WHEREOF, this Assignment of Patents is dated and effective as of October 25, 2012.

McDATA Corporation, a Delaware corporation (Assignor)

Accepted and Agreed to by BROCADE COMMUNICATIONS SYSTEMS, INC. (Assignee)

By: [Signature]
Name: Jean Furter
Title: Treasurer

By: [Signature]
Name: Tyler Wall
Title: Vice President and Secretary

BROCADE LEGAL
By JEP
Date 7-28-12



Exhibit A1

United States

Title	File Date	Serial No.	Issue Date	Patent Number
BATCHING AND COMPRESSION FOR IP TRANSMISSION	06/14/2007	10/546,411		
FIBRE CHANNEL FRAME BATCHING FOR IP TRANSMISSION	11/15/2002	10/295,359	12/11/2007	7,308,001
FRAME BATCHING AND COMPRESSION FOR IP TRANSMISSION	02/19/2003	10/368,682	04/11/2006	7,027,450
SWITCH ELEMENT FOR FIBRE CHANNEL NETWORKS	10/27/1994	08/330,155	05/21/1996	5,519,695
HIGH PERFORMANCE PATH ALLOCATION SYSTEM AND METHOD FOR A FIBER OPTIC SWITCH FOR A FIBER OPTIC NETWORK	10/27/1994	08/330,169	01/07/1997	5,592,472
HIGH PERFORMANCE PATH ALLOCATION SYSTEM and METHOD WITH FAIRNESS INSURANCE MECHANISMS FOR A FIBER OPTIC SWITCH	10/27/1994	08/330,273	06/18/1996	5,528,584
METHOD AND APPARATUS FOR CONFIGURING FABRICS WITHIN A FIBRE CHANNEL SYSTEM	11/08/1994	08/336,396	09/08/1998	5,805,924
METHOD AND APPARATUS FOR ASSIGNING PORT ADDRESSES	02/20/1998	09/026,629	01/11/2000	6,014,715
HIGH PERFORMANCE FRAME TIME MONITORING SYSTEM AND METHOD FOR A FIBER OPTIC SWITCH FOR A FIBER OPTIC NETWORK	01/30/1995	08/380,766	08/20/1996	5,548,590
METHOD AND APPARATUS FOR TRACKING BUFFER AVAILABILITY	10/26/1995	08/548,505	03/11/1997	5,610,745
METHOD AND APPARATUS FOR MEMORY SENSUENCING	10/26/1995	08/548,506	02/16/1999	5,872,822
METHOD AND APPARATUS FOR DATA ALIGNMENT	04/30/1996	08/640,296	11/10/1998	5,835,496
A LOW LATENCY SHARED MEMORY SWITCH ARCHITECTURE	12/30/1999	09/475,016	01/21/2003	6,510,161
METHOD AND APPARATUS FOR ESTABLISHMENT OF DYNAMIC ESCON CONNECTION FROM FIBRE CHANNEL FRAMES	02/11/1998	09/021,365	11/14/2000	6,148,004
SELF-DESCRIPTION EXTENDED LINK SERVICE FOR NETWORKS	01/06/1999	09/225,949	02/12/2002	6,347,334
LINK INCIDENT REPORTING EXTENDED	01/06/1999	09/225,521	09/05/2000	6,115,361

Title	File Date	Serial No.	Issue Date	Patent Number
LINK SERVICE FOR NETWORKS				
HIGH PERFORMANCE CROSSBAR SWITCH	10/29/1998	09/183,396	10/24/2000	6,138,185
IN-BAND METHOD AND APPARATUS FOR REPORTING OPERATIONAL STATISTICS RELATIVE TO THE PORTS OF A FIBRE CHANNEL SWITCH	10/21/1999	09/422,574	04/30/2002	6,381,642
INTERCONNECTION ARCHITECTURE FOR MANAGING MULTIPLE LOW BANDWIDTH CONNECTIONS OVER A HIGH BANDWIDTH LINK	02/11/2000	09/502,947	04/27/2004	6,728,803
INTERCONNECTION ARCHITECTURE FOR MANAGING MULTIPLE LOW BANDWIDTH CONNECTIONS OVER A HIGH BANDWIDTH LINK	03/10/2004	10/798,818	12/13/2005	6,975,623
METHOD AND CIRCUIT FOR REPLICATING DATA IN A FIBRE CHANNEL NETWORK , OR THE LIKE	08/23/2001	09/938,313	04/13/2004	6,721,862
AUTOMATIC TESTING OF REDUNDANT SWITCHING ELEMENT AND AUTOMATIC SWITCHOVER	04/09/2001	09/829,448	04/29/2003	6,556,953
AUTOMATIC TESTING OF REDUNDANT SWITCHING ELEMENT AND AUTOMATIC SWITCHOVER	10/29/2002	10/284,120	11/04/2003	6,643,602
METHOD OF SCORING QUEUED FRAMES FOR SELECTIVE TRANSMISSION THROUGH A SWITCH	11/30/2000	09/728,452	08/19/2003	6,608,819
ROUTE LOOKUP CACHING FOR A FIBRE CHANNEL SWITCH	08/17/2001	09/932,534	08/12/2003	6,606,322
COMPACT SHARED ROUTE LOOKUP TABLE FOR A FIBRE CHANNEL SWITCH	08/17/2001	09/932,349	10/12/2004	6,804,245
TRUNKING INTER-SWITCH LINKS	09/25/2001	09/964,184	03/11/2003	6,532,212
TRUNKING INTER-SWITCH LINKS	03/06/2003	10/383,032	11/16/2004	6,819,654
STRIPING DATA FRAMES ACROSS PARALLEL FIBRE CHANNEL LINKS	03/14/2001	09/809,996	09/06/2005	6,941,252
METHOD FOR SCORING QUEUED FRAMES FOR SELECTIVE TRANSMISSION THROUGH A SWITCH	07/02/2003	10/613,627	06/03/2008	7,382,736
METHOD FOR SCORING QUEUED FRAMES FOR SELECTIVE TRANSMISSION THROUGH A SWITCH	03/19/2008	12/051,707	12/07/2010	7,848,253
METHOD FOR SCORING QUEUED FRAMES FOR SELECTIVE TRANSMISSION THROUGH A SWITCH	10/21/2009	12/603,414	09/06/2011	8,014,315

Title	File Date	Serial No.	Issue Date	Patent Number
MULTI RATE SHARED MEMORY ARCHITECTURE FOR FRAME STORAGE AND SWITCHING	08/17/2001	09/932,223	05/30/2006	7,054,312
METHOD OF EVALUATING NETWORK CONNECTIVITY BETWEEN NETWORK RESOURCES	06/29/2005	11/171,578	10/27/2009	7,609,654
NETWORK CONNECTIVITY	09/25/2009	12/567,612	05/08/2012	8,175,001
FINE GRANULARITY ACCESS CONTROL FOR STORAGE AREA NETWORK	04/13/2005	11/105,937		
FEDERATED MANAGEMENT OF INTELLIGENT SERVICE MODULES	09/29/2005	11/239,954		
PROTOCOLS FOR CONNECTING INTELLIGENT SERVICE MODULES IN A STORAGE AREA NETWORK	03/22/2006	11/386,379	05/31/2011	7,953,866
PROTOCOLS FOR CONNECTING INTELLIGENT SERVICE MODULES IN A STORAGE AREA NETWORK	04/29/2011	13/097,515		
CONGESTION MANAGEMENT GROUPS	05/18/2006	11/437,389	05/31/2011	7,952,997
MULTI-LEVEL CONTENT ADDRESSIBLE MEMORY	05/08/2006	11/430,389	10/20/2009	7,606,968
MULTI-LEVEL CONTENT ADDRESSIBLE MEMORY	09/25/2009	12/567,624		
METHOD AND APPARATUS FOR PROVIDING OPTIMIZED HIGH SPEED LINK UTILIZATION	11/13/2001	10/010,813	03/01/2005	6,862,293
CONFIGURATION MANAGEMENT FOR TRANSPARENT GATEWAYS IN HETEROGENEOUS STORAGE NETWORKS	10/31/2003	10/699,577		
ELECTRIC TERMINAL FOOTPRINTS FOR A PRINTED CIRCUIT BOARD	01/30/2007	11/669,070	03/15/2011	7,906,734
LIMITED KNOWLEDGE OF CONFIGURATION INFORMATION OF A FICON CONTROLLER	02/10/2003	10/361,387	05/22/2007	7,222,173