504169329 01/09/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4216007

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SATOSHI NAGASHIMA	11/02/2016
KATSUMI YAMAMOTO	11/08/2016
KOHEI SAKAIKE	11/20/2016
TATSUYA KATO	11/07/2016
KEISUKE KIKUTANI	11/07/2016
FUMITAKA ARAI	11/07/2016
ATSUSHI MURAKOSHI	11/08/2016
SHUNICHI TAKEUCHI	11/09/2016
KATSUYUKI SEKINE	11/02/2016

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:	15268126

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

Email: mvukovic@oblon.com

Correspondent Name: OBLON, ET AL.

Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	477166US
NAME OF SUBMITTER:	MARA VUKOVIC
SIGNATURE:	/Mara Vukovic/

PATENT REEL: 040902 FRAME: 0001

504169329

DATE SIGNED:	01/09/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 9	
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source=477166USASSN#page9.tif	

Title of Invention	SEMICONDUCTOR MEMORY DEVICE AND METHOD FOR MANUFACTURING SAME	
As the below name	d inventor, I hereby declare that:	
This declaration	This declaration [] The attached application, or	
is directed to:	United States application or PCT international application number 15/268,126 filed on September 16, 2016	
The above-identifie	d application was made or authorized to be made by me.	
I believe that I am t	he original inventor or an original joint inventor of a claimed invention in the application.	
(hereinafter referred Japan, is desirous	ushiki 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, the and in all foreign contact in the other relevant Inter- interest in and to a	FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby for other good and valuable consideration, I, by these presents do sell, assign and transfer unto be 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 national Treaties and Arrangements from the aforesaid application) and the entire right, title and my 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, newals thereof.	
any and all foreign assignee of my enti (his) successors and	ze 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 re right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its d 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.	
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	ledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 nent of not more than five (5) years, or both.	
LEGAL NAME OF	·	
Inventor: Satoshi	NAGASHIMA Date: Nov., 2, 2016	
Signature: Su	toshi Nagashima	

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

ALEXANDRIA, VIRGINIA 22314

1048100347

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LEGAL NAME OF INVENTOR	
Inventor: Katsumi YAMAMOTO Date: Nov. 8, 2016	
Signature: Katsum; Yamamoto	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
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by fine or imprisonn	ledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 nent of not more than five (5) years, or both.	
LEGAL NAME OF	INVENTOR	
Inventor: Kohei S.		
Signature:	Kohei Inhalke.	

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: Tatsuya K		
Signature: Jils	uya Kate	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
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SEMICONDUCTOR MEMORY DEVICE AND METHOD FOR

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LEGAL NAME OF INVENTOR	
Inventor: Keisuke KIKUTANI Date: Nov. 7, 2016	
Signature: Keisuke Kikutami	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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LEGAL NAME OF		
Inventor: Fumital	ka ARAI Date: <u>Nov. 7, 20/6</u>	
Signature:	Funitaka arai	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

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LEGAL NAME OF INVENTOR		
Inventor: Atsushi		
Signature: Atsnishi MuradiaSm		

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

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LEGAL NAME OF		
Inventor: Shunich	i TAKEUCHI Date: Nov. 9, 2016	
Signature:	Shank Takenh	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

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LEGAL NAME OF	INVENTOR	
Inventor: Katsuyı	uki SEKINE Date: Nov. 2. 2016	
Signature: <u>Hali</u>	uyuki lekini	

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PATENT REEL: 040902 FRAME: 0011

RECORDED: 01/09/2017

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