

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM314950

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
TRIPLEPOINT CAPITAL LLC		05/07/2014	LIMITED LIABILITY COMPANY: DELAWARE

RECEIVING PARTY DATA

Name:	VIOLIN MEMORY, INC.
Street Address:	685 CLYDE AVE.
City:	MOUNTAIN VIEW
State/Country:	CALIFORNIA
Postal Code:	94043
Entity Type:	CORPORATION: DELAWARE

PROPERTY NUMBERS Total: 15

Property Type	Number	Word Mark
Serial Number:	85228844	VSHARE
Serial Number:	85242430	FLASH FORWARD
Serial Number:	85599745	INODE
Serial Number:	85748211	MEMCUBE
Serial Number:	85599743	ONEAPPLIANCE
Serial Number:	85192451	VCACHE
Registration Number:	3958851	TURBOVIEW
Registration Number:	3554756	VIOLIN
Registration Number:	3554757	VIOLIN
Registration Number:	3825490	VIOLIN MEMORY
Registration Number:	4276013	FLASHCUBE
Registration Number:	3926201	GRIDIRON
Registration Number:	3932934	SMARTSSD
Registration Number:	3436846	CACHEFX
Registration Number:	3366994	GEAR6

CORRESPONDENCE DATA

Fax Number: 7037707901

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.

TRADEMARK

Phone: 650.233.4500
Email: Judy.Keeley@pillsburylaw.com
Correspondent Name: DAVID A. JAKOPIN
Address Line 1: P.O. BOX 10500-IP GROUP
Address Line 2: PILLSBURY WINTHROP SHAW PITTMAN LLP
Address Line 4: MCLEAN, VIRGINIA 22102

ATTORNEY DOCKET NUMBER: 057623-0000007

NAME OF SUBMITTER: DAVID A. JAKOPIN

SIGNATURE: /David A. Jakopin/

DATE SIGNED: 08/22/2014

Total Attachments: 42

source=Violin Memory IP Release#page1.tif
source=Violin Memory IP Release#page2.tif
source=Violin Memory IP Release#page3.tif
source=Violin Memory IP Release#page4.tif
source=Violin Memory IP Release#page5.tif
source=Violin Memory IP Release#page6.tif
source=Violin Memory IP Release#page7.tif
source=Violin Memory IP Release#page8.tif
source=Violin Memory IP Release#page9.tif
source=Violin Memory IP Release#page10.tif
source=Violin Memory IP Release#page11.tif
source=Violin Memory IP Release#page12.tif
source=Violin Memory IP Release#page13.tif
source=Violin Memory IP Release#page14.tif
source=Violin Memory IP Release#page15.tif
source=Violin Memory IP Release#page16.tif
source=Violin Memory IP Release#page17.tif
source=Violin Memory IP Release#page18.tif
source=Violin Memory IP Release#page19.tif
source=Violin Memory IP Release#page20.tif
source=Violin Memory IP Release#page21.tif
source=Violin Memory IP Release#page22.tif
source=Violin Memory IP Release#page23.tif
source=Violin Memory IP Release#page24.tif
source=Violin Memory IP Release#page25.tif
source=Violin Memory IP Release#page26.tif
source=Violin Memory IP Release#page27.tif
source=Violin Memory IP Release#page28.tif
source=Violin Memory IP Release#page29.tif
source=Violin Memory IP Release#page30.tif
source=Violin Memory IP Release#page31.tif
source=Violin Memory IP Release#page32.tif
source=Violin Memory IP Release#page33.tif
source=Violin Memory IP Release#page34.tif
source=Violin Memory IP Release#page35.tif

source=Violin Memory IP Release#page36.tif
source=Violin Memory IP Release#page37.tif
source=Violin Memory IP Release#page38.tif
source=Violin Memory IP Release#page39.tif
source=Violin Memory IP Release#page40.tif
source=Violin Memory IP Release#page41.tif
source=Violin Memory IP Release#page42.tif

RELEASE OF SECURITY INTEREST

This Release of Security Interest is made as of May 7, 2014 by TriplePoint Capital LLC ("Lender") in favor of Violin Memory, Inc. a Delaware corporation ("Company").

RECITAL

WHEREAS Company granted to Lender a security interest in the copyrights, patents and trademarks described on Exhibit A and attached hereto, respectively, (collectively, the "Intellectual Property") to Lender under a Plain English Intellectual Property Security Agreement dated as of May 13, 2013 (the "Security Agreement"), and recorded with the US Library of Congress Copyright Office and the US Patent and Trademark Office as set forth on Exhibit A.

WHEREAS Company has not 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:

TRIPLEPOINT CAPITAL LLC

By: 

Name: Kevin W. Thorne

Title: SVP Compliance & Legal Administration

2755 Sand Hill Road, Suite 150
Menlo Park, CA 94025
T: (650) 233-2107

EXHIBIT A
(ATTACH IP SECURITY AGREEMENTS & FILINGS)



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAY 17, 2013

PTAS

TED SIEN
101 CALIFORNIA STREET, SUITE 3900
WINSTON & STRAWN LLP
SAN FRANCISCO, CA 94111

502349635

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 05/16/2013

REEL/FRAME: 030426/0821
NUMBER OF PAGES: 18

BRIEF: SECURITY AGREEMENT

DOCKET NUMBER: 250121 (VIOLIN MEMORY)

ASSIGNOR:

VIOLIN MEMORY, INC.

DOC DATE: 05/13/2013

ASSIGNEE:

TRIPLEPOINT CAPITAL LLC
2755 SAND HILL ROAD, SUITE 150
MENLO PARK, CALIFORNIA 94025

APPLICATION NUMBER: 10293791

FILING DATE: 11/12/2002

PATENT NUMBER: 7454749

ISSUE DATE: 11/18/2008

TITLE: SCALABLE PARALLEL PROCESSING ON SHARED MEMORY COMPUTERS

APPLICATION NUMBER: 10956377

FILING DATE: 09/30/2004

PATENT NUMBER: 7554464

ISSUE DATE: 06/30/2009

TITLE: METHOD AND SYSTEM FOR PROCESSING DATA HAVING A PATTERN OF REPEATING BITS

APPLICATION NUMBER: 11365474

FILING DATE: 02/28/2006

PATENT NUMBER:

ISSUE DATE:

TITLE: METHOD AND APPARATUS FOR PROVIDING HIGH-PERFORMANCE AND HIGHLY-SCALABLE STORAGE ACCELERATION

APPLICATION NUMBER: 11405083 FILING DATE: 04/17/2006
PATENT NUMBER: ISSUE DATE:
TITLE: INTERCONNECTION SYSTEM

APPLICATION NUMBER: 11845679 FILING DATE: 08/27/2007
PATENT NUMBER: 7565446 ISSUE DATE: 07/21/2009
TITLE: METHOD FOR EFFICIENT DELIVERY OF CLUSTERED DATA VIA ADAPTIVE TCP
CONNECTION MIGRATION

APPLICATION NUMBER: 11918757 FILING DATE: 01/21/2009
PATENT NUMBER: ISSUE DATE:
TITLE: INTERCONNECTION SYSTEM

APPLICATION NUMBER: 11966811 FILING DATE: 12/28/2007
PATENT NUMBER: 7877490 ISSUE DATE: 01/25/2011
TITLE: METHOD AND APPARATUS FOR EFFICIENT TCP CONNECTION HANDOFF

APPLICATION NUMBER: 11975269 FILING DATE: 10/17/2007
PATENT NUMBER: 8028186 ISSUE DATE: 09/27/2011
TITLE: SKEW MANAGEMENT IN AN INTERCONNECTION SYSTEM

APPLICATION NUMBER: 12062287 FILING DATE: 04/03/2008
PATENT NUMBER: ISSUE DATE:
TITLE: UNIVERSAL MEMORY SOCKET AND CARD AND SYSTEM FOR USING THE SAME

APPLICATION NUMBER: 12079364 FILING DATE: 03/26/2008
PATENT NUMBER: 8200887 ISSUE DATE: 06/12/2012
TITLE: MEMORY MANAGEMENT SYSTEM AND METHOD

APPLICATION NUMBER: 12199386 FILING DATE: 08/27/2008
PATENT NUMBER: ISSUE DATE:
TITLE: MEMORY POWER MANAGEMENT

APPLICATION NUMBER: 12245349 FILING DATE: 10/03/2008
PATENT NUMBER: 8112655 ISSUE DATE: 02/07/2012
TITLE: MESOSYNCHRONOUS DATA BUS APPARATUS AND METHOD OF DATA
TRANSMISSION

APPLICATION NUMBER: 12273410 FILING DATE: 11/18/2008
PATENT NUMBER: 8452929 ISSUE DATE: 05/28/2013
TITLE: METHOD AND SYSTEM FOR STORAGE OF DATA IN NON-VOLATILE MEDIA

APPLICATION NUMBER: 12485873 FILING DATE: 06/16/2009
PATENT NUMBER: 7907069 ISSUE DATE: 03/15/2011
TITLE: FAST COMPRESSION METHOD FOR SCIENTIFIC DATA

APPLICATION NUMBER: 12568612 FILING DATE: 09/28/2009
PATENT NUMBER: 8160070 ISSUE DATE: 04/17/2012
TITLE: FIBRE CHANNEL PROXY

APPLICATION NUMBER: 12605119 FILING DATE: 10/23/2009
PATENT NUMBER: 8214599 ISSUE DATE: 07/03/2012
TITLE: STORAGE DEVICE PREFETCH SYSTEM USING DIRECTED GRAPH CLUSTERS

APPLICATION NUMBER: 12605160 FILING DATE: 10/23/2009
PATENT NUMBER: 8214608 ISSUE DATE: 07/03/2012
TITLE: BEHAVIORAL MONITORING OF STORAGE ACCESS PATTERNS

APPLICATION NUMBER: 12616705 FILING DATE: 11/11/2009
 PATENT NUMBER: 8285961 ISSUE DATE: 10/09/2012
 TITLE: DYNAMIC PERFORMANCE VIRTUALIZATION FOR DISK ACCESS

APPLICATION NUMBER: 12619609 FILING DATE: 11/16/2009
 PATENT NUMBER: ISSUE DATE:
 TITLE: CLUSTER CONTROL PROTOCOL

APPLICATION NUMBER: 12650966 FILING DATE: 12/31/2009
 PATENT NUMBER: 8397016 ISSUE DATE: 03/12/2013
 TITLE: EFFICIENT USE OF HYBRID MEDIA IN CACHE ARCHITECTURES

APPLICATION NUMBER: 12684387 FILING DATE: 01/08/2010
 PATENT NUMBER: ISSUE DATE:
 TITLE: USING TEMPORAL ACCESS PATTERNS FOR DETERMINING PREFETCH
 SUITABILITY

APPLICATION NUMBER: 12759604 FILING DATE: 04/13/2010
 PATENT NUMBER: 8417871 ISSUE DATE: 04/09/2013
 TITLE: SYSTEM FOR INCREASING STORAGE MEDIA PERFORMANCE

APPLICATION NUMBER: 12759644 FILING DATE: 04/13/2010
 PATENT NUMBER: ISSUE DATE:
 TITLE: SYSTEM FOR INCREASING UTILIZATION OF STORAGE MEDIA

APPLICATION NUMBER: 12773681 FILING DATE: 05/04/2010
 PATENT NUMBER: ISSUE DATE:
 TITLE: TRANSACTIONAL CONSISTENCY SCHEME

APPLICATION NUMBER: 12790255 FILING DATE: 05/28/2010
 PATENT NUMBER: 8402198 ISSUE DATE: 03/19/2013
 TITLE: MAPPING ENGINE FOR A STORAGE DEVICE

APPLICATION NUMBER: 12794057 FILING DATE: 06/04/2010
 PATENT NUMBER: 8417895 ISSUE DATE: 04/09/2013
 TITLE: SYSTEM FOR MAINTAINING COHERENCY DURING OFFLINE CHANGES TO
 STORAGE MEDIA

APPLICATION NUMBER: 12796836 FILING DATE: 06/09/2010
 PATENT NUMBER: ISSUE DATE:
 TITLE: MEMORY SYSTEM HAVING PERSISTENT GARBAGE COLLECTION

APPLICATION NUMBER: 12814438 FILING DATE: 06/12/2010
 PATENT NUMBER: ISSUE DATE:
 TITLE: ARCHITECTURE FOR STORAGE PROXY WITH ADAPTABLE TIERING POLICY

APPLICATION NUMBER: 12832927 FILING DATE: 07/08/2010
 PATENT NUMBER: ISSUE DATE:
 TITLE: MULTIPLE DISK STORAGE MANAGEMENT SYSTEM

APPLICATION NUMBER: 12846568 FILING DATE: 07/29/2010
 PATENT NUMBER: ISSUE DATE:
 TITLE: REASSEMBLING ABSTRACTED MEMORY ACCESSES FOR PREFETCHING

APPLICATION NUMBER: 12849372 FILING DATE: 08/03/2010
 PATENT NUMBER: ISSUE DATE:
 TITLE: NO FILTER NO RUN FLUID FILTRATION SYSTEM

APPLICATION NUMBER: 12849652 FILING DATE: 08/03/2010
PATENT NUMBER: ISSUE DATE:
TITLE: IDENTIFYING INVALID CACHE DATA

APPLICATION NUMBER: 12855651 FILING DATE: 08/12/2010
PATENT NUMBER: 8442059 ISSUE DATE: 05/14/2013
TITLE: STORAGE PROXY WITH VIRTUAL PORTS CONFIGURATION

APPLICATION NUMBER: 12869604 FILING DATE: 08/26/2010
PATENT NUMBER: 8402246 ISSUE DATE: 03/19/2013
TITLE: ALIGNMENT ADJUSTMENT IN A TIERED STORAGE SYSTEM

APPLICATION NUMBER: 12889732 FILING DATE: 09/24/2010
PATENT NUMBER: 8443150 ISSUE DATE: 05/14/2013
TITLE: EFFICIENT RELOADING OF DATA INTO CACHE RESOURCE

APPLICATION NUMBER: 12901224 FILING DATE: 10/08/2010
PATENT NUMBER: ISSUE DATE:
TITLE: MEMORY SYSTEM WITH MULTIPLE STRIPING OF RAID GROUPS AND METHOD FOR PERFORMING THE SAME

APPLICATION NUMBER: 12946164 FILING DATE: 11/15/2010
PATENT NUMBER: 8090973 ISSUE DATE: 01/03/2012
TITLE: SKEW MANAGEMENT IN AN INTERCONNECTION SYSTEM

APPLICATION NUMBER: 12957967 FILING DATE: 12/01/2010
PATENT NUMBER: ISSUE DATE:
TITLE: RELIABLE AND FAST METHOD AND SYSTEM TO BROADCAST DATA

APPLICATION NUMBER: 12976735 FILING DATE: 12/22/2010
PATENT NUMBER: ISSUE DATE:
TITLE: CONFIGURABLE INTERCONNECTION SYSTEM

APPLICATION NUMBER: 13005463 FILING DATE: 01/12/2011
PATENT NUMBER: ISSUE DATE:
TITLE: LEAST PROFITABILITY USED CACHING SCHEME

APPLICATION NUMBER: 13019617 FILING DATE: 02/02/2011
PATENT NUMBER: ISSUE DATE:
TITLE: APPARATUS, METHOD AND SYSTEM FOR USING REAL-TIME PERFORMANCE FEEDBACK FOR MODELING AND IMPROVING ACCESS TO SOLID STATE MEDIA

APPLICATION NUMBER: 13039162 FILING DATE: 03/02/2011
PATENT NUMBER: ISSUE DATE:
TITLE: APPARATUS, METHOD AND SYSTEM FOR USING SHADOW DRIVES FOR ALTERNATIVE DRIVE COMMANDS

APPLICATION NUMBER: 13305373 FILING DATE: 11/28/2011
PATENT NUMBER: ISSUE DATE:
TITLE: SKEW MANAGEMENT IN AN INTERCONNECTION SYSTEM

APPLICATION NUMBER: 13442284 FILING DATE: 04/09/2012
PATENT NUMBER: ISSUE DATE:
TITLE: MEMORY MANAGEMENT SYSTEM AND METHOD

APPLICATION NUMBER: 13443324 FILING DATE: 04/10/2012
PATENT NUMBER: ISSUE DATE:
TITLE: INTERCONNECTION SYSTEM

APPLICATION NUMBER: 13538737 FILING DATE: 06/29/2012
PATENT NUMBER: ISSUE DATE:
TITLE: CIRCUIT CARD AND CAGE ARRANGEMENT WITH IMPROVED COOLING

APPLICATION NUMBER: 13546179 FILING DATE: 07/11/2012
PATENT NUMBER: ISSUE DATE:
TITLE: FLASH DISK ARRAY AND CONTROLLER

APPLICATION NUMBER: 13546346 FILING DATE: 07/11/2012
PATENT NUMBER: ISSUE DATE:
TITLE: RAIDED MEMORY SYSTEM

APPLICATION NUMBER: 13612007 FILING DATE: 09/12/2012
PATENT NUMBER: ISSUE DATE:
TITLE: HEAT DISSIPATION DEVICE

APPLICATION NUMBER: 13624282 FILING DATE: 09/21/2012
PATENT NUMBER: ISSUE DATE:
TITLE: SYSTEM AND METHOD FOR CORRECTING ERRORS IN DATA USING A COMPOUND
CODE

APPLICATION NUMBER: 13733807 FILING DATE: 01/03/2013
PATENT NUMBER: ISSUE DATE:
TITLE: STORAGE PROXY WITH VIRTUAL PORTS CONFIGURATION

APPLICATION NUMBER: 13764975 FILING DATE: 02/12/2013
PATENT NUMBER: ISSUE DATE:
TITLE: MAPPING ENGINE FOR A STORAGE DEVICE

APPLICATION NUMBER: 13766351 FILING DATE: 02/13/2013
PATENT NUMBER: ISSUE DATE:
TITLE: EFFICIENT USE OF HYBRID MEDIA IN CACHE ARCHITECTURES

APPLICATION NUMBER: 29431974 FILING DATE: 09/12/2012
PATENT NUMBER: ISSUE DATE:
TITLE: COVER FOR PRINTED CIRCUIT BOARD

APPLICATION NUMBER: 61614778 FILING DATE: 03/23/2012
PATENT NUMBER: ISSUE DATE:
TITLE: POWER MANAGEMENT IN A FLASH MODULE

APPLICATION NUMBER: 61618055 FILING DATE: 03/30/2012
PATENT NUMBER: ISSUE DATE:
TITLE: MEMORY MODULE VIRTUALIZATION

APPLICATION NUMBER: 61623301 FILING DATE: 04/12/2012
PATENT NUMBER: ISSUE DATE:
TITLE: MANAGING TRIM OPERATIONS IN A FLASH MEMORY SYSTEM

APPLICATION NUMBER: 61636086 FILING DATE: 04/20/2012
PATENT NUMBER: ISSUE DATE:
TITLE: LUN MANAGEMENT WITH DISTRIBUTED RAID CONTROLLERS

APPLICATION NUMBER: 61636088 FILING DATE: 04/20/2012
PATENT NUMBER: ISSUE DATE:
TITLE: SNAPSHOTS IN A FLASH MEMORY STORAGE SYSTEM

APPLICATION NUMBER: 61650604	FILING DATE: 05/23/2012
PATENT NUMBER:	ISSUE DATE:
TITLE: FLASH MEMORY CONTROLLER	
APPLICATION NUMBER: 61656575	FILING DATE: 06/07/2012
PATENT NUMBER:	ISSUE DATE:
TITLE: MEMORY SYSTEM MANAGEMENT	
APPLICATION NUMBER: 61657161	FILING DATE: 06/08/2012
PATENT NUMBER:	ISSUE DATE:
TITLE: OPTIMIZATION OF RAID GROUP STORAGE	
APPLICATION NUMBER: 61666526	FILING DATE: 06/29/2012
PATENT NUMBER:	ISSUE DATE:
TITLE: POWER SUPPLY AND CIRCUIT MODULE FOR DATA PROCESSING SYSTEMS	
APPLICATION NUMBER: 61667660	FILING DATE: 07/03/2012
PATENT NUMBER:	ISSUE DATE:
TITLE: SYNCHRONIZATION OF A DISPERSED RAID GROUP	
APPLICATION NUMBER: 61696383	FILING DATE: 09/04/2012
PATENT NUMBER:	ISSUE DATE:
TITLE: SYSTEM AND METHOD OF POWER CONTROL FOR A HIGH-AVAILABILITY SYSTEM	
APPLICATION NUMBER: 61701012	FILING DATE: 09/14/2012
PATENT NUMBER:	ISSUE DATE:
TITLE: COMPRESSED CYCLIC REDUNDANCY CODE	
APPLICATION NUMBER: 61704103	FILING DATE: 09/21/2012
PATENT NUMBER:	ISSUE DATE:
TITLE: WRITE CACHE SORTING	
APPLICATION NUMBER: 61704662	FILING DATE: 09/24/2012
PATENT NUMBER:	ISSUE DATE:
TITLE: VIRTUAL ADDRESSING	
APPLICATION NUMBER: 61705657	FILING DATE: 09/26/2012
PATENT NUMBER:	ISSUE DATE:
TITLE: HUMAN-BASED TELEROBOTIC AND TELEPRESENCE METHOD	
APPLICATION NUMBER: 61726764	FILING DATE: 11/15/2012
PATENT NUMBER:	ISSUE DATE:
TITLE: MEMORY ARRAY WITH ATOMIC TEST AND SET	
APPLICATION NUMBER: 61750133	FILING DATE: 01/08/2013
PATENT NUMBER:	ISSUE DATE:
TITLE: METHOD AND SYSTEM FOR DATA STORAGE	
APPLICATION NUMBER:	FILING DATE:
PATENT NUMBER:	ISSUE DATE:
PCT NUMBER: US2011062215	
TITLE:	
APPLICATION NUMBER:	FILING DATE:
PATENT NUMBER:	ISSUE DATE:
PCT NUMBER: US2012046448	
TITLE:	

APPLICATION NUMBER:
PATENT NUMBER:
PCT NUMBER: US2012046487
TITLE:

FILING DATE:
ISSUE DATE:

APPLICATION NUMBER:
PATENT NUMBER:
PCT NUMBER: US2012056534
TITLE:

FILING DATE:
ISSUE DATE:

APPLICATION NUMBER:
PATENT NUMBER:
PCT NUMBER: US2010060408
TITLE:

FILING DATE:
ISSUE DATE:

APPLICATION NUMBER:
PATENT NUMBER:
PCT NUMBER: US2010052074
TITLE:

FILING DATE:
ISSUE DATE:

APPLICATION NUMBER:
PATENT NUMBER:
PCT NUMBER: US2013025896
TITLE:

FILING DATE:
ISSUE DATE:

APPLICATION NUMBER:
PATENT NUMBER:
PCT NUMBER: US2010062061
TITLE:

FILING DATE:
ISSUE DATE:

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY AGREEMENT
CONVEYING PARTY DATA	
Name	Execution Date
VIOLIN MEMORY, INC.	05/13/2013
RECEIVING PARTY DATA	
Name:	TRIPLEPOINT CAPITAL LLC
Street Address:	2755 SAND HILL ROAD, SUITE 150
City:	MENLO PARK
State/Country:	CALIFORNIA
Postal Code:	94025
PROPERTY NUMBERS Total: 79	
Property Type	Number
Application Number:	61636088
Application Number:	61636086
Application Number:	61614778
Application Number:	61618055
Application Number:	61623301
Application Number:	61657161
Application Number:	61704662
Application Number:	61650604
Application Number:	61701012
Application Number:	61705657
Application Number:	61704103
Application Number:	61666526
Application Number:	61656575
Application Number:	61667660
Application Number:	61696383

CH \$3160.00 61636088



PLAIN ENGLISH INTELLECTUAL PROPERTY SECURITY AGREEMENT

This is a Plain English Intellectual Property Security Agreement dated as of May 13, 2013 by and between TRIPLEPOINT CAPITAL LLC, a Delaware limited liability company and VIOLIN MEMORY, INC., a Delaware corporation.

The words "We", "Us", or "Our", refer to the grantee, which is TriplePoint Capital LLC. The words "You" or "Your" refers to the grantor, which is VIOLIN MEMORY, INC., and not any individual. The words "the Parties" refers to both TRIPLEPOINT CAPITAL LLC and VIOLIN MEMORY, INC.

The Parties have entered into a Plain English Growth Capital Loan and Security Agreement dated as of May 13, 2013 (together with amendments, supplements, extensions and exhibits, collectively the "Loan Agreement"). Pursuant to the Loan Agreement, You have granted to Us a lien on and a security interest in all the present and future rights, title, and interest that You may now have or hereafter acquire in all Patents, Trademarks, Copyrights, and applications for Patents, Trademarks and Copyrights.

In consideration for the mutual covenants and agreements contained in the Loan Agreement and this Agreement, and for other good and valuable consideration, the receipt and sufficiency of which are acknowledged, the Parties agree as follows:

I. GRANT OF SECURITY INTEREST

You grant to Us a lien upon and continuing security interest in all of Your right, title, and interest in, to and under all of the following (all of the following items of property collectively will be referred to as the "Intellectual Property Collateral"), whether now existing or hereafter arising or acquired:

- ⇒ all Patents, Patent Licenses, and Patent applications, including specifically those issued Patents and Patent applications listed on the attached Schedule A, together with any reissues, divisions, continuations, renewals, extensions and continuations thereof;
- ⇒ all Trademarks, Trademark Licenses, and Trademark applications, including specifically those Trademark registrations and Trademark applications listed on the attached Schedule B together with any renewals thereof;
- ⇒ all Copyrights, Copyright Licenses, and applications for Copyrights, including specifically those registered Copyrights and applications for Copyright registration listed on the attached Schedule C;
- ⇒ the right to sue for past, present and future infringements of the foregoing and all rights corresponding thereto throughout the world and all re-issues, divisions continuations, renewals, extensions and continuations-in-part thereof; and
- ⇒ all Proceeds.

You represent and warrant to Us that Schedules A, B, and C attached hereto set forth any and all Patents, Trademarks and Copyrights in connection to which You have registered or filed an application for registration with either the United States Patent and Trademark Office or the United States Copyright Office, as applicable.

2. LOAN AGREEMENT

This security interest is granted to secure the Secured Obligations, under the Loan Agreement. All the capitalized terms used but not otherwise defined are used in this Agreement with the same meaning as defined in the Loan Agreement.

3. OUR RIGHT TO SUE

From and after an Event of Default, subject to the terms of the Loan Agreement, We shall have the right, but shall in no way be obligated, to bring suit in Our own name to enforce Your rights in the Intellectual Property Collateral. If We commence any such suit, You shall, at Our request, do all lawful acts and execute and deliver all proper documents or information that may be necessary or desirable to aid Us in such enforcement. You shall promptly, upon demand, reimburse and indemnify Us for all of Our costs and expenses, including reasonable attorney's fees, related to Our exercise of the above mentioned rights.

4. FURTHER ASSURANCES

You will from time to time execute, deliver and file, alone or with Us, any security agreements, or other documents to perfect and give priority to Our lien on the Intellectual Property Collateral. You will from time to time obtain any instruments or documents as We may request, and take all further action that may be reasonably necessary or desirable, or that We may reasonably request, to carry out more effectively the provisions and purposes of this Agreement or any other related agreements or to confirm, perfect, preserve and protect the liens granted to Us.

5. MODIFICATION

This Agreement can only be altered, amended or modified in a writing signed by the Parties. Notwithstanding the foregoing however, You hereby agree that We may modify this Agreement without first obtaining Your approval of or signature to such modification by amending Schedules A, B, and C to this Agreement, as appropriate, solely to the extent necessary to include an accurate and correct reference to any right, title or interest in any Intellectual Property Collateral acquired by You before or after the execution hereof or to delete any reference to any right, title or interest in any Intellectual Property Collateral in which You no longer have or claim to have any right, title or interest, which amendment shall become effective upon delivery to You of a written copy of such modified Schedule. We may exercise such right only until all of the Secured Obligations have been fully repaid and performed and Our obligation to provide credit extensions to You is terminated.

6. BINDING EFFECT; REMEDIES NOT EXCLUSIVE

This Agreement shall be binding upon You and Your respective successors and assigns, and shall inure to the benefit of Us, and Our nominees and assigns.

Our rights and remedies with respect to the security interest granted hereby are in addition to those set forth in the Loan Agreement and the other Loan Documents, and those which are now or hereafter available to Us as a matter of law or equity. Each of Our rights, powers and remedies provided for herein or in the Loan Agreement or any of the Loan Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein and the exercise by Us of any one or more of the rights, powers or remedies provided for in this Intellectual Property Security Agreement, the Loan Agreement or any of the other Loan Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Us, of any or all other rights, powers or remedies.

7. GOVERNING LAW; COUNTERPARTS

This Agreement shall be deemed made and accepted in and shall be governed by and construed in accordance with the laws of the State of California, and (where applicable) the laws of the United States of America.

This Agreement may be executed in two or more counterparts, each of which shall be deemed an original but all of which together shall constitute the same instrument.

(Signature Page to Follow)

IN WITNESS WHEREOF, You have duly executed this Agreement as of the date first set forth above.

You: VIOLEN MEMORY, INC.

Signature: _____

Print Name: Donald Basile

Title: President and CEO

[SIGNATURE PAGE TO PLAIN ENGLISH INTELLECTUAL PROPERTY SECURITY AGREEMENT]

SCHEDULE A

**To Plain English Intellectual Property Security Agreement
Between Violin Memory, Inc., as You (Grantor)
and TriplePoint Capital LLC, as Us (Grantee)**

PATENTS AND PATENT APPLICATIONS

PATENTS

Patent Name

Status and
Date Issued

Patent Number

PLEASE SEE ATTACHED
SCHEDULES.

PATENT APPLICATIONS

Name

Status & Date Filed

Application Number

PLEASE SEE ATTACHED
SCHEDULES.

ry of Patents and Applications
Violin Memory, Inc.

Matter Number	Type	Serial Number	Filing Date	Title	Status	Publication Number	Patent Number	Issue Date
US Applications-Provisional								
13016/125	Provisional	61/636,088	4/20/2012	Incremental Backups and Snapshots in a Storage System	Pending			
13016/126	Provisional	61/636,086	4/20/2012	LUN Management with Distributed RAID Controllers	Pending			
13016/138	Provisional	61/614,778	3/23/2012	Power Management in a Flash Module	Pending			
13016/139	Provisional	61/618,055	3/30/2012	Virtualization of a Flash Memory Module	Pending			
13016/136	Provisional	61/623,301	4/12/2012	Managing Trim Operations in a FLASH Memory System	Pending			
13016/178	Provisional	61/657,161	6/8/2012	Method and System for Optimizing a RAID Data Path	Pending			
13016/182	Provisional	61/704,662	9/24/2012	Method and System for Virtual Addressing	Pending			
13016/183	Provisional	61/650,604	5/23/2012	Method and System for Flash Memory Controller	Pending			
13016/184	Provisional	61/701,012	9/14/2012	Compressed Cyclic Redundancy Code	Pending			
13016/185	Provisional	61/705,657	9/24/2012	Method and System for Hardware Integrity Assurance	Pending			
13016/186	Provisional	61/704,103	9/21/2012	Scaling a Write Cache	Pending			
13016/189	Provisional	61/696,526	6/29/2012	Method of Access to Power Circuit	Pending			
13016/181	Provisional	61/656,575	6/7/2012	Memory System Management (RAIDed memory array)	Pending			
13016/182	Provisional	61/667,660	7/3/2012	Synchronization of Memory Arrays	Pending			
13016/188	Provisional	61/696,383	9/4/2012	Method and System of Power Control for a High Availability System filed	Pending			
13016/225	Provisional	61/726,764	11/15/2012	Memory Array With Atomic Test and Set	Pending			
13016/227	Provisional	61/750,133	1/9/2013	Method and System for Data Storage	Pending			

Matter Number	Type	Serial Number	Filing Date	Title	Status	Publication Number	Patent Number	Issue Date
US Applications - Utility and Design								
13016/29	Utility	11/916,757	4/17/2006	Interconnection System (PCT National Stage)	Pending	US-20090216924A1		
13016/3	Utility	11/465,083	4/17/2006	Interconnection System	Pending	US2007-0124532A1		
13016/31	Utility	11/975,269	10/12/2007	Skew Management in an Interconnection System	Issued	US2009-0043933A1	8,028,186	9/27/2011
13016/34	Utility	12/052,287	4/3/2008	Universal Memory Socket and Card and System for Using the Same	Pending	US2009-0020608A1		
13016/36	Utility	12/079,364	3/26/2008	Memory Management System and Method	Issued	US2008-0250270A1	8,200,867	6/12/2012
13016/41	Utility	12/199,386	8/27/2008	Memory Power Management	Pending	US2009-0070612A1		
13016/43	Utility	12/245,349	10/3/2008	Mesosynchronous Data Bus Apparatus and Method of Data Transmission	Issued	US2009-0150707A1	8,112,655	2/7/2012
13016/44	Utility	12/273,410	11/18/2008	Method and System for Storage of Data in Non-Volatile Media	Pending	US 2009-0150599		
13016/76	Utility	12/786,836		Memory System Having Persistent Garbage Collection	Pending	US 2010-0328351		
13016/81	Utility	10/956,377		Method and System for Processing Data Having a Pattern of Repeating Bits	Issued		7,654,464	6/30/2009

13016/82	Utility	12/485,873	3/15/2011	Fast Compression Method for Scientific Data	Issued		7,907,069	3/15/2011
13016/84	Utility	11/385,474	2/28/2008	Method and Apparatus for Providing High-Performance and Highly-Scalable Storage Acceleration	Pending	US 2007-0266106		
13016/86	Utility	11/845,679		Method for Efficient Delivery of Clustered Data via Adaptive TCP Connection Migration	Issued		7,565,448	7/21/2009
13016/87	Utility	11/866,811	1/25/2011	Method and Apparatus for Efficient TCP Connection Handoff	Issued		7,877,490	1/25/2011
13016/88	Utility	12/650,986	12/31/2008	Hybrid Media in Cache Architecture	Allowed-Issue fee paid	US 2011-0145479	8,397,016	3/12/2013
13016/89	Utility	10/283,791	11/12/2002	Scalable Parallel Processing on Shared Memory Computers	Issued		7,454,748	11/16/2008
13016/90	Utility	12/901,224	10/6/2010	Memory System with Multiple Striping	Pending	US 2011-0128045		
13016/98	Utility	12/987,987	12/1/2010	Reliable and Fast Method to Broadcast Data	Pending			
13016/97	Utility	12/846,164	11/15/2010	Skew Management in an Interconnection System	Issued	US 2011-0080857	8,090,973	1/3/2012
13016/96	Utility	12/976,735	12/22/2010	Configurable Interconnection System	Pending			
13016/127	Utility	13/395,373	11/28/2011	Skew Management in an Interconnection System	Pending	US 2012-0079-163		
13016/130	Utility	13/443,324	4/10/2012	Interconnection System	Pending			
13016/172	Utility	13/442,284	4/9/2012	Memory Management System and Method	Pending			
13016/176	Utility	13/546,179	7/11/2012	Flash Disk Array and Controller	Pending			
13016/187	Utility	13/612,007	8/12/2012	Heat Dissipation Device	Pending			
13016/190	Utility	13/638,737	8/29/2012	Method and System for Providing Cooling	Pending			
13016/196	Utility	13/546,346	7/11/2012	RAIDed Memory Array	Pending			
13016/201	Design	29/431,974	9/12/2012	Heat Sink Cover	Pending			
13016/222	Utility	13/624,282	9/21/2012	System and Method of Correcting Errors	Pending			
13016/232 - 4308-0021	Utility	12/605,119	7/3/2012	Storage Device Prefetch System Using Graph Clusters	Issued	US 2010-0115209	8,214,588	7/3/2012
13016/233 - 4308-0020	Utility	12/588,512	9/28/2009	Fibre Channel Proxy	Issued	US 2010-0080237	8,160,070	4/17/2012
13016/234 - 4308-0022	Utility	12/605,180	10/23/2009	Behavioral Monitoring of Storage Access Patterns	Issued	US 2010-0115211	8,214,808	7/3/2012
13016/235 - 4308-0023	Utility	12/619,609	11/18/2009	Cluster Control Protocol	Pending	US 2010-0128857		
13016/236 - 4308-0024	Utility	12/616,705	11/11/2009	Dynamic Performance Virtualization for Disk Access	Issued	US 2010-0122020	8,285,961	10/9/2012
13016/237 - 4308-0027	Utility	12/684,387	1/8/2010	Using Temporal Access Patterns for Determining Prefetch Suitability	Pending			
13016/238 - 4308-0028	Utility	12/759,604	4/13/2010	System for Increasing Storage Media Performance	Pending			
13016/239 - 4308-0029	Utility	12/759,844	4/13/2010	System for Increasing Utilization of Storage Media	Pending			
13016/240 - 4308-0032	Utility	12/773,581	5/4/2010	Transactional Consistency Scheme System for Maintaining Coherency During Offline Changes to Storage Media	Pending			
13016/241 - 4308-0033	Utility	12/794,057	6/4/2010	Mapping Engine for a Storage Device	Pending			
13016/242 - 4308-0034	Utility	12/790,255	5/28/2010	Architecture for Storage Proxy with Adaptable Tiering Policy	Pending			
13016/243 - 4308-0035	Utility	12/814,438	6/12/2010	Multiple Disk Storage Management System	Pending			
13016/244 - 4308-0036	Utility	12/832,927	7/8/2010	Reassembling Abstracted Memory Access for Prefetching	Pending			
13016/245 - 4308-0037	Utility	12/846,588	7/29/2010		Pending			

13016/246 - 4308-0038	Utility	12/849,652	8/3/2010	Identifying Invalid Cache Data Storage Proxy with Virtual Ports Configuration	Pending		
13016/247 - 4308-0039	Utility	12/855,651	8/12/2010	Alignment Adjustment in a Tiered Storage System	Pending		
13016/248 - 4308-0040	Utility	12/889,804	8/26/2010	Efficient Reloading of Data into Cache Resource	Pending		
13016/249 - 4308-0041	Utility	12/889,732	9/24/2010	Efficient Use of Physical Address Space for Data Overflow and Validation	Pending		
13016/250 - 4308-0042	Utility	12/849,372	1/18/2010	Least Profitability Used Caching Scheme	Pending		
13016/251 - 4308-0043	Utility	13/005,463	1/12/2011	Apparatus, Method and System for Using Real-Time Performance Feedback for Modeling and Improving Access to Solid State Media			
13016/252 - 4308-0044	Utility	13/019,617	2/2/2011	Apparatus, Method and System for Using Shadow Drives for Alternative Drive Commands	Pending		
13016/253 - 4308-0046	Utility	13/039,162	3/2/2011	Storage Proxy with Virtual Ports Configuration	Pending		
13016/254 - 4308-0051	Utility	13/733,807	1/3/2013	Mapping Engine for a Storage Device	Pending		
13016/268	Utility	13/784,975	2/12/2013	Efficient Use of Hybrid Media in Cache Architectures	Pending		
13016/269	Utility	13/786,351	2/13/2013		Pending		
Intel/Foreign Applications							
Matter Number	Type	Serial Number	Filing Date	Title	Status	Publication Number	Patent Number
13016/17	Canada	2597892	4/17/2006	Interconnection System	Pending		
13016/18	P.R. China	200880013085.3	4/17/2006	Interconnection System	Issued		1872192
13016/19	EPO	8750534.7	4/17/2006	Interconnection System	Issued		
13016/20	Japan	2008507797	4/17/2006	Interconnection System	Pending		
13016/21	India	1140MUMNP/2007	4/17/2006	Interconnection System	Pending		
13016/30	S. Korea	10-2007-7025635	4/17/2006	Interconnection System	Pending		
13016/49	P.R. China	200780039379.5	4/29/2009	Skew Management in an Interconnection System	Pending		
13016/51	Korea	10-2008-7008236	4/22/2008	Skew Management in an Interconnection System	Pending		
13016/48	Japan	2009-124465		Interconnection System (divisional of /20)	Pending		
13016/50	EPO	07961,460.9		Skew Management in an Interconnection System	Issued		
13016/52	P. R. China	200910136216.X	4/29/2009	Interconnection System (divisional of /18)	Pending		
13016/60	EPO	874230.8		Memory Management System and Method	Pending		
13016/61	Korea	10-2008-7018594	9/4/2009	Memory Management System and Method	Pending		
13016/59	P.R. China	20080007937.4	9/11/2009	Memory Management System and Method	Pending		
13016/62	P.R. China	2009110210161.2	10/29/2009	Interconnection System (omnibus divisional of /18)	Issued		11/14/2012
13016/66	P.R. China	2008015726	8/29/2008	Memory Power Management	Pending		
13016/67	EPO	8829082	8/29/2008	Memory Power Management	Pending		
13016/68	Korea	10-2010-7004678	8/29/2008	Memory Power Management	Pending		
13016/69	P.R. China	200880111329.8	10/3/2008	Mesosynchronous Data Bus Apparatus and	Pending		
13016/70	EPO	8895238.9	10/3/2008	Mesosynchronous Data Bus Apparatus and	Pending		

13016/71	Korea	10-2010-7008902	10/3/2008	Mesosynchronous Data Bus Apparatus and Mesosynchronous Data Bus Apparatus	Issued	10-1132321	3/26/2012
13016/72	Japan	2010-528163	10/3/2008	Method and System for Storage of Data in Non-Volatile Media	Pending		
13016/73	China	TBA		Method and System for Storage of Data in Non-Volatile Media	Pending		
13016/74	EPO	TBA		Method and System for Storage of Data in Non-Volatile Media	Pending		
13016/75	Korea	10-2010-701777		Method and System for Storage of Data in Non-Volatile Media	Pending		
13016/85	EPO	EP200707541	3/31/2008	Scalable Storage Acceleration	Pending		
13016/91	PCT	PCT/US10/52074	10/6/2010	Memory System with Multiple Striping	Pending		
13016/101	PCT	PCT/US10/60408	12/31/2009	Hybrid Media in Cache Architecture	Pending		
13016/103	PCT	PCT/US10/62061	12/23/2010	Configurable Interconnection System	Pending		
13016/114	EPO	11168486.6		Interconnection System (divisional of /19)	Pending		
13016/115	EPO	11884488.0		Interconnection System (divisional of /19)	Allowed		
13016/116	EPO	11168492.4		Interconnection System (divisional of /19)	Allowed		
13016/117	EPO	11168484.0		Interconnection System (divisional of /19)	Pending		
13016/118	EPO	11168499.9		Interconnection System (divisional of /19)	Pending		
13016/119	EPO	11168502.0		Interconnection System (divisional of /19)	Pending		
13016/120	EPO	11168504.5		Interconnection System (divisional of /19)	Pending		
13016/124	P.R. China	201110217894.6		Memory Management System and Method (divisional of /59)	Pending		
13016/131	PCT	PCT/US11/62215		Fast and Reliable Method and System to Broadcast Data	Pending		
13016/132	P.R. China	201080028058.3		Memory System Having Persistent Garbage Collection	Pending		
13016/133	EPO	10788788.7		Memory System Having Persistent Garbage Collection	Pending		
13016/134	Korea	10-20012-7000724		Memory System Having Persistent Garbage Collection	Pending		
13016/168	P.R. China	N/A		Memory System with Multiple Striping	Pending		
13016/167	EPO	10822795.0		Memory System with Multiple Striping	Pending		
13016/168	Korea	10-201207009026	4/6/2012	Memory System with Multiple Striping	Pending		
13016/173	EPO	12160777.4		Skew Management in an Interconnection System (divisional of /50)	Pending		
13016/179	PCT	PCT/US2012/046448	6/12/2012	Flash Disk Array and Controller	Pending		
13016/180	Taiwan	101126052	7/12/2012	Flash Disk Array and Controller	Pending		
13016/187	P.R. China	201080055218.5	6/29/2012	Configurable Interconnection System	Pending		
13016/198	EPO	10840190.2		Configurable Interconnection System	Pending		
13016/199	Korea	10-2012-7018031		Configurable Interconnection System	Pending		
13016/200	Japan	2012-129297		Interconnection System	Pending		
13016/202	P.R. China	201080060287.6		Efficient Use of Hybrid Media in Cache Architectures	Pending		
13016/203	EPO	1084544.9		Efficient Use of Hybrid Media in Cache Architectures	Pending		
13016/204	Korea	10-2012-7017015		Efficient Use of Hybrid Media in Cache Architectures	Pending		

13016/206	Russia	2012132643		Efficient Use of Hybrid Media in Cache Architectures	Pending	
13016/209	PCT	PCT/US12/048437	7/12/2012	Rated Memory System	Pending	
13016/210	Taiwan	N/A		Rated Memory System	Pending	
13016/211	France	7861460.9	10/19/2007	Skew Management System in an Interconnection System	Issued	
13016/212	Germany	7861460.10	10/20/2007	Skew Management System in an Interconnector System	Issued	
13016/213	UK	7861460.11	10/21/2007	Skew Management System in an Interconnection System	Issued	
13016/214	Ireland	7861460.12	10/22/2007	Skew Management System in an Interconnection System	Issued	
13016/215	Switzerland	7861460.12	10/22/2007	Skew Management System in an Interconnection System	Issued	
13016/216	France	6750534.7	4/17/2008	Interconnection System	Issued	
13016/217	Germany	6750534.8	4/17/2008	Interconnection System	Issued	
13016/218	UK	6750534.9	4/17/2008	Interconnection System	Issued	
13016/219	Ireland	6750534.10	4/17/2008	Interconnection System	Issued	
13016/220	Switzerland	6750534.11	4/17/2008	Interconnection System	Issued	
13016/223	PCT	PCT/US12/56634	9/21/2012	System and Method for Correcting Errors in Data	Pending	
13016/224	P.R. China	201210353638.4	4/17/2006	Interconnection System	Pending	
13016/229	Korea	10-2012-7028602	10/31/2012	Interconnection System	Pending	
13016/270	PCT	PCT/US13/25898	2/19/2013	Mapping Engine for Storage Device	Pending	

Violin has the worldwide, irrevocable, perpetual, royalty free, non-exclusive license to practice under the following patents rights for the following patents

Description

- High speed, scalable, dynamic integrated programmable switch (DIPS) device
- Highly efficient design of storage array for use in first and second cache spaces and memory subsystems
- Dynamically programmable integrated switching device using an asymmetric 5T1C cell
- Intelligent routing switching system

Patent Number

- 6,504,786
- 6,684,546
- 6,901,070
- 7,236,488

SCHEDULE B

**To Plain English Intellectual Property Security Agreement
Between Violin Memory, Inc., as You (Grantor)
and TriplePoint Capital LLC, as Us (Grantee)**

TRADEMARKS AND TRADEMARK APPLICATIONS

TRADEMARKS

Name	Date Filed or Issued	Serial Number	Status
PLEASE SEE ATTACHED SCHEDULES.			

TRADEMARK APPLICATIONS

Name	Date Filed	Serial Number	Status
PLEASE SEE ATTACHED SCHEDULES.			

Trademark Status Report

Violin Memory, Inc.

BHGL Ref.	Country	Mark	Class	Status	Appl. Date	Appl. No.	Reg. Date	Reg. No.	Renewal Due	Owner
13016-22	China P.R.	VIOLIN	9	Registered	8/17/2007	6226644	3/21/2010	6226644	3/20/2020	Violin Memory, Inc.
13016-23	Community	VIOLIN	9, 38, 42	Registered	6/15/2007	6005706	6/15/2007	6005706	6/30/2017	Violin Memory, Inc.
13016-259	Community	TURBOVIEW	9	Registered	4/22/2010	9048422	10/12/2010	9048422	4/30/2020	Gridiron Systems, Inc.
13016-24	India	VIOLIN	9	Registered	6/13/2007	1568086	12/9/2011	1568086	6/13/2017	Violin Memory, Inc.
13016-104	Japan	VIOLIN	9	Registered	1/11/2011	2011-1064	10/21/2011	5445315	10/21/2021	Violin Memory, Inc.
13016-258	Japan	TURBOVIEW	9	Registered	4/22/2010	2010-32328	8/5/2011	5429852	8/5/2021	Gridiron Systems, Inc.
13016-105	United States	VSHARE	9	Pending	1/28/2011	85/228,844				Violin Memory, Inc.
13016-106	United States	FLASH FORWARD	9	Pending	2/15/2011	85/242,430				Violin Memory, Inc.
13016-257	United States	INODE	9	Pending	4/17/2012	85/599,745				Violin Memory, Inc.
13016-263	United States	MEMCUBE	9	Pending	10/8/2012	85/748,211				Violin Memory, Inc.
13016-264	United States	ONEAPPLICATION	9	Pending	4/17/2012	85/599,743				Violin Memory, Inc.
13016-92	United States	VCACHE	9	Pending	12/7/2010	85/192,451				Violin Memory, Inc.
13016-267	United States	TURBOVIEW	9	Registered	11/3/2009	77/864,342	5/10/2011	3,958,851	5/10/2021	Violin Memory, Inc.
13016-13	United States	VIOLIN	9	Registered	4/17/2007	77/158,276	12/30/2008	3,554,756	12/30/2018	Violin Memory, Inc.
13016-14	United States	VIOLIN and Design	9	Registered	4/17/2007	77/158,280	12/30/2008	3,554,757	12/30/2018	Violin Memory, Inc.
13016-15	United States	VIOLIN MEMORY	9	Registered	4/17/2007	77/158,269	7/27/2010	3,825,490	7/27/2020	Violin Memory, Inc.
13016-260	United States	FLASHCUBE	9	Registered	1/28/2009	77/658,830	1/15/2013	4,276,013	1/15/2023	Violin Memory, Inc.
13016-261	United States	GRIDIRON	9	Registered	2/3/2009	77/662,396	3/1/2011	3,926,201	3/1/2021	Violin Memory, Inc.
13016-265	United States	SMARTSSD	9	Registered	8/20/2009	77/809,268	3/15/2011	3,932,934	3/15/2021	Violin Memory, Inc.
13016-79	United States	CACHEFX	9	Registered	11/13/2006	77/043,013	5/27/2008	3,436,846	5/27/2018	Gear Six, Inc.
13016-80	United States	GEAR6	9	Registered	3/22/2006	78/843,600	1/8/2008	3,366,994	1/8/2018	Engineered Intelligence Corporation

Violin Memory, Inc. Confidential
4/16/2013

SCHEDULE C
TO INTELLECTUAL PROPERTY SECURITY AGREEMENT
Between Violin Memory, Inc., as You (Grantor)
And TriplePoint Capital LLC, as Us (Grantee)

COPYRIGHT REGISTRATIONS

Registration Number
PLEASE SEE
ATTACHED
SCHEDULES.

Title

Registration Date

V&A No.

APPLICATIONS FOR COPYRIGHT REGISTRATIONS

Title
PLEASE SEE
ATTACHED
SCHEDULES.

Date Filed

V&A No.

Certificate of Copyright Registration

Violin Memory, Inc.

File No.	Type	Registration Number	Certification Date	Title	Status
13016-174	Copyright	Txu 1-804-753	5-Apr-12	SMC/Computer Program	Registered
13016-175	Copyright	Txu 1-804-728	5-Apr-12	HH/Computer Program	Registered



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAY 17, 2013

PTAS

TED SIEN
101 CALIFORNIA STREET, SUITE 3900
WINSTON & STRAWN LLP
SAN FRANCISCO, CA 94111

900255300

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 05/15/2013

REEL/FRAME: 5028/0119
NUMBER OF PAGES: 16

BRIEF: SECURITY INTEREST

DOCKET NUMBER: 250121.1 (VIOLIN MEMORY)

ASSIGNOR:

VIOLIN MEMORY, INC.

DOC DATE: 05/13/2013
CITIZENSHIP: DELAWARE
ENTITY: CORPORATION

ASSIGNEE:

TRIPLEPOINT CAPITAL LLC

2755 SAND HILL ROAD, SUITE 150
MENLO PARK, CALIFORNIA 94025

CITIZENSHIP: DELAWARE
ENTITY: LIMITED LIABILITY COMPANY

SERIAL NUMBER: 77043013

REGISTRATION NUMBER: 3436846

MARK: CACHEFX

DRAWING TYPE: STANDARD CHARACTER MARK

FILING DATE: 11/13/2006

REGISTRATION DATE: 05/27/2008

SERIAL NUMBER: 77158269

REGISTRATION NUMBER: 3825490

MARK: VIOLIN MEMORY

DRAWING TYPE: STANDARD CHARACTER MARK

FILING DATE: 04/17/2007

REGISTRATION DATE: 07/27/2010

SERIAL NUMBER: 77158276 FILING DATE: 04/17/2007
 REGISTRATION NUMBER: 3554756 REGISTRATION DATE: 12/30/2008
 MARK: VIOLIN
 DRAWING TYPE: STANDARD CHARACTER MARK

SERIAL NUMBER: 77158280 FILING DATE: 04/17/2007
 REGISTRATION NUMBER: 3554757 REGISTRATION DATE: 12/30/2008
 MARK: VIOLIN
 DRAWING TYPE: AN ILLUSTRATION DRAWING WHICH INCLUDES WORD(S)/ LETTER(S)
 /NUMBER(S)

SERIAL NUMBER: 77658830 FILING DATE: 01/28/2009
 REGISTRATION NUMBER: 4276013 REGISTRATION DATE: 01/15/2013
 MARK: FLASHCUBE
 DRAWING TYPE: STANDARD CHARACTER MARK

SERIAL NUMBER: 77662396 FILING DATE: 02/03/2009
 REGISTRATION NUMBER: 3926201 REGISTRATION DATE: 03/01/2011
 MARK: GRIDIRON
 DRAWING TYPE: STANDARD CHARACTER MARK

SERIAL NUMBER: 77809268 FILING DATE: 08/20/2009
 REGISTRATION NUMBER: 3932934 REGISTRATION DATE: 03/15/2011
 MARK: SMARTSSD
 DRAWING TYPE: STANDARD CHARACTER MARK

SERIAL NUMBER: 77864342 FILING DATE: 11/03/2009
 REGISTRATION NUMBER: 3958851 REGISTRATION DATE: 05/10/2011
 MARK: TURBOVIEW
 DRAWING TYPE: STANDARD CHARACTER MARK

SERIAL NUMBER: 78843600 FILING DATE: 03/22/2006
 REGISTRATION NUMBER: 3366994 REGISTRATION DATE: 01/08/2008
 MARK: GEAR6
 DRAWING TYPE: STANDARD CHARACTER MARK

SERIAL NUMBER: 85192451 FILING DATE: 12/07/2010
 REGISTRATION NUMBER: REGISTRATION DATE:
 MARK: VCACHE
 DRAWING TYPE: STANDARD CHARACTER MARK

SERIAL NUMBER: 85228844 FILING DATE: 01/28/2011
 REGISTRATION NUMBER: REGISTRATION DATE:
 MARK: VSHARE
 DRAWING TYPE: STANDARD CHARACTER MARK

SERIAL NUMBER: 85242430 FILING DATE: 02/15/2011
 REGISTRATION NUMBER: REGISTRATION DATE:
 MARK: FLASH FORWARD
 DRAWING TYPE: STANDARD CHARACTER MARK

SERIAL NUMBER: 85599743 FILING DATE: 04/17/2012
 REGISTRATION NUMBER: REGISTRATION DATE:
 MARK: ONEAPPLIANCE
 DRAWING TYPE: STANDARD CHARACTER MARK

SERIAL NUMBER: 85599745 FILING DATE: 04/17/2012
 REGISTRATION NUMBER: REGISTRATION DATE:
 MARK: INODE
 DRAWING TYPE: STANDARD CHARACTER MARK

SERIAL NUMBER: 85748211
REGISTRATION NUMBER:
MARK: MEMCUBE
DRAWING TYPE: STANDARD CHARACTER MARK

FILING DATE: 10/08/2012
REGISTRATION DATE:

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

TRADEMARK ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
VIOLIN MEMORY, INC.		05/13/2013	CORPORATION: DELAWARE
RECEIVING PARTY DATA			
Name:	TRIPLEPOINT CAPITAL LLC		
Street Address:	2755 SAND HILL ROAD, SUITE 150		
City:	MENLO PARK		
State/Country:	CALIFORNIA		
Postal Code:	94025		
Entity Type:	LIMITED LIABILITY COMPANY: DELAWARE		
PROPERTY NUMBERS Total: 15			
Property Type	Number	Word Mark	
Serial Number:	85228844	VSHARE	
Serial Number:	85242430	FLASH FORWARD	
Serial Number:	85599745	INODE	
Serial Number:	85748211	MEMCUBE	
Serial Number:	85599743	ONEAPPLIANCE	
Serial Number:	85192451	VCACHE	
Registration Number:	3958851	TURBOVIEW	
Registration Number:	3554756	VIOLIN	
Registration Number:	3554757	VIOLIN	
Registration Number:	3825490	VIOLIN MEMORY	
Registration Number:	4276013	FLASHCUBE	
Registration Number:	3926201	GRIDIRON	
Registration Number:	3932934	SMARTSSD	
Registration Number:	3436846	CACHEFX	

CH \$390.00 85228844



TRIPLEPOINT
CAPITAL

PLAIN ENGLISH INTELLECTUAL PROPERTY SECURITY AGREEMENT

This is a Plain English Intellectual Property Security Agreement dated as of May 13, 2013 by and between TRIPLEPOINT CAPITAL LLC, a Delaware limited liability company and VIOLIN MEMORY, INC., a Delaware corporation.

The words "We", "Us", or "Our", refer to the grantee, which is TriplePoint Capital LLC. The words "You" or "Your" refers to the grantor, which is VIOLIN MEMORY, INC., and not any individual. The words "the Parties" refers to both TRIPLEPOINT CAPITAL LLC and VIOLIN MEMORY, INC.

The Parties have entered into a Plain English Growth Capital Loan and Security Agreement dated as of May 13, 2013 (together with amendments, supplements, extensions and exhibits, collectively the "Loan Agreement"). Pursuant to the Loan Agreement, You have granted to Us a lien on and a security interest in all the present and future rights, title, and interest that You may now have or hereafter acquire in all Patents, Trademarks, Copyrights, and applications for Patents, Trademarks and Copyrights.

In consideration for the mutual covenants and agreements contained in the Loan Agreement and this Agreement, and for other good and valuable consideration, the receipt and sufficiency of which are acknowledged, the Parties agree as follows:

I. GRANT OF SECURITY INTEREST

You grant to Us a lien upon and continuing security interest in all of Your right, title, and interest in, to and under all of the following (all of the following items of property collectively will be referred to as the "Intellectual Property Collateral"), whether now existing or hereafter arising or acquired:

- ⇒ all Patents, Patent Licenses, and Patent applications, including specifically those issued Patents and Patent applications listed on the attached **Schedule A**, together with any reissues, divisions, continuations, renewals, extensions and continuations thereof;
- ⇒ all Trademarks, Trademark Licenses, and Trademark applications, including specifically those Trademark registrations and Trademark applications listed on the attached **Schedule B** together with any renewals thereof;
- ⇒ all Copyrights, Copyright Licenses, and applications for Copyrights, including specifically those registered Copyrights and applications for Copyright registration listed on the attached **Schedule C**;
- ⇒ the right to sue for past, present and future infringements of the foregoing and all rights corresponding thereto throughout the world and all re-issues, divisions continuations, renewals, extensions and continuations-in-part thereof; and
- ⇒ all Proceeds.

You represent and warrant to Us that Schedules A, B, and C attached hereto set forth any and all Patents, Trademarks and Copyrights in connection to which You have registered or filed an application for registration with either the United States Patent and Trademark Office or the United States Copyright Office, as applicable.

2. LOAN AGREEMENT

This security interest is granted to secure the Secured Obligations, under the Loan Agreement. All the capitalized terms used but not otherwise defined are used in this Agreement with the same meaning as defined in the Loan Agreement.

3. OUR RIGHT TO SUE

From and after an Event of Default, subject to the terms of the Loan Agreement, We shall have the right, but shall in no way be obligated, to bring suit in Our own name to enforce Your rights in the Intellectual Property Collateral. If We commence any such suit, You shall, at Our request, do all lawful acts and execute and deliver all proper documents or information that may be necessary or desirable to aid Us in such enforcement. You shall promptly, upon demand, reimburse and indemnify Us for all of Our costs and expenses, including reasonable attorney's fees, related to Our exercise of the above mentioned rights.

4. FURTHER ASSURANCES

You will from time to time execute, deliver and file, alone or with Us, any security agreements, or other documents to perfect and give priority to Our lien on the Intellectual Property Collateral. You will from time to time obtain any instruments or documents as We may request, and take all further action that may be reasonably necessary or desirable, or that We may reasonably request, to carry out more effectively the provisions and purposes of this Agreement or any other related agreements or to confirm, perfect, preserve and protect the liens granted to Us.

5. MODIFICATION

This Agreement can only be altered, amended or modified in a writing signed by the Parties. Notwithstanding the foregoing however, You hereby agree that We may modify this Agreement without first obtaining Your approval of or signature to such modification by amending Schedules A, B, and C to this Agreement, as appropriate, solely to the extent necessary to include an accurate and correct reference to any right, title or interest in any Intellectual Property Collateral acquired by You before or after the execution hereof or to delete any reference to any right, title or interest in any Intellectual Property Collateral in which You no longer have or claim to have any right, title or interest, which amendment shall become effective upon delivery to You of a written copy of such modified Schedule. We may exercise such right only until all of the Secured Obligations have been fully repaid and performed and Our obligation to provide credit extensions to You is terminated.

6. BINDING EFFECT; REMEDIES NOT EXCLUSIVE

This Agreement shall be binding upon You and Your respective successors and assigns, and shall inure to the benefit of Us, and Our nominees and assigns.

Our rights and remedies with respect to the security interest granted hereby are in addition to those set forth in the Loan Agreement and the other Loan Documents, and those which are now or hereafter available to Us as a matter of law or equity. Each of Our rights, powers and remedies provided for herein or in the Loan Agreement or any of the Loan Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein and the exercise by Us of any one or more of the rights, powers or remedies provided for in this Intellectual Property Security Agreement, the Loan Agreement or any of the other Loan Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Us, of any or all other rights, powers or remedies.

7. GOVERNING LAW; COUNTERPARTS

This Agreement shall be deemed made and accepted in and shall be governed by and construed in accordance with the laws of the State of California, and (where applicable) the laws of the United States of America.

This Agreement may be executed in two or more counterparts, each of which shall be deemed an original but all of which together shall constitute the same instrument.

(Signature Page to Follow)

IN WITNESS WHEREOF, You have duly executed this Agreement as of the date first set forth above.

You: VIOLEN MEMORY, INC.

Signature: _____

Print Name: Donald Basile

Title: President and CEO

[SIGNATURE PAGE TO PLAIN ENGLISH INTELLECTUAL PROPERTY SECURITY AGREEMENT]

SCHEDULE A

**To Plain English Intellectual Property Security Agreement
Between Violin Memory, Inc., as You (Grantor)
and TriplePoint Capital LLC, as Us (Grantee)**

PATENTS AND PATENT APPLICATIONS

PATENTS

Patent Name

Status and
Date Issued

Patent Number

PLEASE SEE ATTACHED
SCHEDULES.

PATENT APPLICATIONS

Name

Status & Date Filed

Application Number

PLEASE SEE ATTACHED
SCHEDULES.

ry of Patents and Applications
Violin Memory, Inc.

Matter Number	Type	Serial Number	Filing Date	Title	Status	Publication Number	Patent Number	Issue Date
US Applications - Provisional								
13016/125	Provisional	61/636,088	4/20/2012	Incremental Backups and Snapshots in a Storage System	Pending			
13016/126	Provisional	61/636,086	4/20/2012	LUN Management with Distributed RAID Controllers	Pending			
13016/138	Provisional	61/614,778	3/23/2012	Power Management in a Flash Module	Pending			
13016/139	Provisional	61/618,055	3/30/2012	Virtualization of a Flash Memory Module	Pending			
13016/136	Provisional	61/623,301	4/12/2012	Managing Trim Operations in a FLASH Memory System	Pending			
13016/178	Provisional	61/657,161	6/8/2012	Method and System for Optimizing a RAID Data Path	Pending			
13016/182	Provisional	61/704,662	9/24/2012	Method and System for Virtual Addressing	Pending			
13016/183	Provisional	61/650,604	5/23/2012	Method and System for Flash Memory Controller	Pending			
13016/184	Provisional	61/701,012	9/14/2012	Compressed Cyclic Redundancy Code	Pending			
13016/185	Provisional	61/705,657	9/24/2012	Method and System for Hardware Integrity Assurance	Pending			
13016/186	Provisional	61/704,103	9/21/2012	Sorting a Write Cache	Pending			
13016/189	Provisional	61/666,526	6/29/2012	Method of Access to Power Circuit	Pending			
13016/181	Provisional	61/656,575	6/7/2012	Memory System Management (RAIDed memory array)	Pending			
13016/192	Provisional	61/667,660	7/9/2012	Synchronization of Memory Arrays	Pending			
13016/186	Provisional	61/696,363	9/4/2012	Method and System of Power Control for a High Availability System filed	Pending			
13016/225	Provisional	61/726,764	11/15/2012	Memory Array With Atomic Test and Set	Pending			
13016/227	Provisional	61/750,133	1/8/2013	Method and System for Data Storage	Pending			
US Applications - Utility and Design								
Matter Number	Type	Serial Number	Filing Date	Title	Status	Publication Number	Patent Number	Issue Date
13016/29	Utility	11/918,757	4/17/2006	Interconnection System (PCT National Stage)	Pending	US-2009C216924A1		
13016/3	Utility	11/405,083	4/17/2006	Interconnection System	Pending	US2007-0124532A1		
13016/31	Utility	11/675,289	10/12/2007	Skew Management in an Interconnection System	Issued	US2008-0043933A1	8,028,186	9/27/2011
13016/34	Utility	12/062,287	4/3/2008	Universal Memory Socket and Card and System for Using the Same	Pending	US2009-0020608A1		
13016/35	Utility	12/079,364	3/26/2008	Memory Management System and Method	Issued	US2008-0250270A1	8,200,687	6/12/2012
13016/41	Utility	12/199,366	8/27/2008	Memory Power Management	Pending	US2009-0070812A1		
13016/43	Utility	12/246,349	10/3/2008	Mesosynchronous Data Bus Apparatus and Method of Data Transmission	Issued	US2008-0150707A1	8,112,655	2/7/2012
13016/44	Utility	12/273,410	11/18/2008	Method and System for Storage of Data in Non-Volatile Media	Pending	US 2008-0150598		
13016/76	Utility	12/786,836		Memory System Having Persistent Garbage Collection	Pending	US 2010-0325351		
13016/81	Utility	10/956,377		Method and System for Processing Data Having a Pattern of Repeating Bits	Issued		7,554,464	6/30/2009

13016/82	Utility	12/485,873	3/15/2011	Fast Compression Method for Scientific Data	Issued		7,907,088	3/15/2011
13016/84	Utility	11/385,474	2/28/2008	Method and Apparatus for Providing High-Performance and Highly-Scalable Storage Acceleration	Pending	US 2007-0288108		
13016/86	Utility	11/845,679		Method for Efficient Delivery of Clustered Data via Adaptive TCP Connection Migration	Issued		7,565,448	7/21/2009
13016/87	Utility	11/886,811	1/25/2011	Method and Apparatus for Efficient TCP Connection Handoff	Issued		7,877,490	1/25/2011
13016/88	Utility	12/650,968	12/31/2009	Hybrid Media in Cache Architecture	Allowed-issue fee paid	US 2011-0145478	8,397,018	3/12/2013
13016/89	Utility	10/293,791	11/12/2002	Scalable Parallel Processing on Shared Memory Computers	Issued		7,454,749	11/18/2008
13016/90	Utility	12/901,224	10/8/2010	Memory System with Multiple Striping	Pending	US 2011-0126045		
13016/98	Utility	12/957,987	12/1/2010	Reliable and Fast Method to Broadcast Data	Pending			
13016/97	Utility	12/946,184	11/15/2010	Skew Management in an Interconnection System	Issued	US 2011-0060857	8,990,973	1/3/2012
13016/96	Utility	12/976,735	12/22/2010	Configurable Interconnection System	Pending			
13016/127	Utility	13/305,373	11/28/2011	Skew Management in an Interconnection System	Pending	US 2012-0079-163		
13016/130	Utility	13/443,324	4/10/2012	Interconnection System	Pending			
13016/172	Utility	13/442,284	4/9/2012	Memory Management System and Method	Pending			
13016/176	Utility	13/546,179	7/11/2012	Flash Disk Array and Controller	Pending			
13016/187	Utility	13/612,007	9/12/2012	Heat Dissipation Device	Pending			
13016/190	Utility	13/538,737	6/29/2012	Method and System for Providing Cooling	Pending			
13016/196	Utility	13/546,346	7/11/2012	RAIDed Memory Array	Pending			
13016/201	Design	29/431,974	9/12/2012	Heat Sink Cover	Pending			
13016/222	Utility	13/624,282	9/21/2012	System and Method of Correcting Errors	Pending			
13016/232 - 4308-0021	Utility	12/605,119	7/3/2012	Storage Device Prefetch System Using Graph Clusters	Issued	US 2010-0115206	6,214,598	7/9/2012
13016/233 - 4308-0020	Utility	12/568,612	9/28/2009	Fibre Channel Proxy	Issued	US 2010-0080237	8,160,070	4/17/2012
13016/234 - 4308-0022	Utility	12/605,180	10/23/2009	Behavioral Monitoring of Storage Access Patterns	Issued	US 2010-0115211	6,214,608	7/3/2012
13016/235 - 4308-0023	Utility	12/619,509	11/19/2009	Cluster Control Protocol	Pending	US 2010-0125857		
13016/236 - 4308-0024	Utility	12/616,705	11/11/2009	Dynamic Performance Virtualization for Disk Access	Issued	US 2010-012020	8,285,981	10/9/2012
13016/237 - 4308-0027	Utility	12/584,387	1/8/2010	Using Temporal Access Patterns for Determining Prefetch Suitability	Pending			
13016/238 - 4308-0028	Utility	12/759,604	4/13/2010	System for Increasing Storage Media Performance	Pending			
13016/239 - 4308-0029	Utility	12/759,644	4/13/2010	System for Increasing Utilization of Storage Media	Pending			
13016/240 - 4308-0032	Utility	12/773,681	5/4/2010	Transactional Consistency Scheme	Pending			
13016/241 - 4308-0033	Utility	12/794,057	6/4/2010	System for Maintaining Coherency During Offline Changes to Storage Media	Pending			
13016/242 - 4308-0034	Utility	12/790,255	5/28/2010	Mapping Engine for a Storage Device	Pending			
13016/243 - 4308-0035	Utility	12/814,436	6/12/2010	Architecture for Storage Proxy with Adaptable Tiering Policy	Pending			
13016/244 - 4308-0036	Utility	12/832,927	7/8/2010	Multiple Disk Storage Management System	Pending			
13016/245 - 4308-0037	Utility	12/846,598	7/29/2010	Reassembling Abstracted Memory Access for Prefetching	Pending			

13016/246 - 4308-0038	Utility	12/8/49,652	8/9/2010	Identifying Invalid Cache Data Storage Proxy with Virtual Ports Configuration	Pending		
13016/247 - 4308-0039	Utility	12/855,651	8/12/2010	Alignment Adjustment in a Tiered Storage System	Pending		
13016/248 - 4308-0040	Utility	12/889,604	8/26/2010	Efficient Reloading of Data into Cache Resource	Pending		
13016/249 - 4308-0041	Utility	12/886,732	9/24/2010	Efficient Use of Physical Address Space for Data Overflow and Validation	Pending		
13016/250 - 4308-0042	Utility	12/849,372	1/18/2010	Least Profitability Used Caching Scheme	Pending		
13016/251 - 4308-0043	Utility	13/005,463	1/12/2011	Apparatus, Method and System for Using Real-Time Performance Feedback for Modeling and Improving Access to Solid State Media	Pending		
13016/252 - 4308-0044	Utility	13/019,617	2/2/2011	Apparatus, Method and System for Using Shadow Drives for Alternative Drive Commands	Pending		
13016/253 - 4308-0046	Utility	13/039,162	3/2/2011	Storage Proxy with Virtual Ports Configuration	Pending		
13016/254 - 4308-0051	Utility	13/733,807	1/3/2013	Mapping Engine for a Storage Device	Pending		
13016/266	Utility	13/764,975	2/12/2013	Efficient Use of Hybrid Media in Cache Architectures	Pending		
13016/269	Utility	13/766,351	2/13/2013		Pending		
Intel/Forson Applications							
Matter Number	Type	Serial Number	Filing Date	Title	Status	Publication Number	Patent Number
13016/17	Canada	2597892	4/17/2006	Interconnection System	Pending		
13016/18	P. R. China	2008800130663.3	4/17/2006	Interconnection System	Issued		1672192
13016/19	EPO	6760534.7	4/17/2006	Interconnection System	Issued		
13016/20	Japan	2008507797	4/17/2006	Interconnection System	Pending		
13016/21	India	1140/MUMNP/2007	4/17/2006	Interconnection System	Pending		
13016/30	S. Korea	10-2007-7025635	4/17/2006	Interconnection System	Pending		
13016/49	P. R. China	200780098378.5	4/23/2009	Skew Management in an Interconnection System	Pending		
13016/51	Korea	10-2009-7008236	4/22/2009	Skew Management in an Interconnection System	Pending		
13016/48	Japan	2009-124455		Interconnection System (divisional of /20)	Pending		
13016/50	EPO	07961,460.9		Skew Management in an Interconnection System	Issued		
13016/52	P. R. China	200910136216.X	4/29/2009	Interconnection System (divisional of /18)	Pending		
13016/60	EPO	874230.8		Memory Management System and Method	Pending		
13016/61	Korea	10-2009-7018594	9/4/2009	Memory Management System and Method	Pending		
13016/59	P. R. China	20080007937.4	9/11/2009	Memory Management System and Method	Pending		
13016/62	P. R. China	2009110210161.2	10/29/2009	Interconnection System (omnibus divisional of /18)	Issued		13/14/2012
13016/66	P. R. China	20088015725	8/29/2008	Memory Power Management	Pending		
13016/67	EPO	6829082	8/29/2008	Memory Power Management	Pending		
13016/68	Korea	10-2010-7004676	8/29/2008	Memory Power Management	Pending		
13016/69	P. R. China	200880111329.8	10/3/2008	Mesosynchronous Data Bus Apparatus and	Pending		
13016/70	EPO	6836236.9	10/3/2008	Mesosynchronous Data Bus Apparatus and	Pending		

13016/71	Korea	10-2010-7009802	10/3/2008	Mesosynchronous Data Bus Apparatus and	Issued	10-1192321	3/26/2012
13016/72	Japan	2010-528163	10/9/2008	Mesosynchronous Data Bus Apparatus and	Pending		
13016/73	China	TBA		Method and System for Storage of Data in Non-Volatile Media	Pending		
13016/74	EPO	TBA		Method and System for Storage of Data in Non-Volatile Media	Pending		
13016/75	Korea	10-2010-701777		Method and System for Storage of Data in Non-Volatile Media	Pending		
13016/85	EPO	EP200707541	3/31/2008	Scalable Storage Acceleration	Pending		
13016/91	PCT	PCT/US10/52074	10/8/2010	Memory System with Multiple Striping	Pending		
13016/101	PCT	PCT/US10/60408	12/31/2009	Hybrid Media in Cache Architecture	Pending		
13016/103	PCT	PCT/US10/62061	12/23/2010	Configurable Interconnection System	Pending		
13016/114	EPO	11168486.8		Interconnection System (divisional of /19)	Pending		
13016/115	EPO	11684499.0		Interconnection System (divisional of /19)	Allowed		
13016/116	EPO	11168492.4		Interconnection System (divisional of /19)	Allowed		
13016/117	EPO	11168494.0		Interconnection System (divisional of /19)	Pending		
13016/118	EPO	11168499.9		Interconnection System (divisional of /19)	Pending		
13016/119	EPO	11168502.0		Interconnection System (divisional of /19)	Pending		
13016/120	EPO	11168504.9		Interconnection System (divisional of /19)	Pending		
13016/124	P.R. China	201110217894.6		Memory Management System and Method (divisional of /59)	Pending		
13016/131	PCT	PCT/US11/62215		Fast and Reliable Method and System to Broadcast Data	Pending		
13016/132	P.R. China	201080028058.3		Memory System Having Persistent Garbage Collection	Pending		
13016/133	EPO	10786789.7		Memory System Having Persistent Garbage Collection	Pending		
13016/134	Korea	10-20012-7006724		Memory System Having Persistent Garbage Collection	Pending		
13016/166	P.R. China	N/A		Memory System with Multiple Striping	Pending		
13016/167	EPO	10522795.0		Memory System with Multiple Striping	Pending		
13016/168	Korea	10-201207009026	4/8/2012	Memory System with Multiple Striping	Pending		
13016/173	EPO	12160777.4		Skew Management in an Interconnection System (divisional of /50)	Pending		
13016/179	PCT	PCT/US2012/048448	6/12/2012	Flash Disk Array and Controller	Pending		
13016/180	Taiwan	101125052	7/12/2012	Flash Disk Array and Controller	Pending		
13016/187	P.R. China	201080059216.5	6/25/2012	Configurable Interconnection System	Pending		
13016/188	EPO	10840190.2		Configurable Interconnection System	Pending		
13016/199	Korea	10-2012-7019031		Configurable Interconnection System	Pending		
13016/200	Japan	2012-129297		Interconnection System	Pending		
13016/202	P.R. China	201080060257.6		Efficient Use of Hybrid Media in Cache Architectures	Pending		
13016/203	EPO	10841544.9		Efficient Use of Hybrid Media in Cache Architectures	Pending		
13016/204	Korea	10-2012-7017015		Efficient Use of Hybrid Media in Cache Architectures	Pending		

13016/205	Russia	2012132643				Efficient Use of Hybrid Media in Cache Architectures			
13016/209	PCT	PCT/US12/046487	7/12/2012			Raided Memory System			Pending
13016/210	Taiwan	N/A				Raided Memory System			Pending
13016/211	France	7861460.9	10/19/2007			Skew Management System in an Interconnection System			Issued
13016/212	Germany	7861460.10	10/20/2007			Skew Management System in an Interconnection System			Issued
13016/213	UK	7861460.11	10/21/2007			Skew Management System in an Interconnection System			Issued
13016/214	Ireland	7861460.12	10/22/2007			Skew Management System in an Interconnection System			Issued
13016/215	Switzerland	7861460.12	10/22/2007			Skew Management System in an Interconnection System			Issued
13016/216	France	6750534.7	4/17/2006			Interconnection System			Issued
13016/217	Germany	6750534.8	4/17/2006			Interconnection System			Issued
13016/218	UK	6750534.9	4/17/2006			Interconnection System			Issued
13016/219	Ireland	6750534.10	4/17/2006			Interconnection System			Issued
13016/220	Switzerland	6750534.11	4/17/2006			Interconnection System			Issued
13016/223	PCT	PCT/US12/56534	9/21/2012			System and Method for Correcting Errors in Data			Pending
13016/224	P.R. China	201210353638.4	4/17/2006			Interconnection System			Pending
13016/229	Korea	10-2012-7028602	10/31/2012			Interconnection System			Pending
13016/270	PCT	PCT/US13/28596	2/13/2013			Mapping Engine for Storage Device			Pending

Violin has the worldwide, irrevocable, perpetual, royalty free non-exclusive license to practice under the following patents rights for the following patents

- Patent Number Description
- 6,504,766 High speed, scalable, dynamic integrated programmable switch (DIPS) device
- 8,594,548 Highly efficient design of storage array for use in first and second cache spaces and memory subsystems
- 8,901,070 Dynamically programmable integrated switching device using an asymmetric 5T1C cell
- 7,236,488 Intelligent routing switching system

SCHEDULE B

**To Plain English Intellectual Property Security Agreement
Between Violin Memory, Inc., as You (Grantor)
and TriplePoint Capital LLC, as Us (Grantee)**

TRADEMARKS AND TRADEMARK APPLICATIONS

TRADEMARKS

Name	Date Filed or Issued	Serial Number	Status
PLEASE SEE ATTACHED SCHEDULES.			

TRADEMARK APPLICATIONS

Name	Date Filed	Serial Number	Status
PLEASE SEE ATTACHED SCHEDULES.			

Trademark Status Report

Violin Memory, Inc.

BHGL Ref.	Country	Mark	Class	Status	Appl. Date	Appl. No.	Reg. Date	Reg. No.	Renewal Due	Owner
13016-22	China P.R.	VIOLIN	9	Registered	8/17/2007	6226644	3/21/2010	6226644	3/20/2020	Violin Memory, Inc.
13016-23	Community Trademark	VIOLIN	9, 38, 42	Registered	6/15/2007	6005706	5/15/2007	6005706	6/30/2017	Violin Memory, Inc.
13016-259	Community Trademark	TURBOVIEW	9	Registered	4/22/2010	9048422	10/12/2010	9048422	4/30/2020	GridIron Systems, Inc.
13016-24	India	VIOLIN	9	Registered	6/13/2007	1568086	12/9/2011	1568086	6/13/2017	Violin Memory, Inc.
13016-104	Japan	VIOLIN	9	Registered	1/11/2011	2011-1064	10/21/2011	5445315	10/21/2021	Violin Memory, Inc.
13016-258	Japan	TURBOVIEW	9	Registered	4/22/2010	2010-32328	8/5/2011	5429852	8/5/2021	GridIron Systems, Inc.
13016-105	United States	VSHARE	9	Pending	1/28/2011	85/238,844				Violin Memory, Inc.
13016-106	United States	FLASH FORWARD	9	Pending	2/15/2011	85/242,430				Violin Memory, Inc.
13016-257	United States	IMODE	9	Pending	4/17/2012	85/599,745				Violin Memory, Inc.
13016-263	United States	MEMCUBE	9	Pending	10/8/2012	85/748,211				Violin Memory, Inc.
13016-264	United States	ONEAPPLICATION	9	Pending	4/17/2012	85/599,743				Violin Memory, Inc.
13016-92	United States	VCACHE	9	Pending	12/7/2010	85/192,451				Violin Memory, Inc.
13016-267	United States	TURBOVIEW	9	Registered	11/3/2009	77/864,342	5/10/2011	3,958,851	5/10/2021	Violin Memory, Inc.
13016-13	United States	VIOLIN	9	Registered	4/17/2007	77/158,275	12/30/2008	3,554,756	12/30/2018	Violin Memory, Inc.
13016-14	United States	VIOLIN and Design	9	Registered	4/17/2007	77/158,280	12/30/2008	3,554,757	12/30/2018	Violin Memory, Inc.
13016-15	United States	VIOLIN MEMORY	9	Registered	4/17/2007	77/158,269	7/27/2010	3,825,490	7/27/2020	Violin Memory, Inc.
13016-260	United States	FLASHCUBE	9	Registered	1/28/2009	77/658,830	1/15/2013	4,276,013	1/15/2023	Violin Memory, Inc.
13016-261	United States	GRIDIRON	9	Registered	2/3/2009	77/662,396	3/1/2011	3,926,201	3/1/2021	Violin Memory, Inc.
13016-265	United States	SMARTSSD	9	Registered	8/20/2009	77/809,268	3/15/2011	3,932,934	3/15/2021	Violin Memory, Inc.
13016-79	United States	CACHEFX	9	Registered	11/13/2006	77/043,013	5/27/2008	3,436,846	5/27/2018	Gear Six, Inc.
13016-80	United States	GEAR6	9	Registered	3/22/2006	76/643,600	1/8/2008	3,366,994	1/8/2018	Engineered Intelligence Corporation

Violin Memory, Inc. Confidential

4/16/2013

SCHEDULE C
TO INTELLECTUAL PROPERTY SECURITY AGREEMENT
Between Violin Memory, Inc., as You (Grantor)
And TriplePoint Capital LLC, as Us (Grantee)

COPYRIGHT REGISTRATIONS

Registration Number
PLEASE SEE
ATTACHED
SCHEDULES.

Title

Registration Date

V&A No.

APPLICATIONS FOR COPYRIGHT REGISTRATIONS

Title
PLEASE SEE
ATTACHED
SCHEDULES.

Date Filed

V&A No.

Certificate of Copyright Registration

Violin Memory, Inc.

File No.	Type	Registration Number	Certification Date	Title	Status
13016-174	Copyright	Txu 1-804-753	5-Apr-12	SMC/Computer Program	Registered
13016-175	Copyright	Txu 1-804-728	5-Apr-12	HH/Computer Program	Registered

TRADEMARK