

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4390937

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KEIICHI SAWA	04/17/2017
SHINJI MORI	04/17/2017
MASAYUKI TANAKA	04/17/2017
KENICHIRO TORATANI	04/17/2017
TAKASHI FURUHASHI	04/17/2017
RECEIVING PARTY DATA	
Name:	KABUSHIKI KAISHA TOSHIBA
Street Address:	1-1, SHIBAURA 1-CHOME
Internal Address:	MINATO-KU
City:	TOKYO
State/Country:	JAPAN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15454618
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>	
Phone:	202.216.5446
Email:	toni.hancock@finnegan.com
Correspondent Name:	FINNEGAN HENDERSON
Address Line 1:	901 NEW YORK AVE
Address Line 4:	WASHINGTON, D.C. 20001
ATTORNEY DOCKET NUMBER:	09814.0341-00000
NAME OF SUBMITTER:	TONI J. HANCOCK
SIGNATURE:	/TONI J. HANCOCK /
DATE SIGNED:	04/28/2017
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 4	

source=ASSIGNMENT#page1.tif

source=ASSIGNMENT#page2.tif

source=ASSIGNMENT#page3.tif

source=ASSIGNMENT#page4.tif

HYUGAJI & Associates

Patents, Trademarks, Designs

Masahiko HYUGAJI

Patent attorney

*Nisseki Yokohama Bldg., 1-8, Sakuragicho 1-chome,
Naka-ku, Yokohama-shi, Kanagawa 231-8966 JAPAN*

TEL: 81-45-226-2365 / FAX: 81-45-226-2366

E-mail: info@hyugaji-ip.com

Mr. John M. Mulcahy

Finnegan, Henderson, Farabow, Garrett & Dunner, LLP

901 New York Avenue, N.W.

Washington, D.C. 20001-4413

U.S.A.

VIA GigaCC

April 20, 2017

Re: U.S. Patent Application No. 15/454,618

Your Ref: 09814.0341

TOSHIBA's Ref: MJG90099101-US-A(Old Ref: AMG90099101-US-A)

Our Ref: 13572US

Dear Mr. Mulcahy,

We enclose herewith executed "Declaration and Assignment" (Number of Inventor(s): 5 / 2 sheets). We would be grateful if you would take an appropriate procedure in order to file it with the United States Patent and Trademark Office (USPTO) at your earliest convenience.

Further, we also enclose herewith a copy/copies of reference(s), which our client is aware of. We would be grateful if you would prepare and file an Information Disclosure Statement with the United States Patent and Trademark Office as soon as possible.

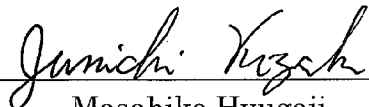
<div>IDS</div>	Enclosed	To Follow
1. United States Patent Publication No.2013-264626 A1* (* This case corresponds to Japanese Patent Disclosure (Kokai) No.2013-219239.)	--	--

If you have any comments and/or questions, please contact us.

With best regards,

HYUGAJI & Associates
Mr. John M. Mulcahy
April 20, 2017
Page 2

Sincerely yours,

A handwritten signature in cursive script, appearing to read "Masahiko Hyugaji", written over a horizontal line.

Masahiko Hyugaji
HYUGAJI & Associates

for

Encls. : as mentioned

ASSIGNMENT AND DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION

WHEREAS I/We, the below named inventor(s), (hereinafter referred to as Assignor(s)), of a claimed invention in an application for United States Letters Patent entitled:

NONVOLATILE SEMICONDUCTOR MEMORY DEVICE AND METHOD FOR MANUFACTURING THE SAME

filed herewith or on March 9, 2017 as United States Application No. 15/454,618 (Confirmation No. _____) attached hereto and/or PCT International Application No. _____; and

WHEREAS, Kabushiki Kaisha Toshiba
a corporation of JAPAN

whose post office address is 1-1, Shibaura 1-chome, Minato-ku, Tokyo, JAPAN

(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/WE, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Director of the United States Patent and Trademark Office to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention 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 this invention in said Assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention 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.

AND, I/WE HEREBY authorize and request that the attorneys having Power of Attorney in this application, insert here in parentheses (Application No. _____, filed _____), the filing date and application number of said application when known.

As a named inventor below, I hereby declare that: (1) This declaration is directed to the above-identified application; (2) the above-identified application was made or authorized to be made by me; (3) my residence and mailing address are as stated below next to my name; and (4) I believe I am an original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statements made in this declaration are punishable by fine or imprisonment of not more than five (5) years, or both, under section 1001 of Title 18 of the United States Code.

As a below named inventor, I have reviewed and understand the contents of the application, including the claims, and am aware of the duty to disclose to the USPTO all information known to me to be material to patentability as defined in 37C.F.R. § 1.56.

Authorization To Permit Access To Application by Participating Offices:

☐ If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified patent application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the Applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified application is filed to have access to the above identified patent application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the above-identified patent application with respect to: 1) the above-identified patent application-as-filed; 2) any foreign application to which the above-identified patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application; and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Keiichi SAWA	ASSIGNOR'S SIGNATURE <i>Keiichi Sawa</i>	DATE <i>Apr. 17, 2017</i>
MAILING ADDRESS c/o IP Div. Toshiba Corp. (K. K. TOSHIBA), 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan		RESIDENCE Yokkaichi Mie JAPAN
2. FULL NAME OF SECOND ASSIGNOR Shinji MORI	ASSIGNOR'S SIGNATURE <i>Shinji Mori</i>	DATE <i>Apr. 17, 2017</i>
MAILING ADDRESS c/o IP Div. Toshiba Corp. (K. K. TOSHIBA), 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan		RESIDENCE Yokkaichi Mie JAPAN
3. FULL NAME OF THIRD ASSIGNOR Masayuki TANAKA	ASSIGNOR'S SIGNATURE <i>Masayuki Tanaka</i>	DATE <i>Apr. 17, 2017</i>
MAILING ADDRESS c/o IP Div. Toshiba Corp. (K. K. TOSHIBA), 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan		RESIDENCE Yokkaichi Mie JAPAN
4. FULL NAME OF FOURTH ASSIGNOR Kenichiro TORATANI	ASSIGNOR'S SIGNATURE <i>Kenichiro Toratani</i>	DATE <i>Apr. 17, 2017</i>
MAILING ADDRESS c/o IP Div. Toshiba Corp. (K. K. TOSHIBA), 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan		RESIDENCE Kuwana Mie JAPAN
5. FULL NAME OF FIFTH ASSIGNOR Takashi FURUHASHI	ASSIGNOR'S SIGNATURE <i>Takashi Furuhashi</i>	DATE <i>Apr. 17, 2017</i>
MAILING ADDRESS c/o IP Div. Toshiba Corp. (K. K. TOSHIBA), 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan		RESIDENCE Kuwana Mie JAPAN