503327032 05/29/2015

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3373650

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JON CR BENNETT	01/30/2015
DAVID C BIEDERMAN	03/18/2015

RECEIVING PARTY DATA

Name:	VIOLIN MEMORY INC	
Street Address:	4555 GREAT AMERICA PARKWAY	
City:	SANTA CLARA	
State/Country:	CALIFORNIA	
Postal Code:	95054	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13911607

CORRESPONDENCE DATA

Fax Number: (312)321-4299

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: 312-321-4200

Email: officeactions@brinksgilson.com,cwiechers@brinksgilson.com

Correspondent Name: SID BENNETT

Address Line 1: 455 N. CITYFRONT PLAZA - NBC TOWER

Address Line 2: **SUITE 3600**

Address Line 4: CHICAGO, ILLINOIS 60611

ATTORNEY DOCKET NUMBER:	13016/311
NAME OF SUBMITTER:	SID BENNETT
SIGNATURE:	/Sid Bennett/
DATE SIGNED:	05/29/2015

Total Attachments: 6

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ASSIGNMENT

WHEREAS, JON C.R. BENNETT, DAVID M. SMITH, and DANIEL C. BIEDERMAN hereinafter called the "Assignors", have made the invention described in the United States patent application entitled MEMORY SYSTEM MANAGEMENT, filed as U.S. Non-Provisional Patent application no. 13/911,607 on June 6, 2013.

WHEREAS, <u>Violin Memory Inc.</u>, a corporation organized and existing under the laws of the State of <u>Delaware</u>, having a place of business at <u>4555 Great America Parkway</u>, <u>Santa Clara</u>, <u>California</u>, <u>95054</u>, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents issuing therefrom in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignor hereby covenants and agrees, for both the Assignor and the Assignor's legal representatives, that the Assignor will assist the Assignee in the

prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assigner will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assign	ors have executed this agreement.
DATED: 1/30/15	Q MmM
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.	Jon C.R. Bennett
STATE OF CAUTIONS) ss.	
COUNTY OF Sassa WARA)	
1,	, a Notary Public in and for the
County and State aforesaid, do hereby certify to me to be the same person whose name is appeared before me this day in person and ac delivered the said instrument as his/her frequirposes therein set forth. I certify under PENALTY OF PERJURY that the foregoing paragraph is true and correct	s subscribed to the foregoing instrument, knowledged that (s)he signed, sealed and ee and voluntary act for the uses and under the laws of the State of California
WITNESS my hand and official seal.	
SEE KATING GARD	
NORMANAOHEMAN	
	Notary Public
My Commission Expires:	

- 2 -

ACKNOWLEDGEMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California County of Spine County of
On Thanks, before me, Cathy M. Wong, Notary Public (insert name and title of the officer)
personally appeared JOH C.R. BENNETT
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
WITNESS my hand and official seal. CATHY M. WONG COMM. #2057406 Notary Public - California Santa Clara County My Comm. Expires June 4, 2018
Signature (Seal)
Optional information. This certificate is attached to:
Title or type of document: Assilument 13/411,607 from 6/11203 - Violus membry 140
Number of pages:
Date of document: Jon 30, 2015
Signer(s) other than named above: Drin m. Smith or Al
Notary phone number: 650-290-3550 or 408-355-3700

DATED:	
	David M. Smith
STATE OF)
COUNTY OF) ss.)
me to be the sa appeared before delivered the sa purposes therein I certify ur that the foregoing	, a Notary Public in and for the aforesaid, do hereby certify that <u>David M. Smith</u> , personally known to me person whose name is subscribed to the foregoing instrument, ne this day in person and acknowledged that (s)he signed, sealed and d instrument as his/her free and voluntary act for the uses and set forth. Her PENALTY OF PERJURY under the laws of the State of California paragraph is true and correct. The my hand and official seal.
	Notary Public
My Commission	xpires:

DATED:	3/18/15	Daniel C. Bieder	- Bese	Marca,
STATE OF COUNTY OF) ss. Plea Calif	ise see atr Pornia Adend	lached owledgment for 1.	V
known to me to instrument, appearsealed and deliver and purposes the licertify un	te aforesaid, do hereby ce be the same person who ared before me this day in p ered the said instrument as	rtify that <u>Daniel C.</u> ose name is subscrerson and acknowled his/her free and volu RY under the laws of	ribed to the foregoing dged that (s)he signed, untary act for the uses	
WITNESS	my hand and official seal.			
My Commission	Expires:	Notary Public		

A notary public or other officer completing this certificat document to which this certificate is attached, and not the	e verifies only the identity of the individual who signed the truthfulness, accuracy, or validity of that document.	
State of California County of Sunta Clara On Mar. 18, 20/5 before me, Mon Date personally appeared Daniel Christ	VIQUE E. SAKIMA, Notary, Here Insert Name and Title of the Officer I an Biederman Name(s) of Signer(s)	
subscribed to the within instrument and acknowled	evidence to be the person(s) whose name(s) is/are edged to me that he/she/they executed the same in s/he/their signature(s) on the instrument the person(s), red, executed the instrument.	
MONIQUE E. SAKIMA Commission # 2099050 Notary Public - California Santa Clara County	certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct. WITNESS my hand and official seal. Signature of Notary Public	
Place Notary Seal Above		
Though this section is optional, completing this i	IONAL information can deter alteration of the document or form to an unintended document.	
Description of Attached Document Title or Type of Document: Parent Assign n Number of Pages: Signer(s) Other Than		
Capacity(ies) Claimed by Signer(s) Signer's Name: Daniel Christian Biederman	⊮∖ Signer's Name:	
☐ Corporate Officer — Title(s):	☐ Corporate Officer — Title(s):	
□ Partner — □ Limited □ General	☐ Partner — ☐ Limited ☐ General	
☐ Individual ☐ Attorney in Fact ☐ Guardian or Conservator	☐ Individual ☐ Attorney in Fact ☐ Guardian or Conservator	
☐ Trustee ☐ Guardian or Conservator ☐ Other: ☐ Trustee ☐ Guardian or Conservator	☐ Trustee ☐ Guardian or Conservator ☐ Other:	
Signer Is Representing:	Signer Is Representing:	
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PATENT REEL: 035740 FRAME: 0791

RECORDED: 05/29/2015