

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4490245

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
KABUSHIKI KAISHA TOSHIBA		06/22/2017
RECEIVING PARTY DATA		
Name:	TOSHIBA MEMORY CORPORATION	
Street Address:	1-1, SHIBAURA 1-CHOME	
City:	MINATO-KU, TOKYO	
State/Country:	JAPAN	
Postal Code:	105-8001	
PROPERTY NUMBERS Total: 43		
Property Type	Number	
Application Number:	13541167	
Application Number:	14940186	
Application Number:	13423018	
Application Number:	14198668	
Application Number:	15225491	
Application Number:	14464223	
Application Number:	14958995	
Application Number:	15213537	
Application Number:	15427676	
Application Number:	14479736	
Application Number:	15298807	
Application Number:	14604818	
Application Number:	14610168	
Application Number:	14639084	
Application Number:	15440025	
Application Number:	14985969	
Application Number:	14844469	
Application Number:	14843545	
Application Number:	14828830	
Application Number:	14844356	

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Property Type	Number
Application Number:	15133523
Application Number:	15257138
Application Number:	15195482
Application Number:	15071006
Application Number:	15131704
Application Number:	15069482
Application Number:	15001991
Application Number:	15048120
Application Number:	15258675
Application Number:	14998379
Application Number:	15061470
Application Number:	15249970
Application Number:	15251554
Application Number:	15046841
Application Number:	15069534
Application Number:	15069360
Application Number:	15258275
Application Number:	15257406
Application Number:	15258559
Application Number:	15267924
Application Number:	15456033
Application Number:	15460438
Application Number:	15454618

CORRESPONDENCE DATA

Fax Number:

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.

Email: julianna.shin@finnegan.com

Correspondent Name: JOHN M MULCAHY

Address Line 1: 901 NEW YORK AVE, NW

Address Line 4: WASHINGTON, D.C. 20001

ATTORNEY DOCKET NUMBER:	09814.0999-00000
NAME OF SUBMITTER:	JULIANNA C. SHIN
SIGNATURE:	/julianna c. shin/
DATE SIGNED:	07/05/2017

Total Attachments: 2

source=09814-0999 Assignment to TMC#page1.tif

source=09814-0999 Assignment to TMC#page2.tif

ASSIGNMENT

WHEREAS, Kabushiki Kaisha Toshiba, a corporation of Japan, whose post office address is 1-1, Shibaura 1-Chome, Minato-Ku, Tokyo 105-8001, JAPAN (hereinafter referred to as "KKT"), owns by assignment, all right, title and interest in the U.S. patent(s) and/or patent application(s) listed in attached Exhibit A, and in any inventions claimed therein ("the patent properties"); and

WHEREAS, Toshiba Memory Corporation (hereinafter referred to as "Assignee") desires to own KKT's entire right, title, and interest in and to the patent properties and the inventions claimed therein;

NOW THEREFORE, be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, KKT hereby sells, assigns, transfers and sets over to Assignee, its lawful successors and assigns, KKT's entire right, title, and interest in and to the patent properties, the inventions claimed therein and all reissues, reexaminations and extensions thereof;

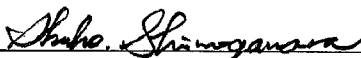
AND, KKT HEREBY further covenants that Assignees has the full right to convey the interest assigned by this Assignment, KKT will take all action and execute all documents necessary to perfect the interest assigned hereby, and KKT has not executed and will not execute any agreement in conflict with this Assignment;

AND, KKT HEREBY further covenants and agrees that KKT, through its officers and employees, will, without further consideration, communicate with the Assignee, its successors and assigns, any facts known to KKT and its officers and employees respecting the patent properties and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to the patent properties in Assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths, and generally do everything possible to aid the Assignee, its successors and assigns, to obtain and enforce the patent properties in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, each party has caused its authorized representative to execute this Assignment.

Kabushiki Kaisha Toshiba

Toshiba Memory Corporation

By: 

By: 

Name: Ikuko SHIMOAWARA

Name: Michihito HATSUMI

Title: General Manager, IP Division

Title: General Manager, IP Division

Date: June 22, 2017

Date: June 22, 2017

EXHIBIT A
U.S. PATENT APPLICATION NOS.

13/541,167
14/940,186
13/423,018
14/198,668
15/225,491
14/464,223
14/958,995
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15/427,676
14/479,736
15/298,807
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15/440,025
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14/844,469
14/843,545
14/828,830
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15/133,523
15/257,138
15/195,482
15/071,006
15/131,704
15/069,482
15/001,991
15/048,120
15/258,675
14/998,379
15/061,470
15/249,970
15/251,554
15/046,841
15/069,534
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