# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
KENSUKE YAMAMOTO	02/12/2019
KOSUKE YANAGIDAIRA	02/12/2019
FUMIYA WATANABE	02/13/2019
SHOUICHI OZAKI	02/12/2019

### **RECEIVING PARTY DATA**

Name:	TOSHIBA MEMORY CORPORATION	
Street Address:	1-1, SHIBAURA 1-CHOME	
City:	MINATO-KU, TOKYO	
State/Country:	JAPAN	
Postal Code:	105-0023	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16280323

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	19053	
NAME OF SUBMITTER:	AMIT KULKARNI	
SIGNATURE:	/ak/	
<b>DATE SIGNED:</b> 02/20/2019		
	This document serves as an Oath/Declaration (37 CFR 1.63).	

**Total Attachments: 2** 

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PATENT REEL: 048383 FRAME: 0179

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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	NONVOLATILE MEMORY AND MEMORY SYSTEM		
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-ide	atified 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, T	bshiba Memory Corporation		
(hereinafter referred to as "ASSIGNEE") having places of business at: 1-1, Shibaura 1-chome, Minato-ku, Tokyo, 105-0023, 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) Kensuke Yamamoto Date: Feb. 12, 2019			
Signature: Kensuke Yamamoto			

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## MJG10016113-US-A (18F0644)

SUPPLEMENTAL SHEET FOR DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet(for PTO/AIA/08,09) Page 2 of 2	
Legal Name of Additional Joint Inventor, if any		
(2) Kosuke Yanagidaira		
Inventor's Signature Kosuke Yauqqidalka	Date(Optional) Feb. 12 1201)	
Legal Name of Additional Joint Inventor, if any		
(3) Fumiya Watanabe		
Inventor's Signature Fum'ya Watanabe	Date(Optional) feb. 19 . 2019	
Legal Name of Additional Joint Inventor, if any		
(4) Shouichi Ozaki		
Inventor's Shovichi Ozaki	Date(Optional) Feb. 12.2019	

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**RECORDED: 02/20/2019**