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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4300160

SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	
CONVEYING PARTY	Υ DATA		
Name			Execution Date
TOSHIFUMI MINAMI			02/22/2017
HIROYUKI MAEDA			02/22/2017
Name:		KABUSHIKI KAISHA TOSHIBA	
RECEIVING PARTY			
Street Address:	1-1.5	1-1, SHIBAURA 1-CHOME, MINATO-KU	
City:		ΤΟΚΥΟ	
State/Country:	JAPA	JAPAN	
Postal Code:	105-8	001	
PROPERTY NUMBE	RS Total:	1	
Property Ty	ре	Number	
	r:	15448015	

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:	saahmed@oblon.com
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ATTORNEY DOCKET NUMBER:	501670US
NAME OF SUBMITTER:	SARFARAZ AHMED
SIGNATURE:	/Sarfaraz Ahmed/
DATE SIGNED:	03/02/2017
Total Attachments: 2	

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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 Invention	SEMICONDUCTOR DEVICE
As the below n	amed inventor, I hereby declare that:
This declaratio	n 🗹 The attached application, or
is directed to:	United States application or PCT international application number
	filed on
The above-ider	tified 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, B	ABUSHIKI KAISHA TOSHIBA
(hereinafter ref	erred to as "ASSIGNEE") having places of business at: 1-1, Shibaura 1-chome, Minato-ku,

Tokyo 105-8001, 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: (1) Toshifumi Minami	Date: Feb 122, 2017
Signature: To chi fun Minami	

	AMG90096142-US-A (16F0579)
SUPPLEMENTAL SHEET FOR DECLARATION	ADDITIONAL INVENTOR(8) Supplemental Sheet(for PTO/ALA/US,09) Page 2_of 2
Legal Name of Additional Joint Inventor, if any	
(2) Hiroyuki Maeda	
Signature Hivoyuki Marda	Date(Optional) heb. 22,20

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RECORDED: 03/02/2017

PATENT REEL: 041444 FRAME: 0425