PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5711678

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUTAKA SHIRAI	09/03/2019

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:	16566694

CORRESPONDENCE DATA

Fax Number: (202)672-5399

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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Address Line 2: SUITE 600

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ATTORNEY DOCKET NUMBER:	016907-2192
NAME OF SUBMITTER:	KANDIE PREDMORE FOR PAVAN AGARWAL
SIGNATURE:	/Kandie Predmore/
DATE SIGNED:	09/10/2019

Total Attachments: 1

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PATENT 505664871 REEL: 050331 FRAME: 0897

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	MEMORY DEVICE	
As the below n	As the below named 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	ntified 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	oshiba Memory Corporation	
Tokyo, 105-0 is desirous of a	erred to as "ASSIGNEE") having places of business at: 1-1, Shibaura 1-chome, Minato-ku, 1023, Japan equiring the entire right, title and interest in and to said invention and in and to any Letters Patent and therefore in the United States and its territorial possessions and in any and all foreign	
acknowledged, said ASSIGNI possessions an Convention an entire right, titl and its territor	REFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto EE, the full and exclusive right to the said invention in the United States and its territorial d in all foreign countries (including the right to claim priority under the terms of the International d other relevant International Treaties and Arrangements from the aforesaid application) and the e and interest in and to any and all Letters Patent which may be granted therefor in the United States ial possessions and in any and all foreign countries and in and to any and all divisions, reissues, substitutions and renewals thereof.	
any and all for assignee of my (his) successor	norize and request the Patent Office Officials in the United States and its territorial possessions and eign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its s and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and 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.		
1 nereby acknowledge that any willful raise 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)	Yutaka Shirai Date: Sep. 3, 2019 Yutaka Shirai	
Signature:	Gutaka Shirai	

PATENT REEL: 050331 FRAME: 0898

RECORDED: 09/10/2019