

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4777700

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KABUSHIKI KAISHA TOSHIBA	12/27/2017
RECEIVING PARTY DATA	
Name:	TOSHIBA MEMORY CORPORATION
Street Address:	1-1, SHIBAURA 1-CHOME
City:	MINATO-KU, TOKYO
State/Country:	JAPAN
Postal Code:	105-0023
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	15443299
Patent Number:	9858974
CORRESPONDENCE DATA	
Fax Number:	
<i>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.</i>	
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:	05225.0713-00000
NAME OF SUBMITTER:	JULIANNA C SHIN
SIGNATURE:	/Julianna C Shin/
DATE SIGNED:	01/16/2018
Total Attachments: 2	
source=Assignment_TMC05225-0713; 0717#page1.tif	
source=Assignment_TMC05225-0713; 0717#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 application and patent 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: *Ikuko ShimoGawara*

By: *[Signature]*

Name: Ikuko SHIMOGAWARA

Name: Michihito HATSUMI

Title: General Manager,

Title: General Manager,

Intellectual Property Division

Intellectual Property Division

Date: *Dec. 27, 2017*

Date: *Jan. 9, 2018*

TMC
TIPRS
US

EXHIBIT A

Application No. 15/443,299
Application No. 15/444,928 (U.S. Patent No. 9,858,974)