

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE BY SECURED PARTY
CONVEYING PARTY DATA	
Name	Execution Date
XYRATEX TECHNOLOGY LIMITED	11/16/2012
RECEIVING PARTY DATA	
Name:	DOT HILL SYSTEMS CORP., successor in interest to Chaparral Network Storage, Inc.
Street Address:	1351 S. Sunset Street
City:	Longmont
State/Country:	COLORADO
Postal Code:	80501
PROPERTY NUMBERS Total: 11	
Property Type	Number
Patent Number:	6990611
Patent Number:	6523087
Patent Number:	6766491
Patent Number:	6754750
Patent Number:	6925530
Patent Number:	6839788
Patent Number:	7062591
Patent Number:	7437493
Patent Number:	7107320
Patent Number:	6732243
Application Number:	10045590
CORRESPONDENCE DATA	
Fax Number:	8585506420
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CH \$440.00 6990611

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ATTORNEY DOCKET NUMBER:	017190-100 XYRATEX LIEN
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NAME OF SUBMITTER:	Erin O'Brien
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Total Attachments: 3
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RELEASE OF SECURITY INTEREST

This Release of Security Interest is made as of November 16, 2012, by XYRATEX TECHNOLOGY LIMITED, a company organized under the laws of England and Wales ("Lender") in favor of DOT HILL SYSTEMS CORP., a Delaware corporation, as successor in interest to Chaparral Network Storage, Inc. ("Company"), with its principal place of business located at 1351 S. Sunset Street, Longmont, CO 80501.

Recital

WHEREAS Company granted to Lender a security interest in certain collateral including, but not limited to, the patent items described on Exhibit A attached hereto (the "Intellectual Property") under a Security Agreement dated as of January 17, 2002 as amended from time to time, including by that certain First Amendment to Security Agreement dated as of April 15, 2002 (collectively, the "Security Agreement") and recorded with the US Patent and Trademark Office as set forth on Exhibit A.

WHEREAS Company has no outstanding obligations to Lender under the terms of the Security Agreement, Lender agrees to release its security interest in the Intellectual Property.

Agreement

Now therefore, Lender agrees that it terminates and releases its security interest in the Intellectual Property and reassigns to Company, without warranty or recourse, all interest of Lender in the Intellectual Property.

LENDER:

XYRATEX TECHNOLOGY LIMITED



Name: RICHARD PEARCE

Title: CEO

Langstone Road
Havant P09 1SA
United Kingdom

EXHIBIT A

Patents

- Patent #:** 6990611 **Issue Dt:** 01/24/2006 **Application #:** 09751090 **Filing Dt:** 12/29/2000
1 Publication #: US20020095616 **Pub Dt:** 07/18/2002
Title: RECOVERING DATA FROM ARRAYS OF STORAGE DEVICES AFTER CERTAIN FAILURES
- Patent #:** 6523087 **Issue Dt:** 02/18/2003 **Application #:** 09799480 **Filing Dt:** 03/06/2001
2 Publication #: US20020161970 **Pub Dt:** 10/31/2002
Title: UTILIZING PARITY CACHING AND PARITY LOGGING WHILE CLOSING THE RAID 5 WRITE HOLE
- Patent #:** 6766491 **Issue Dt:** 07/20/2004 **Application #:** 09852858 **Filing Dt:** 05/09/2001
3 Publication #: US20020170017 **Pub Dt:** 11/14/2002
Title: PARITY MIRRORING BETWEEN CONTROLLERS IN AN ACTIVE-ACTIVE CONTROLLER PAIR
- Patent #:** 6754750 **Issue Dt:** 06/22/2004 **Application #:** 09861308 **Filing Dt:** 05/17/2001
4 Publication #: US20020174377 **Pub Dt:** 11/21/2002
Title: METHOD FOR AUTOMATICALLY DETECTING AND CORRECTING DUPLICATE CONTROLLER SCSI IDS
- Patent #:** 6925530 **Issue Dt:** 08/02/2005 **Application #:** 09942391 **Filing Dt:** 08/29/2001
5 Publication #: US20030046490 **Pub Dt:** 03/06/2003
Title: INITIALIZATION OF A STORAGE SYSTEM
- Patent #:** 6839788 **Issue Dt:** 01/04/2005 **Application #:** 09967027 **Filing Dt:** 09/28/2001
6 Publication #: US20030065841 **Pub Dt:** 04/03/2003
Title: BUS ZONING IN A CHANNEL INDEPENDENT STORAGE CONTROLLER ARCHITECTURE
- Patent #:** 7062591 **Issue Dt:** 06/13/2006 **Application #:** 09967126 **Filing Dt:** 09/28/2001
7 Publication #: US20030065836 **Pub Dt:** 04/03/2003
Title: CONTROLLER DATA SHARING USING A MODULAR DMA ARCHITECTURE
- Patent #:** 7437493 **Issue Dt:** 10/14/2008 **Application #:** 09967194 **Filing Dt:** 09/28/2001
8 Publication #: US20030065733 **Pub Dt:** 04/03/2003
Title: MODULAR ARCHITECTURE FOR A NETWORK STORAGE CONTROLLER

Lender's security interest recorded on the items listed above at the US Patent and Trademark Office on January 23, 2002 at Reel/Frame 012708/0077.

- Patent #:** 6990611 **Issue Dt:** 01/24/2006 **Application #:** 09751090 **Filing Dt:** 12/29/2000
1 Publication #: US20020095616 **Pub Dt:** 07/18/2002
Title: RECOVERING DATA FROM ARRAYS OF STORAGE DEVICES AFTER CERTAIN FAILURES
- Patent #:** 6523087 **Issue Dt:** 02/18/2003 **Application #:** 09799480 **Filing Dt:** 03/06/2001
2 Publication #: US20020161970 **Pub Dt:** 10/31/2002
Title: UTILIZING PARITY CACHING AND PARITY LOGGING WHILE CLOSING THE RAID 5 WRITE HOLE
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3 Publication #: US20020170017 **Pub Dt:** 11/14/2002
Title: PARITY MIRRORING BETWEEN CONTROLLERS IN AN ACTIVE-ACTIVE CONTROLLER PAIR
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- Patent #:** 6925530 **Issue Dt:** 08/02/2005 **Application #:** 09942391 **Filing Dt:** 08/29/2001
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Title: INITIALIZATION OF A STORAGE SYSTEM
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6 Publication #: US20030065841 **Pub Dt:** 04/03/2003
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7 Publication #: US20030065836 Pub Dt: 04/03/2003
Title: CONTROLLER DATA SHARING USING A MODULAR DMA ARCHITECTURE

Patent #: 7437493 Issue Dt: 10/14/2008 Application #: 09967194 Filing Dt: 09/28/2001
8 Publication #: US20030065733 Pub Dt: 04/03/2003
Title: MODULAR ARCHITECTURE FOR A NETWORK STORAGE CONTROLLER

Patent #: 7107320 Issue Dt: 09/12/2006 Application #: 10008987 Filing Dt: 11/02/2001
9 Publication #: US20030101228 Pub Dt: 05/29/2003
Title: DATA MIRRORING BETWEEN CONTROLLERS IN AN ACTIVE-ACTIVE CONTROLLER PAIR

Patent #: 6732243 Issue Dt: 05/04/2004 Application #: 10036749 Filing Dt: 11/08/2001
10 Publication #: US20030086735 Pub Dt: 05/08/2003
Title: DATA MIRRORING USING SHARED BUSES

Patent #: NONE Issue Dt: Application #: 10045590 Filing Dt: 11/08/2001
11 Publication #: US20030086658 Pub Dt: 05/08/2003
Title: Obtaining information to facilitate system usage

Lender's security interest recorded on the items listed above at the US Patent and Trademark Office on May 17, 2002 at Reel/Frame 012954/0831.