### 505633811 08/22/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5680617

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
TOSHIBA MEMORY AMERICA, INC.	05/21/2018

#### **RECEIVING PARTY DATA**

Name:	TOSHIBA MEMORY CORPORATION
Street Address:	1-1, SHIBAURA 1-CHOME
Internal Address:	MINATO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	105-8001

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16130757

### **CORRESPONDENCE DATA**

**Fax Number:** (202)672-5399

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:** 2026725300

**Email:** ipdocketing@foley.com, vmacmillan@foley.com

Correspondent Name: FOLEY & LARDNER LLP Address Line 1: 3000 K STREET, N.W.

Address Line 2: SUITE 600

Address Line 4: WASHINGTON, D.C. 20007

ATTORNEY DOCKET NUMBER:	117441-0116
NAME OF SUBMITTER:	VICTORIA MACMILLAN
SIGNATURE:	/Victoria MacMillan/
DATE SIGNED:	08/22/2019

### **Total Attachments: 6**

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PATENT 505633811 REEL: 050124 FRAME: 0095

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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):

 "Efficient Read-Flow by Inter-Cell Interference Decoupling for NAND Flash Memories" submitted on June 25, 2018, by Avi Steiner (collectively, the "INVENTOR(S)"):

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

AND METHOD	U.S. patent application executed on FOR HIGH PERFORMANCE SEQUENCE FOR NAND FLASH MEMORIES,"	herewith ITIAL READ BY DE	and entitled "SYST COUPLING OF INTER-	EM CELL
(b) 🖂	U.S. application no.	filed on		
(c) 🖂	International (e.g., PCT, JP) applicatio	n no.	filed on	ولسنند
(collectively	/, the "INVENTIONS");			

WHEREAS, OCZ Israel Limited ("OCZ ISRAEL"), an Israel corporation with its principal place of business at 24 Raul Wallenberg Street, Tel Aviv, 69719, Israel, desires to acquire all of the right, little and interest of Avi Steiner (hereinafter referred to as "OCZ ISRAEL INVENTOR(S)") in, to and under the INVENTIONS and OCZ ISRAEL further desires to transfer all such right, title and interest to Toshiba Memory America, Inc., (hereinafter referred to as "TMA") organized and existing under the laws of the United States, having a place for the transaction of business at 5231 California Avenue, Irvine, CA 92617.

WHEREAS, TMA desires to acquire all of the right, title and interest of OCZ ISRAEL and INVENTOR(S) in, to and under the INVENTIONS and TMA further desires to transfer all such right, title and interest to Toshiba Memory Corporation (hereinafter referred to as "TMC") 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, OCZ Israel INVENTORS hereby sell(s), assign(s) and transfer(s) to OCZ Israel 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");

THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, OCZ Israel hereby sells, assigns and transfers to TMA the entire right, title and interest to the ASSIGNED INVENTIONS;

OCZ ISRAEL INVENTOR(S) and OCZ ISRAEL hereby covenant that CCZ ISRAEL INVENTOR(S) and OCZ ISRAEL, respectively, has/have the full power to make this assignment, and that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment; and

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

And for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, TMA hereby sells, assigns and transfers to TMC the entire right, title and interest to the ASSIGNED INVENTIONS;

INVENTOR(S), OCZ ISRAEL and TMA authorize and request the issuing authority to issue any and all patents on said application or applications to TMC or its successors and assigns;

TMA hereby covenants that it has the full power to make this assignment, and that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment; and

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

e below written	<ul> <li>a 1 No. 10 The Control of Contr</li></ul>	heir signatures on the
ANGLE	Avi Steiner	9/7/20/
(Signature)	(Type or Print Name)	(Date)
4 Ha	brosh St., Kiriat Motzkin, Israel	
	(Residence Address)	
₩	the date below written.	
(Signature)	Oded Ilan, President	(Date)
(Signature)	Oded Ilan, President e of TMA with authorization to make thi	
(Signature)  VITNESS WHEREOF, a representative	Oded Ilan, President e of TMA with authorization to make thi	

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NUMBER REPORT	U.S. palent application executed on <u>h</u> FOR HIGH PERFORMANCE SEQUENT DE FOR NAND FLASH MEMORIES.*	nerewith and entitled *SYSTEM FIAL READ BY DECOUPLING OF INTER-CELL
(b) [	U.S. application no.	filed on
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IN WITNESS WHEREOF, the INVENTOR(S) has/have hereunto affixed his/her/their signatures on the

	Avi Steiner	
(Signature)	(Type or Print Name)	(Date)
	4 Habrosh St., Kiriat Motzkin, Israel	
	a croprosport, rensemblement, most	
	(Residence Address) sentative of OCZ ISRAEL with authorization to	n make this assignm
as hereunto affixed his/her signa	(Residence Address) sentative of OCZ ISRAEL with authorization to	nake this assignm
	(Residence Address) sentative of OCZ ISRAEL with authorization to	nake this assignm

(Signature) Rick Lin, IP Attorney (Date)

hereunto affixed his/her signature on the date below written.

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1)		Avi Steiner	
	(Signature)	(Type or Print Name)	(Date)
	4 Ha	brosh St., Kiriat Motzkin, Israel	
		(Residence Address)	
	NESS WHEREOF, a representative on affixed his/her signature on	re of OCZ ISRAEL with authorization to rethe date below written.	make this assignment
,	(Signature)	Oded Ilan, President	(Date)
	NESS WHEREOF, a representation of affixed his/her signature on the	ve of <b>TMA</b> with authorization to make this date below written.	assignment has
خو	-2>====		5-21-2019
,,,,,,,,,	(Signature)	Rick Lin, IP Attorney	(Date)

PATENT REEL: 050124 FRAME: 0102

**RECORDED: 08/22/2019**