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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4565196

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY	DATA			
		Name	Execution Date	
JULIEN MARGETTS			08/11/2017	
HYOUN KWON JEONG			08/14/2017	
JONGHYEON KIM			08/10/2017	
Name:		TORAGE SOLUTIONS, INC.		
Street Address:	25B-C	WESTERN AVENUE, MILTON PARK		
	25B-C ABING			
Street Address: City:	25B-C ABING	WESTERN AVENUE, MILTON PARK DON, OXON BRITAIN		
Street Address: City: State/Country: Postal Code:	25B-C ABINGI GREAT OX14 4	WESTERN AVENUE, MILTON PARK DON, OXON BRITAIN		
Street Address: City: State/Country:	25B-C ABINGI GREAT OX14 4 RS Total: 1	WESTERN AVENUE, MILTON PARK DON, OXON BRITAIN		

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.Phone:(202) 626-3600Email:toshibapatents@whitecase.comCorrespondent Name:WHITE & CASE LLPAddress Line 1:701 THIRTEENTH STREET, NWAddress Line 4:WASHINGTON, D.C. 20005-3807

ATTORNEY DOCKET NUMBER:	1283810-0165-004
NAME OF SUBMITTER:	DAVID M. TENNANT
SIGNATURE:	/David M. Tennant/
DATE SIGNED:	08/24/2017

Total Attachments: 4

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ASSIGNMENT

WHEREAS, the undersigned inventor(s) desires to transfer all right, title, and interest in and to the inventions disclosed in the following invention Disclosure Form(s):

 CREDIT BASED COMMAND SCHEDULING submitted on December 13, 2016, by JULIEN MARGETTS, HYOUN KWON JEONG, JONGHYEON KIM (collectively, the "INVENTOR(S)"):

And such inventions which if now or hereafter are disclosed in the patent application(s):

- (a) U.S. patent application executed on _____,
- (b) \boxtimes U.S. application no. <u>15/684,076</u> filed on <u>August 23, 2017</u>

(c) International (e.g., PCT, JP) application no. ______ filed on ______

(collectively, the "INVENTIONS");

WHEREAS, OCZ Storage Solutions Limited ("OCZ UK"), a U.K. corporation with its principal place of business at 25b-c Western Avenue, Milton Park, Abingdon, OXON, OX14 4SH, U.K., desires to acquire all of the right, title, and interest of JULIEN MARGETTS, HYOUN KWON JEONG, JONGHYEON KIM (hereinafter referred to as "OCZ UK INVENTOR(S)") in, to, and under the INVENTIONS and OCZ UK further desires to transfer all such right, title, and interest to Toshiba America Electronic Components, Inc. ("TAEC"), organized and existing under the laws of the United States, having a place for the transaction of business at 9740 Irvine Boulevard, Suite D700, Irvine, CA 92618, USA.

WHEREAS, TAEC desires to acquire all of the right, title, and interest of OCZ UK, and INVENTOR(S) in, to, and under the INVENTIONS and TAEC further desires to transfer all such right, title, and interest to Toshiba Memory Corporation (hereinafter referred to as "TOSHIBA") a corporation duly organized and existing under the laws of Japan, with offices at 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001;

Now, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged:

- (1) OCZ UK INVENTOR(S) hereby sell(s), assign(s), and transfer(s) to OCZ UK the entire right, title, and interest for the United States and its territorial possessions, and in all foreign countries, in and to the INVENTIONS and any and all improvements thereon which are the subject of the INVENTIONS, and in and to any U.S. or foreign patent application for such INVENTIONS and improvements and any legal equivalent thereof in a foreign country, including the right to claim priority, and in and to any division, continuation or continuation-in-part, renewal or substitute thereof, and in and to all resulting Letters Patents or any reissue, reexamination certificate, supplemental examination certificate, post grant review certificate, inter partes review certificate, or otherwise, thereof, to have and to hold the same to the full end of the term or terms for which any and all of said Letters Patent may be granted (collectively, the "ASSIGNED INVENTIONS");
- (2) OCZ UK hereby sell(s), assign(s), and transfer(s) to TAEC the entire right, title, and interest to the ASSIGNED INVENTIONS.
- (3) TAEC hereby sells, assigns, and transfers to TOSHIBA the entire right, title, and interest to the ASSIGNED INVENTIONS.

Without further payment or compensation by OCZ UK, TAEC, TOSHIBA, or their successors and assigns, INVENTOR(S) further covenant(s) and agree(s) to communicate to OCZ UK, TAEC, TOSHIBA, their representatives, agents, their successors or their assigns, or to subsequent assignees of the ASSIGNED

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INVENTIONS, any facts relating to the ASSIGNED INVENTIONS including evidence for purposes of interference or derivation proceedings or other administrative or legal proceedings whenever requested; to testily in any interference derivation, legal or administrative proceedings whenever requested; to execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and to do everything possible to aid OCZ UK, TAEC, TOSHIBA, their successors, assigns, nominees, or to subsequent assignees of the ASSIGNED INVENTIONS to secure, obtain, and enforce proper patent protection for the ASSIGNED INVENTIONS in this or any foreign country.

:

OCZ LIK, TAEC, and INVENTOR(S) each covenant that they have the full power to make their respective assignments, and that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with these assignments.

OCZ UK, TAEC, and INVENTOR(S) further authorize and request the issuing authority to issue any and all patents on said application or applications to TOSHIBA or its successors and assigns.

Any attorney of record for TOSHIBA, and its successors and assigns, at the direction of TOSHIBA, is authorized and requested by the execution of these assignments to insert into these assignments any further patent or patent application information in the blanks and check boxes above as necessary for recordation of this document.

IN WITNESS WHEREOF, the INVENTOR(S) has/have hereunto affixed his/her/their signatures on the date below written.

ويجعيهم			11/4/17
تستيسمهم ال	Calles on	JULIEN MARGETTS	(Date)
	(Signature)	(Type or Print Name)	
5 11	DOMBE HILL	CRESCENT THAME, OX	ON UK
2.0	WHITE HIM	(Residence Address)	
		HYOUN KWON JEONG	
)		(Type or Print Name)	(Date)
	(Signature)	(1)05 01 / 1112 / 1210 0	•
		(Residence Address)	
		JONGHYEON KIM	
)	(Signature)	(Type or Print Name)	(Date)
N WITNES	S WHEREOF, a represe fixed his/her signature or	(<i>Residence</i> Address) Intative of OCZ UK with authorization to make the date below written.	nis assignment has
	(Signature)	James Tout, GM UK	(Date)
IN WITNES	S WHEREOF. a represe	James Tout, GM UK entative of TAEC with authorization to make this in the date below written.	•
IN WITNES hereunto af	S WHEREOF. a represe	entative of TAEC with authorization to make this	•
IN WITNES hereunto aff	S WHEREOF. a represe	entative of TAEC with authorization to make this	· ·

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OCZ UK, TAEC, and INVENTOR(S) each covenant that they have the full power to make their respective assignments, and that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with these assignments.

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IN WITNESS WHEREOF, the INVENTOR(S) has/have hereunto affixed his/her/their signatures on the date below written.

1)	(Signature)	JULIEN MARGETTS (Type or Print Name)	(Date)
		(Residence Address)	
2)	This	HYOUN KWON JEONG	8-14-2017
	(Signature)	(Type or Print Name)	(Date)
	7994 spyglass	Ct. pleasanton CA, (Residence Address)	94588
	1/8	(Residence Address)	
3)	•	JONGHYEON KIM	
	(Signature)	(Type or Print Name)	(Date)



IN WITNESS WHEREOF, a representative of OCZ UK with authorization to make this assignment has hereunto affixed his/her signature on the date below written.

A.J.V. TAA		16 ANG 2017
(Signature)	James Tout, GMUK	(Dale)

IN WITNESS WHEREOF, a representative of TAEC with authorization to make this assignment has hereunto affixed his/her signature on the date below written.

	-	8/17/2017
(Signature)	(Type or Print Name)	(Dale)

INVENTIONS, any facts relating to the ASSIGNED INVENTIONS including evidence for purposes of interference or derivation proceedings or other administrative or legal proceedings whenever requested; to testify in any interference derivation, legal or administrative proceedings whenever requested; to execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and to do everything possible to aid OCZ UK, TAEC, TOSHIBA, their successors, assigns, nominees, or to subsequent assignees of the ASSIGNED INVENTIONS to secure, obtain, and enforce proper patent protection for the ASSIGNED INVENTIONS in this or any foreign country.

OCZ UK, TAEC, and INVENTOR(S) each covenant that they have the full power to make their respective assignments, and that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with these assignments.

OCZ UK, TAEC, and INVENTOR(S) further authorize and request the issuing authority to issue any and all patents on said application or applications to TOSHIBA or its successors and assigns.

Any attorney of record for TOSHIBA, and its successors and assigns, at the direction of TOSHIBA, is authorized and requested by the execution of these assignments to insert into these assignments any further patent or patent application information in the blanks and check boxes above as necessary for recordation of this document.

IN WITNESS WHEREOF, the INVENTOR(S) has/have hereunto affixed his/her/their signatures on the date below written.

·)		JULIEN MARGETTS	
	(Signature)	(Type or Print Name)	(Date)
		(Residence Address)	
2)		HYOUN KWON JEONG	
	(Signature)	(Type or Print Name)	(Date)
		(Residence Address)	
3)	1 tolan	JONGHYEON KIM	8/10/2017
	(Signature)	(Type or Print Name)	(Date)
·	5747 CLEMATI	S DR #B SAN JOSE	CA 95124
		(<i>Residence</i> Address)	
N WITN	JESS WHEREOF, a representation of the signature on the <i>(Signature)</i>	ve of OCZ UK with authorization to make date below written. James Tout, GM UK	this assignment has (Date)
N WITN ereunto	IESS WHEREOF, a representation affixed his/her signature on the	ve of TAEC with authorization to make thi date below written.	s assignment has
	(Signature)	(Type or Print Name)	(Date)
	(Signature)	(Type or Print Name)	(Date)

PATENT REEL: 043390 FRAME: 0043

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