#### 502415600 07/11/2013

### PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### CONVEYING PARTY DATA

Name	Execution Date
Yoshiko KATO	06/10/2013
Tatsuya KATO	06/14/2013

### **RECEIVING PARTY DATA**

Name:	KABUSHIKI KAISHA TOSHIBA
Street Address:	1-1, Shibaura 1-chome, Minato-Ku
City:	Tokyo
State/Country:	JAPAN

### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13939375

#### **CORRESPONDENCE DATA**

Fax Number: 7034132220

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (703) 413-3000 Email: AAdams@oblon.com Correspondent Name: Oblon, Spivak, et al. Address Line 1: 1940 Duke Street

Alexandria, VIRGINIA 22314 Address Line 4:

ATTORNEY DOCKET NUMBER:	418967US20
NAME OF SUBMITTER:	Arielle Adams
Signature:	/Arielle Adams/
Date:	07/11/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

source=418967USASN#page1.tif source=418967USASN#page2.tif

> **PATENT REEL: 030777 FRAME: 0348**

502415600

## DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of	SEMICONDUCTOR MEMORY DEVICE	
Invention		
As the below name	d inventor, I hereby declare that:	
This declaration 🗵	This declaration \( \subseteq \) The attached application, or	
is directed to:	United States application or PCT international application number filed on	
The above-identific	ed 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.	
(hereinafter referre	oushiki Kaisha Toshiba d to as "ASSIGNEE") having places of business at: 1-1, Shibaura 1-chome, Minato-ku, Tokyo, of acquiring the entire right, title and interest in and to said invention and in and to any Letters granted therefore in the United States and its territorial possessions and in any and all foreign	
acknowledged, and said ASSIGNEE, t and in all foreign of other relevant Inte- interest in and to	FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby if for other good and valuable consideration, I, by these presents do sell, assign and transfer unto the full and exclusive right to the said invention in the United States and its territorial possessions countries (including the right to claim priority under the terms of the International Convention and mational Treaties and Arrangements from the aforesaid application) and the entire right, title and any and all Letters Patent which may be granted therefor in the United States and its territorial any and all foreign countries and in and to any and all divisions, reissues, continuations, enewals thereof.	
any and all foreign assignee of my ent (his) successors an	ize and request the Patent Office Officials in the United States and its territorial possessions and a countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the fire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its id assigns, to the full end of the term for which said Letters Patent may be granted, as fully and e would have been held by me had this Assignment and sale not been made.	
respecting said in continuation, substail of said Letters possible to aid sai	that I will communicate to said ASSIGNBE or its (his) representatives any facts known to me vention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, itute, renewal and reissue applications, execute all necessary assignment papers to cause any and Patent to be issued to said ASSIGNBE, make all rightful oaths, and, generally do everything d ASSIGNBE, its (his) successors and assigns, to obtain and enforce proper protection for said nited States and its territorial possessions and in any and all foreign countries.	
by fine or imprisor	wledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 ament of not more than five (5) years, or both.	
LEGAL NAME O		
Inventor: Yoshik	0 KATO Date: June 10, 20/3	
Signature:	Yoshiko Kato	

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

PATENT REEL: 030777 FRAME: 0349

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

SEMICONDUCTOR MEMORY DEVICE

Title of

Invention
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 filed on
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, Kabushiki Kaisha Toshiba  (hereinafter referred to as "ASSIGNEE") having places of business at: 1-1, Shibaura 1-chome, Minato-ku, Tokyo, 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: Tatsuya KATO Date: June 14, 2013
Signature: Tatsyyo, Kato

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

PATENT REEL: 030777 FRAME: 0350

**RECORDED: 07/11/2013**