

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4737343

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST	
CONVEYING PARTY DATA		
Name		Execution Date
HORIZON TECHNOLOGY FUNDING COMPANY V LLC		12/14/2017
RECEIVING PARTY DATA		
Name:	XIOTECH CORPORATION	
Street Address:	2375 TELSTAR DRIVE	
Internal Address:	SUITE 150	
City:	COLORADO SPRINGS	
State/Country:	COLORADO	
Postal Code:	80920	
PROPERTY NUMBERS Total: 32		
Property Type	Number	
Patent Number:	7251713	
Patent Number:	7216258	
Patent Number:	7197614	
Patent Number:	7181581	
Patent Number:	7162587	
Patent Number:	7162230	
Patent Number:	7127633	
Patent Number:	7100080	
Patent Number:	7069468	
Patent Number:	7043663	
Patent Number:	7003688	
Patent Number:	6996741	
Patent Number:	6883065	
Application Number:	11241176	
Application Number:	11229964	
Application Number:	11124668	
Application Number:	11108230	
Application Number:	11086079	
Application Number:	11086077	

PATENT

Property Type	Number
Application Number:	11055756
Application Number:	11037404
Application Number:	11037317
Application Number:	10865191
Application Number:	10865339
Application Number:	10819695
Application Number:	10781074
Application Number:	10781594
Application Number:	10683541
Application Number:	10658679
Application Number:	10629415
Application Number:	10430607
Application Number:	10434489

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SIGNATURE:	/Cynthia Hefferan/
DATE SIGNED:	12/15/2017

Total Attachments: 6

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RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY

Debtor: XIOTECH Corporation

Secured Party: Horizon Technology Funding Company V LLC

The above named Secured Party hereby releases the patents and applications listed in the attached Exhibit A from any and all security interests held by Secured Party and releases any and all other rights and interests Secured Party may have in such patents and applications.

Date: December 14, 2017

Horizon Technology Funding Company V LLC
By: Horizon Technology Finance Management LLC,
its agent

By: 

Name: Robert D. Pomeroy, Jr.

Title: Chief Executive Officer

Date: December 14, 2017

EXHIBIT A

Patents:

Patent No.	Filing Date	Title	Owner
7,251,713	07/31/2007	System and method to transport data snapshots	Xiotech Corporation
7,216,258	05/08/2007	Method and apparatus for recovering from a non-fatal fault during background operations	Xiotech Corporation
7,197,614	03/27/2007	Method and apparatus for mirroring data stored in a mass storage system	Xiotech Corporation
7,181,581	02/20/2007	Method and apparatus for mirroring data stored in a mass storage system	Xiotech Corporation
7,162,587	01/09/2007	Method and apparatus for recovering redundant cache data of a failed controller and reestablishing redundancy	Xiotech Corporation
7,162,230	01/09/2007	Radio-controlled device	Xiotech Corporation
7,127,633	10/24/2006	System and method to failover storage area network targets from one interface to another	Xiotech Corporation
7,100,080	08/29/2006	Write cache recovery after loss of power	Xiotech Corporation
7,069,468	06/27/2006	System and method for re-allocating storage area	Xiotech Corporation

		network resources	
7,043,663	05/09/2006	System and method to monitor and isolate faults in a storage area network	Xiotech Corporation
7,003,688	02/21/2006	System and method for a reserved memory area shared by all redundant storage controllers	Xiotech Corporation
6,996,741	02/07/2006	System and method for redundant communication between redundant controllers	Xiotech Corporation
6,883,065	04/19/2005	System and method for a redundant communication channel via storage area network backend	Xiotech Corporation

Applications:

Application No.	Filing Date	Title	Owner
11/241176	09/30/2005	Method, apparatus and program storage device for providing virtual disk service (VDS) hints based storage	Xiotech Corporation
11/229964	09/19/2005	Method, apparatus and program storage device for providing drive load balancing and resynchronization of a mirrored storage system	Xiotech Corporation
11/124668	05/09/2005	Method and apparatus for providing a transportable storage area network	Xiotech Corporation
11/108230	04/18/2005	Method and	Xiotech Corporation

		apparatus for providing connector keying and identification for unidirectional fiber cables	
11/086079	03/22/2005	Method, apparatus and program storage device for providing an optimized read methodology for synchronously mirrored virtual disk pairs	Xiotech Corporation
11/086077	03/22/2005	Method, apparatus, and program storage device for providing intelligent rebuild order selection	Xiotech Corporation
11/055756	02/10/2005	Method, apparatus and program storage device for providing geographically isolated failover using instant RAID swapping in mirrored virtual disks	Xiotech Corporation
11/037404	01/18/2005	Method, apparatus and program storage device for providing adaptive, attribute driven, closed-loop storage management configuration and control	Xiotech Corporation
11/037317	01/18/2005	Method, apparatus and program storage device for providing intelligent copying for faster virtual disk mirroring	Xiotech Corporation
10/865191	06/10/2004	Method, apparatus, and program storage device for detecting failures in data flow	Xiotech Corporation

		in high availability storage systems	
10/865339	06/10/2004	Method, apparatus and program storage device for keeping track of writes in progress on multiple controllers during resynchronization of RAID stripes on failover	Xiotech Corporation
10/819695	04/07/2004	Method, apparatus and program storage device for providing control to a networked storage architecture	Xiotech Corporation
10/781074	02/18/2004	Method, apparatus and program storage device for providing wireless storage	Xiotech Corporation
10/781594	02/18/2004	Method, apparatus and program storage device that provide virtual space to handle storage device failures in a storage system	Xiotech Corporation
10/683541	10/10/2003	Method, apparatus and program storage device for optimizing storage device distribution within a RAID to provide a fault tolerance for the RAID	Xiotech Corporation
10/658679	09/09/2003	Method, apparatus and program storage device for verifying existence of a redundant fibre channel path	Xiotech Corporation
10/629415	07/29/2003	Method, apparatus and program storage device for	Xiotech Corporation

		dynamically resizing mirrored virtual disks in a RAID storage system	
10/430607	5/05/2003	Method for updating memory resident firmware as a background operation	Xiotech Corporation
10/434489	05/07/2003	Method, apparatus, and system for preserving cache data of redundant storage controllers	Xiotech Corporation

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