505935737 02/26/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5982457

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TETSUYA YAMASHITA	02/12/2020
TAKUYO NAKAYAMA	02/12/2020
TAKASHI ICHIKAWA	02/12/2020
TADAYOSHI UECHI	02/12/2020
TAKASHI IZUMIDA	02/12/2020

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:	16801312

CORRESPONDENCE DATA

Fax Number: (703)413-2220

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ATTORNEY DOCKET NUMBER:	528812US	
NAME OF SUBMITTER:	MAKEDA STEWART	
SIGNATURE:	/Makeda Stewart/	
DATE SIGNED:	02/26/2020	

Total Attachments: 2 source=ASN#page1.tif

> **PATENT** REEL: 051931 FRAME: 0205

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PATENT REEL: 051931 FRAME: 0206

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 MEMORY DEVICE	
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	
	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, K	Cioxia Corporation	
Tokyo 108-0	Gerred to as "ASSIGNEE") having places of business at: 1-21, Shibaura 3-chome, Minato-ku, 1023, 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		
	Tetsuya Yamashita Date: Feb. /2, 2020	
Signature: Tetsuya Yumashita		

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MJG10024290-US-A (19F0582)

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) Takuyo Nakayama		
Inventor's Sakuyo Nakaryama	Feb. 12. Dats(Options	. 2 <i>0</i> 20 w
Legal Name of Additional Joint Inventor, if any		
(3) Takashi Ichikawa		
Inventor's Johnson Polytham	Date Options	2,2020
Legal Name of Additional Joint Inventor, if any		· · · · · · · · · · · · · · · · · · ·
(4) Tadayoshi Uechi		
Inventor's Signature Tadayoshi Vechi	Feb 12 Date(Option	2. 2020 al)
Legal Name of Additional Joint Inventor, if any		
(5) Takashi Izumida		
Inventor's Jakashi Jaumida	Feb. /2 Date(Option	. 2020. al)

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RECORDED: 02/26/2020