PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3493743

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOMOAKI INOKUCHI	07/16/2015
MIZUE ISHIKAWA	07/24/2015
HIDEYUKI SUGIYAMA	07/21/2015
YOSHIAKI SAITO	07/16/2015
TETSUFUMI TANAMOTO	07/28/2015

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:	14832520

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.

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

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	458617US20RD CONT
NAME OF SUBMITTER:	ALLISON B. DAVIS
SIGNATURE:	/ALLISON B. DAVIS/
DATE SIGNED:	08/21/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 5

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Title of Invention	RESISTIVE CHANGE MEMORY
As the below named in	nventor, I hereby declare that:
is directed to: U U	he attached application, or nited States application or PCT international application number
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.
having a place of but entire right, title and in the United States a	JSHIKI KAISHA TOSHIBA (hereinafter referred to as "ASSIGNEE") siness at: 1-1, Shibaura 1-Chome, Minato-Ku, Tokyo, Japan is desirous of acquiring the interest in and to said invention and in and to any Letters Patent that may be granted therefore and its territorial possessions and in any and all foreign countries;
NOW, THEREFO acknowledged, and for said ASSIGNEE, the and in all foreign cou- other relevant Interna- interest in and to any possessions and in substitutions and ren-	or other good and valuable consideration, I, by these presents do sell, assign and transfer unto full and exclusive right to the said invention in the United States and its territorial possessions intries (including the right to claim priority under the terms of the International Convention and attional Treaties and Arrangements from the aforesaid application) and the entire right, title and y 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, eyels thereof.
any and all foreign assignee of my entire (his) successors and	e and request the Patent Office Officials in the United States and its territorial possessions and countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the e right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its assigns, to the full end of the term for which said Letters Patent may be granted, as fully and would have been held by me had this Assignment and sale not been made.
Further, I agree to respecting said invocontinuation, substituted all of said Letters I possible to aid said invention in the Uni	that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me ention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, ute, renewal and reissue applications, execute all necessary assignment papers to cause any and Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said ted States and its territorial possessions and in any and all foreign countries.
I hereby acknow 1001 by fine or imp	reledge that any willful false statement made in this declaration is punishable under 18 U.S.C. risonment of not more than five (5) years, or both.
LEGAL NAME OF	
Inventor: Tomoaki	NOKUCHI Date: July 16, 2015
Signature: Tow	vahi Inopuchi

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

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As the below named in	ventor, I hereby declare that:
This declaration The attached application, or is directed to: United States application or PCT international application number	
	pplication 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 a place 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.	
respecting said inve- continuation, substitu- all of said Letters P possible to aid said invention in the Unit	nat I will communicate to said ASSIGNEE or its (his) representatives any facts known to me nation, and testify in any legal proceeding, sign all lawful papers, execute all divisional, atte, renewal and reissue applications, execute all necessary assignment papers to cause any and attent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said and ed 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: Mizue ISH	IKAWA Date: July 24, 2015
Signature: Mizul Ishikowa	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
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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.		
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LEGAL NAME OF	· · · · · · · · · · · · · · · · · · ·	
Inventor: Hideyuki S	SUGIYAMA Date: July 21, 2015	
	ryuki Sugiyama	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
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LEGAL NAME OF	INVENTOR
Inventor: Yoshiaki S	Date: July 16, 2015 South
Signature:	Johnah Stower

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

ALEXANDRIA, VIRGINIA 22314

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This declaration The attached application, or is directed to: United States application or PCT international application number filed on	
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LEGAL NAME OF I	NVENTOR
Inventor: Tetsufumi TANAMOTO Date: Aug. al, 2015 Signature: Tetsufumi Sanamoto	
Signature:	sufumi Janamolo

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

ALEXANDRIA, VIRGINIA 22314

PATENT REEL: 036393 FRAME: 0326

RECORDED: 08/21/2015