#### 11/03/2017 504626875

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4673593

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MASAYOSHI TAGAMI	10/04/2017
RYOTA KATSUMATA	10/06/2017
JUN IIJIMA	10/04/2017
TETSUYA SHIMIZU	10/04/2017
TAKAMASA USUI	10/09/2017
GENKI FUJITA	10/04/2017

#### **RECEIVING PARTY DATA**

Name:	TOSHIBA MEMORY CORPORATION
Street Address:	1-1, SHIBAURA 1-CHOME, MINATO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	105-0023

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15706017

#### **CORRESPONDENCE DATA**

Fax Number: (703)413-2220

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: (703) 413-3000 nmeyers@oblon.com Email: **Correspondent Name:** OBLON, ET AL. Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	507626US
NAME OF SUBMITTER:	NICKOLAS MEYERS
SIGNATURE:	/Nickolas Meyers/
DATE SIGNED:	11/03/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

**PATENT** REEL: 044031 FRAME: 0361

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### **Total Attachments: 6** source=507626US\_Assignment#page1.tif source=507626US\_Assignment#page2.tif source=507626US\_Assignment#page3.tif source=507626US\_Assignment#page4.tif

source=507626US\_Assignment#page5.tif source=507626US\_Assignment#page6.tif

Title of Invention MEMORY DEVICE
As the below named inventor, I hereby declare that:
This declaration  The attached application, or
is directed to: United States application or PCT international application number 15/706,017 filed on September 15, 2017
The above-identified application was made or authorized to be made by me.
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
WHEREAS, Toshiba Memory Corporation
(hereinafter referred to as "ASSIGNEE") having places of business at: 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-0023, Japan, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations substitutions and renewals thereof.
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
LEGAL NAME OF INVENTOR
Inventor: Masayoshi TAGAMI Date: Oct. 4, 20/7
- V / S

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

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LEGAL NAME OF INVENTOR
Inventor: Ryota KATSUMATA Date: Oct. 6, 2017
Signature: Party Water

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LEGAL NAME OF INVENTOR
Inventor: Jun IIJIMA Date: Oct. 4, 2017
Simplifier Odda - Viki.

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LEGAL NAME OF INVENTOR
Inventor: Tetsuya SHIMIZU Date: 2017, 10, 4
Simonum Teams & hings of

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LEGAL NAME OF	
Inventor: Takamas	Date: 6 c t / 09 / 20/7
Signature:	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW

1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

PATENT

REEL: 044031 FRAME: 0367

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LEGAL NAME OF INVENTOR
Inventor: Genki FUJITA Date: Oct . 4.2015
Simular Graft FUTTTA

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ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

PATENT REEL: 044031 FRAME: 0368

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