

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM498885

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
FBC Holdings S.A.R.L.		11/13/2018	Private Limited Liability Company: LUXEMBOURG
RECEIVING PARTY DATA			
Name:	Overland Storage, Inc.		
Street Address:	9112 Spectrum Center Blvd.		
City:	San Diego		
State/Country:	CALIFORNIA		
Postal Code:	92123		
Entity Type:	Corporation: CALIFORNIA		
PROPERTY NUMBERS Total: 29			
Property Type	Number	Word Mark	
Registration Number:	2421713	SNAP SERVER	
Registration Number:	3495945	SNAP SERVER	
Registration Number:	3654761	SNAP APPLIANCE	
Registration Number:	4147998	DYNAMICRAID	
Registration Number:	4191213	SNAP SAN	
Registration Number:	4448135	RAINCLOUD	
Registration Number:	4498775	SNAPSCALE	
Registration Number:	4498945	SNAPSCALE X2	
Registration Number:	4531191	GUARDIANOS	
Registration Number:	5045816	RAPIDREBUILD	
Serial Number:	86158603	SNAPSCALE X4	
Serial Number:	86307215	SNAPSERVER XSR 40	
Serial Number:	86307217	SNAPSERVER XSR 120	
Serial Number:	86307220	SNAPSERVER XSD SERIES	
Serial Number:	86307224	SNAPSERVER XSR SERIES	
Serial Number:	86307226	SNAPEXPANSION XSR	
Serial Number:	86307243	SNAPSERVER XSD 40	
Serial Number:	86432459	SPHERE TECHNOLOGIES	
Serial Number:	86439018	SPHERE TECHNOLOGY	
TRADEMARK			

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Property Type	Number	Word Mark
Serial Number:	86439022	SPHERE SYSTEMS
Serial Number:	86450253	ANY APP, ANY DEVICE, ANYTIME
Serial Number:	86601859	SNAPCLOUD
Serial Number:	86625619	VSNAPCLOUD
Serial Number:	86775492	CAMPUS CLUSTER
Serial Number:	86806391	SNAPSTORAGE MANAGER
Serial Number:	86849749	SNAPSYNC
Serial Number:	86928263	SNAP ECR
Serial Number:	86928268	SNAP ENCRYPTED CONTINUOUS REPLICATION
Serial Number:	87123497	DISTRIBUTED DESKTOP HYPERCONVERGENCE

CORRESPONDENCE DATA

Fax Number: 4159848701

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 4159848700

Email: lagueda@omm.com

Correspondent Name: Jennifer Taylor

Address Line 1: 2 Embarcadero Center FI 28

Address Line 4: San Francisco, CALIFORNIA 94111

NAME OF SUBMITTER:	Lisa Agueda, Attorney
SIGNATURE:	/Lisa Agueda/
DATE SIGNED:	11/19/2018

Total Attachments: 31

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RELEASE OF INTELLECTUAL PROPERTY SECURITY INTEREST

This Release of Intellectual Property Collateral Agreement (this "Release") is dated as of November 13, 2018, with reference to that certain Intellectual Property Security Agreement, dated as of April 6, 2016, made by Overland Storage, Inc., Sphere 3D Corp., Sphere 3D Inc., and V3 Systems Holdings, Inc. (collectively, "Grantors" and, each, a "Grantor"), in favor of FBC Holdings S.à r.l., as successor by assignment to CB CA SPV, LLC, as successor by assignment to Opus Bank ("Lender"), as supplemented by that certain IP Security Agreement Supplement Number One to Intellectual Property Security Agreement, dated as of June 20, 2017, made by the Grantors in favor of Lender, and that certain IP Security Agreement Supplement Number Two to Intellectual Property Security Agreement, dated as of August 2, 2017, made by the Grantors in favor of Lender (such Intellectual Property Security Agreement as so supplemented by the IP Security Agreement Supplements, the "Intellectual Property Security Agreement"). Capitalized terms used but not otherwise defined in this Release have the meanings set forth for such terms in the Intellectual Property Security Agreement (as defined below).

WHEREAS, the Grantors and Lender are parties to the General Security Agreement, dated as of April 6, 2016 (as amended or otherwise modified prior to the date hereof, (the "Security Agreement"), pursuant to which, the Intellectual Property Security Agreement was entered into thereby granting, pursuant to the Security Agreement and the Intellectual Property Security Collateral Agreement, a security interest in, all right, title and interest of each Grantor in or to any and all of the following assets and properties now owned or at any time thereafter acquired by such Grantor or in which such Grantor now has or at any time in the future may acquire any right, title or interest in, to or under the following (collectively, the "Intellectual Property Collateral"):

- (i) the United States, international and foreign patents, patent applications and patent licenses set forth in **Schedule A** hereto, together with all reissues, divisions, continuations, continuations-in-part, extensions and reexaminations thereof, and all rights therein provided by international treaties or conventions (the "Patents");
- (ii) the United States and foreign trademark and service mark registrations, applications, and licenses set forth in **Schedule B** hereto (the "Trademarks");
- (iii) the copyrights, United States and foreign copyright registrations and applications and copyright licenses set forth in **Schedule C** hereto (as such Schedule C may be supplemented from time to time by IP Security Agreement Supplements executed and delivered by any Grantor to the Lender from time to time) (the "Copyrights");
- (iv) any and all claims for damages for past, present and future infringement, misappropriation or breach with respect to the Patents, Trademarks and Copyrights, with the right, but not the obligation, to sue for and collect, or otherwise recover, such damages; and
- (v) any and all proceeds of the foregoing.

WHEREAS, the Intellectual Property Security Agreement was recorded with the United States Patent and Trademark Office and United States Copyright Office as more particularly listed on the Schedules hereto;

WHEREAS, Lender desires to release and terminate Lender's security interest in the Intellectual Property Collateral;

WHEREAS, the Grantors desire to record this instrument to evidence termination of the security interest in the Intellectual Property Collateral.

NOW, THEREFORE, Lender hereby terminates, releases, and discharges fully, the security interest in and lien on the Intellectual Property Collateral as granted pursuant to the Security Agreement and the Intellectual Property Security Agreement, and any rights Lender may have in the Intellectual Property Collateral are hereby reconveyed, transferred, and assigned to the recorded owner, as applicable, without recourse, representation or warranty of any kind, and any right, title or interest of Lender in the Intellectual Property Collateral shall hereby cease and become void.

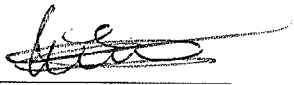
Lender hereby agrees to take, at the sole cost and expense of the Grantors, such further actions and to execute such further documents without any representation, warranty and/or recourse as the Grantors may reasonably request to effect and evidence this Release, including, without limitation, the execution of any filings, statements, amendments, recordations or other instruments required to release its interests in the applications or registrations of the Intellectual Property Collateral and record the chain of title accordingly with the United States Patent and Trademark Office and/or United States Copyright Office.

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IN WITNESS WHEREOF, Lender has caused this Release to be duly executed and delivered by its duly authorized officer as of the date first above written.

FBC HOLDINGS S.A R.L.,
as Lender

By: _____
Name: _____
Title: _____

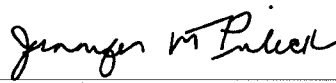

Trustmoore Luxembourg S.A.
Manager A

[SIGNATURE PAGE TO RELEASE OF INTELLECTUAL PROPERTY SECURITY INTEREST]

TRADEMARK
REEL: 006485 FRAME: 0819

IN WITNESS WHEREOF, Lender has caused this Release to be duly executed and delivered by its duly authorized officer as of the date first above written.

FBC HOLDINGS S.À R.L.,
as Lender

By: 
Name: *Jennifer M. Pulick*
Title: *Manager B*

[SIGNATURE PAGE TO RELEASE OF INTELLECTUAL PROPERTY SECURITY INTEREST]

TRADEMARK
REEL: 006485 FRAME: 0820

**Schedule B to Release of
IP Security Interest**

PATENTS:

Country	Title	Recorded Owner	App. No.	Filing Date	Patent No.	Issue Date	Status	Real/Frame of IP Security Agreement	Recordation Date of IP Security Agreement
U.S.	Systems and Methods For Providing An Emulator	Sphere 3D Inc.	14/229381	3/28/14			Pending	038306/0035	04/18/16
U.S.	Systems And Methods Of Managing Access To Remote Resources	Sphere 3D Inc.	13/742585	1/16/13			Pending	038306/0035	04/18/16
U.S.	Systems And Methods For Managing Emulation Sessions	Sphere 3D Inc.	13/742632	1/16/13	9191445	11/17/15	In Force	038306/0035	04/18/16
U.S.	Systems And Methods Of Optimizing Resources For Emulation	Sphere 3D Inc.	13/741884	1/15/13			Pending	038306/0035	04/18/16
U.S.	Systems And Methods For Managing Emulation Resources	Sphere 3D Inc.	14/229368	3/28/14			Pending	038306/0035	04/18/16

SCHEDULE A TO RELEASE OF INTELLECTUAL PROPERTY SECURITY INTEREST

Country	Title	Recorded Owner	App. No.	Filing Date	Patent No.	Issue Date	Status	Reel/Frame of IP Security Agreement	Recordation Date of IP Security Agreement
U.S.	Systems And Methods For Accessing Remote Resources For Emulation	Sphere 3D Inc.	14/229497	3/28/14			Pending	038306/0035	04/18/16
U.S.	Methods And Systems For Providing An Application	Sphere 3D Inc.	14/600246	1/20/15			Filed	038306/0035	04/18/16
U.S.	Migration Of Virtual Machine Pool	V3 Systems Holdings, Inc.	13/250836	9/30/11			Final Rejection Counted, Not Yet Mailed as of 3/30/16 Security Interest Recorded at 032161/0870	038306/0035	04/18/16
U.S.	Virtual Machine Allocation Internal And External To Physical Environment	V3 Systems Holdings, Inc.	13/175771	7/1/11	9223605	12/29/15	In Force Security Interest Recorded at 032161/0870	038306/0035	04/18/16

SCHEDULE A TO RELEASE OF INTELLECTUAL PROPERTY SECURITY INTEREST

Country	Title	Recorded Owner	App. No.	Filing Date	Patent No.	Issue Date	Status	Reel/Frame of IP Security Agreement	Recordation Date of IP Security Agreement
U.S.	Virtual Machine Migration Into The Cloud	V3 Systems Holdings, Inc.	13/563,603					042921/0674	6/20/17
U.S.	Systems And Methods For Managing Emulation Resources	Sphere 3D Inc.	14/229,368					042921/0674	6/20/17
U.S.	Systems And Methods For Selecting Between Emulated And Non-Emulated Resources For Providing An Emulation Session	Sphere 3D Inc.	15/065,251					042921/0674	6/20/17

SCHEDULE A TO RELEASE OF INTELLECTUAL PROPERTY SECURITY INTEREST

Country	Title	Recorded Owner	App. No.	Filing Date	Patent No.	Issue Date	Status	Reel/Frame of IP Security Agreement	Recordation Date of IP Security Agreement
U.S.	Systems and Methods for Providing an Emulation of a Computer Product	Sphere 3D Inc.	15/066,179					042921/0674	6/20/17
U.S.	Systems and Methods for Contextually Allocating Emulation Resources	Sphere 3D Inc.	15/066,478					042921/0674	6/20/17
U.S.	Virtual Machine State Tracking Using Object Based Storage	V3 Systems Holdings, Inc.	13/592,243					042921/0674	6/20/17
U.S.	System And Method Of Handling File Metadata	Overland Storage, Inc.	13/619,007					042921/0674	6/20/17

SCHEDULE A TO RELEASE OF INTELLECTUAL PROPERTY SECURITY INTEREST

Country	Title	Recorded Owner	App. No.	Filing Date	Patent No.	Issue Date	Status	Reel/Frame of IP Security Agreement	Recordation Date of IP Security Agreement
U.S.	Microvisor Run Time Environment Offload Processor	Sphere 3D Corporation	14/720,553					042921/0674	6/20/17
U.S.	Virtual Machine Migration	V3 Systems Holdings, Inc.	13/592,251					042921/0674	6/20/17
U.S.	Peer-To-Peer Redundant File Server System And Methods	Overland Storage, Inc.	13/619,689	9/14/12	9,740,707	8/22/2017	Issued	042921/0674	6/20/17
U.S.	Apparatus And Method For Performing Snapshots Of Block-Level Storage Devices	Overland Storage, Inc.	14/505,302	10/2/14			Published	042921/0674	6/20/17

SCHEDULE A TO RELEASE OF INTELLECTUAL PROPERTY SECURITY INTEREST

Country	Title	Recorded Owner	App. No.	Filing Date	Patent No.	Issue Date	Status	Reel/Frame of IP Security Agreement	Recordation Date of IP Security Agreement
U.S.	Self-Tuning Memory Management For Computer Systems	Overland Storage, Inc.	09/515,416		6442661			042921/0674	6/20/17
U.S.	Interface Architecture	Overland Storage, Inc.	10/060,903		6745286			042921/0674	6/20/17
U.S.	Block Level Data Snapshot System And Method	Overland Storage, Inc.	10/718,486		7225210			042921/0674	6/20/17
U.S.	System And Method Of Handling File Metadata	Overland Storage, Inc.	11/118,617		7454406			042921/0674	6/20/17

SCHEDULE A TO RELEASE OF INTELLECTUAL PROPERTY SECURITY INTEREST

Country	Title	Recorded Owner	App. No.	Filing Date	Patent No.	Issue Date	Status	Reel/Frame of IP Security Agreement	Recordation Date of IP Security Agreement
U.S.	Systems And Methods For Load Balancing Drives And Servers	Overland Storage, Inc.	11/238,405	9/29/05	8782661	7/15/2014	Issued	042921/0674	6/20/17
U.S.	System And Method Of Handling File Metadata	Overland Storage, Inc.	12/272,444		8589449			042921/0674	6/20/17
U.S.	Peer-To-Peer Redundant File Server System And Methods	Overland Storage, Inc.	12/431,345		8296398			042921/0674	6/20/17
U.S.	Systems And Methods For Load Balancing Drives And Servers By Pushing A Copy Of A Frequently	Overland Storage, Inc.	13/615,236	9/13/12	8943513	1/27/2015	Issued	042921/0674	6/20/17

SCHEDULE A TO RELEASE OF INTELLECTUAL PROPERTY SECURITY INTEREST

Country	Title	Recorded Owner	App. No.	Filing Date	Patent No.	Issue Date	Status	Reel/Frame of IP Security Agreement	Recordation Date of IP Security Agreement
	Accessed File To Another Disk Drive								
U.S.	Peer-To-Peer Redundant File Server System And Methods	Overland Storage, Inc.	13/619,368		9449019			042921/0674	6/20/17
U.S.	Peer-To-Peer Redundant File Server System And Methods	Overland Storage, Inc.	13/619,741		8856233			042921/0674	6/20/17
U.S.	Peer-To-Peer Redundant File Server System And Methods	Overland Storage, Inc.	13/619,885	9/14/12	9122698	9/1/2015	Issued	042921/0674	6/20/17

SCHEDULE A TO RELEASE OF INTELLECTUAL PROPERTY SECURITY INTEREST

Country	Title	Recorded Owner	App. No.	Filing Date	Patent No.	Issue Date	Status	Reel/Frame of IP Security Agreement	Recordation Date of IP Security Agreement
U.S.	Peer-To-Peer Redundant File Server System And Methods	Overland Storage, Inc.	13/619,889		9305015			042921/0674	6/20/17
U.S.	Peer-To-Peer Redundant File Server System And Methods	Overland Storage, Inc.	13/619,908		9396206			042921/0674	6/20/17
U.S.	Peer-To-Peer Redundant File Server System And Methods	Overland Storage, Inc.	13/620,001	9/12/12	9213719	12/15/15	Issued	042921/0674	6/20/17
U.S.	Peer-To-Peer Redundant File Server System And Methods	Overland Storage, Inc.	13/620,026	9/14/12	9213720	12/15/15	Issued	042921/0674	6/20/17

SCHEDULE A TO RELEASE OF INTELLECTUAL PROPERTY SECURITY INTEREST

Country	Title	Recorded Owner	App. No.	Filing Date	Patent No.	Issue Date	Status	Reel/Frame of IP Security Agreement	Recordation Date of IP Security Agreement
U.S.	Systems And Methods For Allocating Online Resources	Sphere 3D Inc.	15/052,339		9531639			042921/0674	6/20/17
U.S.	Methods And Systems For Providing Software Applications	Sphere 3D Inc.	15/437,971					042921/0674	6/20/17
U.S.	Systems And Methods For Emulating Resources Using Abstract Containerization With Abstract Categorization And Policy Setting	Sphere 3D Inc.	62/356,157					042921/0674	6/20/17

SCHEDULE A TO RELEASE OF INTELLECTUAL PROPERTY SECURITY INTEREST

Country	Title	Recorded Owner	App. No.	Filing Date	Patent No.	Issue Date	Status	Reel/Frame of IP Security Agreement	Recordation Date of IP Security Agreement
U.S.	Identifying A Resource Set Require For A Requested Application And Launching The Resource Set In A Container For Execution In A Host Operating System	Sphere 3D Inc.			9614931			043425/0318	8/28/17
U.S.	Methods And Systems For Providing Software Applications	Sphere 3D Inc.			2016210173			043425/0318	8/28/17
U.S.	Methods And Systems For Providing Software Applications	Sphere 3d Inc.			2017163553			043425/0318	8/28/17

SCHEDULE A TO RELEASE OF INTELLECTUAL PROPERTY SECURITY INTEREST

Country	Title	Recorded Owner	App. No.	Filing Date	Patent No.	Issue Date	Status	Reel/Frame of IP Security Agreement	Recordation Date of IP Security Agreement
U.S.	Migrating Virtual Machines From A Source Physical Support Environment To A Target Physical Support Environment Using Master Image And User Delta Collections	V3 Systems Holdings, Inc.			9542215			043425/0318	8/28/17
U.S.	Systems And Methods For Contextually Allocating Emulation Resources	Sphere 3d Inc.			20162669 16			043425/0318	8/28/17
U.S.	Systems And Methods For Managing Emulation Resources	Sphere 3d Inc.			20142972 49			043425/0318	8/28/17

SCHEDULE A TO RELEASE OF INTELLECTUAL PROPERTY SECURITY INTEREST

Country	Title	Recorded Owner	App. No.	Filing Date	Patent No.	Issue Date	Status	Reel/Frame of IP Security Agreement	Recordation Date of IP Security Agreement
U.S.	Systems And Methods For Providing An Emulation Of A Computer Product	Sphere 3d Inc.			20162669 15			043425/0318	8/28/17
U.S.	Systems And Methods For Selecting Between Emulated And Non-Emulated Resources For Providing An Emulation Session	Sphere 3d Inc.			20162669 14			043425/0318	8/28/17
U.S.	Systems And Methods Of Managing Access To Remote Resources	Sphere 3d Inc.			9665700			043425/0318	8/28/17

SCHEDULE A TO RELEASE OF INTELLECTUAL PROPERTY SECURITY INTEREST

Country	Title	Recorded Owner	App. No.	Filing Date	Patent No.	Issue Date	Status	Reel/Frame of IP Security Agreement	Recordation Date of IP Security Agreement
U.S.	Systems And Methods Of Optimizing Resources For Emulation	Sphere 3d Inc.			9483285			043425/0318	8/28/17
U.S.	Virtual Machine Migration Into The Cloud	V3 Systems Holdings Inc ; V3 Systems Inc			2014040888			043425/0318	8/28/17
U.S.	Virtual Machine State Tracking Using Object Based Storage	V3 Systems Holdings Inc; V3 Systems Inc			2014059538			043425/0318	8/28/17
U.S.	Microvisor Run Time Environment Offload Processor	Sphere 3d Corporation			20150339128			043425/0318	8/28/17

SCHEDULE A TO RELEASE OF INTELLECTUAL PROPERTY SECURITY INTEREST

Country	Title	Recorded Owner	App. No.	Filing Date	Patent No.	Issue Date	Status	Reel/Frame of IP Security Agreement	Recordation Date of IP Security Agreement
U.S.	Systems And Methods For Accessing Remote Resources For Emulation	Sphere 3d Inc.			20140297 251			043425/0318	8/28/17
U.S.	Systems And Methods For Providing An Emulator	SPHERE 3D INC.			20140297 250			043425/0318	8/28/17
U.S.	Systems And Methods Of Managing Access To Remote Resources	SPHERE 3D INC.			20130185 774			043425/0318	8/28/17
U.S.	Dynamic Redistribution of Parity Groups	Overland Storage, Inc.	10/060,874	1/29/02	6,862,692	3/1/2005	Issued	042921/0674	06/20/17

SCHEDULE A TO RELEASE OF INTELLECTUAL PROPERTY SECURITY INTEREST

Country	Title	Recorded Owner	App. No.	Filing Date	Patent No.	Issue Date	Status	Reel/Frame of IP Security Agreement	Recordation Date of IP Security Agreement
U.S.	Dynamic Data Recovery	Overland Storage, Inc.	10/060,686	1/29/02	6,871,295	3/22/2005	Issued	042921/0674	06/20/17
U.S.	Replacing File System Processors By Hot Swapping	Overland Storage, Inc.	10/060,908	1/29/02	6,990,547	1/24/2006	Issued	042921/0674	06/20/17
U.S.	Server-Independent Object Positioning for Loan Balancing Drives and Servers	Overland Storage, Inc.	10/060,918	1/29/02	6,990,667	1/24/2006	Issued	042921/0674	06/20/17
U.S.	Data Engine With Metadata Processor	Overland Storage, Inc.	10/060,878	1/29/02	6,754,773	6/22/2004	Issued	042921/0674	06/20/17

SCHEDULE A TO RELEASE OF INTELLECTUAL PROPERTY SECURITY INTEREST

Country	Title	Recorded Owner	App. No.	Filing Date	Patent No.	Issue Date	Status	Reel/Frame of IP Security Agreement	Recordation Date of IP Security Agreement
U.S.	Data Blocking Mapping	Overland Storage, Inc.	10/060,921	1/29/02	6,775,792	8/10/2004	Issued	042921/0674	06/20/17
U.S.	Systems and Methods for Storing Parity Groups	Overland Storage, Inc.	13/072,622	3/25/11	8,214,590	7/3/2012	Issued	042921/0674	06/20/17
U.S.	Dynamic Redistribution of Parity Groups	Overland Storage, Inc.	11/018,114	12/21/04	7,356,730	4/8/2008	Issued	042921/0674	06/20/17
U.S.	Systems and Methods for Storing Parity Groups	Overland Storage, Inc.	12/028,662	2/8/08	7,917,695	3/29/2011	Issued	042921/0674	06/20/17

SCHEDULE A TO RELEASE OF INTELLECTUAL PROPERTY SECURITY INTEREST

Country	Title	Recorded Owner	App. No.	Filing Date	Patent No.	Issue Date	Status	Reel/Frame of IP Security Agreement	Recordation Date of IP Security Agreement
U.S.	Systems and Methods for Load Balancing Drives and Servers By Pushing a Copy of a Frequently Accessed File to Another Disk Drive	Overland Storage, Inc.	14/605,839	1/26/15	10,079,878	9/18/2018	Issued	042921/0674	06/20/17
Canada	Systems And Methods For Providing An Emulator	Sphere 3D Inc.	2908087	3/28/14			Pending	038306/0035	04/18/16
European Patent Application	Systems And Methods For Providing An Emulator	Sphere 3D Inc.	14776474.0	3/28/14			Pending	038306/0035	04/18/16

SCHEDULE A TO RELEASE OF INTELLECTUAL PROPERTY SECURITY INTEREST

Country	Title	Recorded Owner	App. No.	Filing Date	Patent No.	Issue Date	Status	Reel/Frame of IP Security Agreement	Recordation Date of IP Security Agreement
Canada	Systems and Methods of Managing Access to Remote Resources	Sphere 3D Inc.	2802253	1/16/13			Pending	038306/0035	04/18/16
Canada	Systems and Methods for Managing Emulation Sessions	Sphere 3D Inc.	2802396	1/16/13			Pending	038306/0035	04/18/16
Canada	Systems And Methods Of Optimizing Resources For Emulation	Sphere 3D Inc.	2802177	1/15/13			Pending	038306/0035	04/18/16
Canada	Methods And Systems For Providing Software Applications	Sphere 3D Inc.	2878759	1/20/15	2878759	12/22/15	Issued	038306/0035	04/18/16

SCHEDULE A TO RELEASE OF INTELLECTUAL PROPERTY SECURITY INTEREST

Country	Title	Recorded Owner	App. No.	Filing Date	Patent No.	Issue Date	Status	Reel/Frame of IP Security Agreement	Recordation Date of IP Security Agreement
Taiwan	Peer-to-Peer Redundant File Server Systems and Methods	Overland Storage, Inc.	98113958	4/28/09	I476610	3/11/2015	Issued		

SCHEDULE A TO RELEASE OF INTELLECTUAL PROPERTY SECURITY INTEREST

**Schedule B to Release of
IP Security Interest**

TRADEMARKS

Recorded Owner	Trademark	Country	Application No.	Filing Date:	Reg. No.	Reg. Date	Status	Reel/Frame No. of IP Security Agreement	Recordation Date of IP Security Agreement
Overland Storage, Inc.	ANY APP, ANY DEVICE, ANYTIME	US	86/450253	11/10/2014			Allowed	005772/0973	04/18/16
Overland Storage, Inc.	DYNAMICRAID	US	85/107467	8/13/2010	4147998	5/22/2012	Registered	005772/0973	04/18/16
Overland Storage, Inc.	CAMPUS CLUSTER	US	86/775492	10/1/2015			Pending (intent-to-use)	005772/0973	04/18/16
Overland Storage, Inc.	GUARDIANOS	US	78/231018	3/27/2003	4531191	5/20/2014	Registered	005772/0973	04/18/16
Overland Storage, Inc.	RAINCLOUD	US	85/261476	3/8/2011	4448135	12/10/2013	Registered	005772/0973	04/18/16
Overland Storage, Inc.	RAPIDREBUILD	US	85/816149	1/4/2013	5045816	9/10/2016	Registered	005772/0973	04/18/16
Overland Storage, Inc.	SNAP SAN	US	85/107471	8/13/2010	4191213	8/14/2012	Registered	005772/0973	04/18/16
Overland Storage, Inc.	SNAP SERVER	US	75/387211	11/10/1997	2421713	1/16/2001	Renewed	005772/0973	04/18/16
Overland Storage, Inc.	SNAP SERVER	US	78/311858	10/9/2003	3495945	9/2/2008	Registered	005772/0973	04/18/16
Overland Storage, Inc.	SNAPCLOUD	US	86/601859	4/17/2015			Pending (intent-to-use)	005772/0973	04/18/16

SCHEDULE B TO RELEASE OF INTELLECTUAL PROPERTY SECURITY INTEREST

Recorded Owner	Trademark	Country	Application No.	Filing Date:	Reg. No.	Reg. Date	Status	Reel/Frame No. of IP Security Agreement	Recordation Date of IP Security Agreement
Overland Storage, Inc.	SNAPEXPANSION XSR	US	86/307226	6/11/2014			Allowed (intent-to-use)	005772/0973	04/18/16
Overland Storage, Inc.	SNAPSCALE	US	85/645272	6/6/2012	4498775	3/18/2014	Registered	005772/0973	04/18/16
Overland Storage, Inc.	SNAPSCALE X2	US	85/731082	9/17/2012	4498945	3/18/2014	Registered	005772/0973	04/18/16
Overland Storage, Inc.	SNAPSCALE X4	US	86/158603	1/6/2014			Allowed (intent-to-use)	005772/0973	04/18/16
Overland Storage, Inc.	SNAPSERVER XSD 40	US	86/307243	6/11/2014			Allowed (intent-to-use)	005772/0973	04/18/16
Overland Storage, Inc.	SNAPSERVER XSD SERIES	US	86/307220	6/11/2014			Allowed (intent-to-use)	005772/0973	04/18/16
Overland Storage, Inc.	SNAPSERVER XSR 40	US	86/307215	6/11/2014			Allowed (intent-to-use)	005772/0973	04/18/16
Overland Storage, Inc.	SNAPSERVER XSR 120	US	86/307217	6/11/2014			Allowed (intent-to-use)	005772/0973	04/18/16
Overland Storage, Inc.	SNAPSERVER XSR SERIES	US	86/307224	6/11/2014			Allowed (intent-to-use)	005772/0973	04/18/16

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Recorded Owner	Trademark	Country	Application No.	Filing Date:	Reg. No.	Reg. Date	Status	Reel/Frame No. of IP Security Agreement	Recordation Date of IP Security Agreement
Overland Storage, Inc.	SNAPSTORAGE MANAGER	US	86/806391	11/2/2015			Pending (intent-to-use)	005772/0973	04/18/16
Overland Storage, Inc.	SNAPSYNC	US	86/849749	12/15/2015			Pending (intent-to-use)	005772/0973	04/18/16
Overland Storage, Inc.	SPHERE SYSTEMS	US	86/439022	10/29/2014			Allowed (intent-to-use)	005772/0973	04/18/16
Overland Storage, Inc.	SPHERE TECHNOLOGIES	US	86/432459	10/23/2014			Allowed (intent-to-use)	005772/0973	04/18/16
Overland Storage, Inc.	SPHERE TECHNOLOGY	US	86/439018	10/29/2014			Allowed (intent-to-use)	005772/0973	04/18/16
Overland Storage, Inc.	VSNAPCLOUD	US	86/625619	5/11/2015			Published (intent-to-use)	005772/0973	04/18/16
Sphere 3D Inc.	GLASSWARE CONNECT	US	86/776848	10/2/2015			Pending (intent-to-use)	005772/0973	04/18/16
V3 Systems Holdings, Inc.	V3 DESKTOP CLOUD ORCHESTRATOR	US	85/628423	5/17/2012	4288340	2/12/2013	Registered Security Interest Recorded at	005772/0973	04/18/16

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Recorded Owner	Trademark	Country	Application No.	Filing Date:	Reg. No.	Reg. Date	Status	Reel/Frame No. of IP Security Agreement	Recordation Date of IP Security Agreement
V3 Systems Holdings, Inc.	V3 (stylized)	US	85/415840	9/6/2011	4135466	5/1/2012	Registered Security Interest Recorded at Reel/Frame: 5208/0848	005772/0973	04/18/16
V3 Systems Holdings, Inc.	V3	US	85/276731	3/25/2011	4086758	1/17/2012	Registered Security Interest Recorded at Reel/Frame: 5208/0848	005772/0973	04/18/16
Overland Storage, Inc.	Distributed Desktop Hyperconvergence	US	87/123497	08/01/2016			Pending	006088/0200	06/20/2017
Overland Storage, Inc	SNAP ECR	US	86/928263	03/03/2016			Allowed	006088/0200	06/20/2017
Overland Storage, Inc	SNAP ENCRYPTED CONTINUOUS REPLICATION	US	86/928268	03/03/2016			Published	006088/0200	06/20/2017
Overland Storage, Inc.	SNAP APPLIANCE	US	78/178397	10/25/02	3654761	7/14/2009	Cancelled		

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Recorded Owner	Trademark	Country	Application No.	Filing Date:	Reg. No.	Reg. Date	Status	Reel/Frame No. of IP Security Agreement	Recordation Date of IP Security Agreement
Overland Storage, Inc.	GUARDIANOS	EU	3151594	5/2/2003	7/1/2004	3151594	Renewed	005772/0973	04/18/16
Overland Storage, Inc.	SNAP APPLIANCE	EU	3144581	4/25/2003	2/2/2005	3144581	Renewed	005772/0973	04/18/16
Overland Storage, Inc.	SNAP CARE	EU	3151611	5/2/2003	8/12/2005	3151611	Renewed	005772/0973	04/18/16
Overland Storage, Inc.	SNAP SERVER	SG	823379	4/7/2004	6/13/2005	823379	Renewed	005772/0973	04/18/16
Overland Storage, Inc.	SNAP SERVER	CA	1213700	4/13/2004	10/14/2009	TMA750106	Renewed	005772/0973	04/18/16
Overland Storage, Inc.	SNAP SERVER	EU	3754471	4/8/2004	1/20/2009	3754471	Renewed	005772/0973	04/18/16
Overland Storage, Inc.	SNAP SERVER	MX	651344	4/12/2004	8/24/2004	849038	Renewed	005772/0973	04/18/16
Overland Storage, Inc.	SNAP SERVER	Int'l Reg	Z1230690	4/7/2004	4/7/2004	823379	Renewed	005772/0973	04/18/16
Overland Storage, Inc.	SNAPSCALE	AU	1218555	6/9/2014	6/9/2014	1218555	Registered	005772/0973	04/18/16
Overland Storage, Inc.	SNAPSCALE	EU	1218555	6/9/2014	6/9/2014	1218555	Registered	005772/0973	04/18/16
Overland Storage, Inc.	SNAPSCALE	JP	1218555	6/9/2014	6/9/2014	1218555	Registered	005772/0973	04/18/16
Overland Storage, Inc.	SNAPSCALE	KR	1218555	6/9/2014	6/9/2014	1218555	Registered	005772/0973	04/18/16
Overland Storage, Inc.	SNAPSCALE	MX	1218555	6/9/2014	6/9/2014	1218555	Registered	005772/0973	04/18/16
Overland Storage, Inc.	SNAPSCALE	SG	1218555	6/9/2014	6/9/2014	1218555	Registered	005772/0973	04/18/16
Overland Storage, Inc.	SNAPSCALE	CH	1218555	6/9/2014	6/9/2014	1218555	Registered	005772/0973	04/18/16

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Recorded Owner	Trademark	Country	Application No.	Filing Date:	Reg. No.	Reg. Date	Status	Reel/Frame No. of IP Security Agreement	Recordation Date of IP Security Agreement
Overland Storage, Inc.	SNAPSCALE	CA	1680652	6/10/2014			Transferred	005772/0973	04/18/16
Overland Storage, Inc.	SNAPSCALE	TW	103033103	6/11/2014	1/16/2015	1686893	Registered	005772/0973	04/18/16
Overland Storage, Inc.	SNAPSCALE	Int'l Reg	1218555	6/9/2014	6/9/2014	1218555	Registered	005772/0973	04/18/16
Sphere 3D Inc.	GLASSWARE CONNECT	CA	1748764	10/2/15			Pending	005772/0973	04/18/16
Sphere 3D Inc.	GLASSWARE 2.0	CA	1600132	10/29/12	TMA889161	10/31/2014	Registered	005772/0973	04/18/16
Sphere 3D Inc.	VDI LIVE	CA	1631636	6/18/13	TMA906762	6/18/2015	Registered	005772/0973	04/18/16
Sphere 3D Inc.	ANY APP, ANY DEVICE, ANYTIME	CA	1617275	3/7/13	TMA900732	4/10/15	Registered	005772/0973	04/18/16
Sphere 3D Inc.	SPHERE 3D	CA	1615670	2/26/13	TMA876494	4/25/14	Registered	005772/0973	04/18/16
Overland Storage, Inc.	SNAP ECR	EU	15800212	9/2/2016	15800212	01/30/2017	Registered		
Overland Storage, Inc.	SNAP SERVER	SW	823379	4/07/04	823379	04/07/2004	Registered		
Overland Storage, Inc.	SNAPSCALE	SW	1218555	6/9/14	1218555	06/09/2014	Registered		

SCHEDULE B TO RELEASE OF INTELLECTUAL PROPERTY SECURITY INTEREST

Schedule C to Release of
IP Security Interest

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Title	Type of Work	Copyright Claimant	Owner	Registration No.	Registration Date	Recorded IP Security Agreement Vol/Doc	Recordation Date of IP Security Agreement
GuardianOS version 4.0	Computer File	Adaptec, Inc.	Overland Storage, Inc.	TX0006310161	1/20/06	Vol. 9330 Doc. 597	4/21/16
GuardianOS: version 3.0	Computer File	Snap Appliance, Inc.	Overland Storage, Inc.	TX0005989115	6/29/04	Vol. 9330 Doc. 597	4/21/16
Snap Server Manager: 2.6	Computer File	Snap Appliance, Inc.	Overland Storage, Inc.	TX0005880696	2/2/04	Vol. 9330 Doc. 597	4/21/16
Snap OS: v3.4: Snap server: v3.4	Computer File	Adaptec, Inc.	Overland Storage, Inc.	TX0006209422	8/8/05	Vol. 9330 Doc. 597	4/21/16
Guardian OS v2.0	Computer File	Adaptec, Inc.	Overland Storage, Inc.	TX0006213826	8/8/05	Vol. 9330 Doc. 597	4/21/16

SCHEDULE C TO RELEASE OF INTELLECTUAL PROPERTY SECURITY INTEREST