

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
GARY GRIDER	06/15/2017
AARON TORRES	06/15/2017
RECEIVING PARTY DATA	
Name:	LOS ALAMOS NATIONAL SECURITY, LLC
Street Address:	P. O. BOX 1663
Internal Address:	LOS ALAMOS NATIONAL LABORATORY, LC/TAS
City:	LOS ALAMOS
State/Country:	NEW MEXICO
Postal Code:	87545
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14143749
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	S-133,169 EMC-13-0708
NAME OF SUBMITTER:	KEVIN M. MASON
SIGNATURE:	/Kevin M. Mason/
DATE SIGNED:	06/21/2017
Total Attachments: 4	
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ASSIGNMENT

WHEREAS, we, **Gary Grider**, of Los Alamos, New Mexico, and, **Aaron Torres**, of Los Alamos, New Mexico, have invented certain invention(s), as described at least in part, in the following patent application(s):

U.S. Patent Application No. 14/143,749, filed on (date), entitled "Parallel Storage System with Burst Buffer Appliance for Storage of Partitioned Key-Value Store Across a Plurality of Storage Tiers,"

which application(s) and invention(s) are collectively referred to as "the Invention."

WHEREAS, **Los Alamos National Security, LLC**, a Delaware Limited Liability Company, located at the Los Alamos National Laboratory, LC/TAS, P.O. Box 1663, Los Alamos, New Mexico 87545, desires to acquire an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Gary Grider and Aaron Torres hereby sell, assign, and transfer to Los Alamos National Security, LLC, all right, title, and interest we have in and to the Invention and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; the Invention and letters patent in this or any foreign country, and all corresponding non-provisional applications, divisions, continuations, continuations-in-part, reissues, and extensions thereof, to be held and enjoyed by Los Alamos National Security, LLC, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted by the United States or any foreign country, as fully and entirely as the same would have been held by us had this assignment and sale not been made and agree that we will communicate to Los Alamos National Security, LLC, or its successors and assigns, any facts known to us respecting the Invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and do everything possible to aid Los Alamos National Security, LLC, its successors, and assigns to obtain and enforce proper patent protection for the Invention in the United States or any foreign country.

We confirm that, at the time the Invention was made, we were under an obligation to assign the Invention to Los Alamos National Security, LLC.

We hereby grant Los Alamos National Security, LLC the power to insert on this Assignment any further information that may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

Executed at the place and date opposite our respective signatures below.

Gary Gridér

Gary Gridér

At Los Alamos, New Mexico

(City and State)

on this 15th day of June, 2017.

Aaron Torres

At _____

(City and State)

on this _____ day of _____, 2017.

ASSIGNMENT

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DOE S133169

Executed at the place and date opposite our respective signatures below.

Gary Grider

At _____

(City and State)

on this _____ day of _____, 2017.

Aaron Torres

Aaron Torres

At _____

Seattle Washington

(City and State)

on this *15th* day of *June*, 2017.