506338426 11/04/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6385179

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAISUKE HAGISHIMA	10/20/2020
FUMITAKA ARAI	10/12/2020
KEIJI HOSOTANI	10/13/2020
MASAKI KONDO	10/12/2020

RECEIVING PARTY DATA

Name:	KIOXIA CORPORATION
Street Address:	1-21, SHIBAURA 3-CHOME, MINATO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	108-0023

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17016909

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.

(703) 413-3000 Phone: Email: acooley@oblon.com **Correspondent Name:** OBLON, ET AL. Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	532665US
NAME OF SUBMITTER:	ALI COOLEY
SIGNATURE:	/Ali Cooley/
DATE SIGNED:	11/04/2020

Total Attachments: 4

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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

Invention	SEMICONDUCTOR MEMORY DEVICE	
As the below n	arned inventor, I hereby declare that:	
This declaration	The attached application, or	
is directed to:	✓ United States application or PCT international application number 17/016, 909 filed on September 10, 2020	
The above-iden	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, K	ioxia Corporation	
Tokyo, 108-0 is desirous of a	erred to as "ASSIGNEE") having places of business at: 1-21, Shibaura 3-chome, Minato-ku, 023, 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	
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		
	Daisuke Hagishima Date: Oct 20 2020 Daisuke Hagishima	
Signature: Daisuke Hagishina		

MJG82000629-US-A (20F0183)

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) Fumitaka Arai		
Inventor's Funitaka Anai	Date(Optio	Oct. 12, 2020
Legal Name of Additional Joint Inventor, if any		
(3) Keiji Hosotani		
Inventor's		
Signature	Date(Optio	nal)
Legal Name of Additional Joint Inventor, if any		
(4) Masaki Kondo		
Inventor's		
Signature	Date(Optio	nal)

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SUPPLEMENTAL SHEET FOR DECLARATION	Supplemental Sheet(for PTO/AIA/08,09)	Page	2 (o f	2
CUDDI EMENTAL CHERONOD DECLARATION	ADDITIONAL INVENTOR(S)				

Legal Name of Additional Joint Inventor, if any	
(2) Fumitaka Arai	
Inventor's	ļ
Signature	Date(Optional)
Legal Name of Additional Joint Inventor, if any	-
(3) Keiji Hosotani	
Inventor's	Oct. 13, 2020 Date(Optional)
Signature Key Los land	Date(Optional)
Legal Name of Additional Joint Inventor, if any	
(4) Masaki Kondo	
Inventor's	
Signature Date(Optional)	

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Legal Name of Additional Joint Inventor, if any		
(2) Fumitaka Arai		
Inventor's		
Signature	Date(Optional)	
Legal Name of Additional Joint Inventor, if any		
(3) Keiji Hosotani		
Inventor's		
Signature Date(Optional)		
Legal Name of Additional Joint Inventor, if any		
(4) Masaki Kondo		
Inventor's Signature Masaki Kondo	Oct. 12, 2020 Date(Optional)	

PATENT REEL: 054274 FRAME: 0123

RECORDED: 11/04/2020