507548706 10/18/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7595597

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAISUKE YASHIMA	11/15/2021
KOHEI OIKAWA	11/17/2021
SHO KODAMA	10/06/2021
KEIRI NAKANISHI	10/06/2021
MASATO SUMIYOSHI	10/27/2021
YOUHEI FUKAZAWA	10/27/2021
ZHEYE WANG	10/27/2021
TAKASHI MIURA	11/19/2021

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17472431

CORRESPONDENCE DATA

Fax Number: (202)683-3999

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: 2026833800

Email: aopatents@allenovery.com, docketing.allenovery@clarivate.com

Correspondent Name: ALLEN & OVERY LLP
Address Line 1: 1101 NEW YORK AVE NW

Address Line 2: DAVID M. TENNANT

Address Line 4: WASHINGTON, D.C. 20005

ATTORNEY DOCKET NUMBER: 0137277-0000002-026-101

NAME OF SUBMITTER: DAVID M. TENNANT

SIGNATURE: /David M. Tennant/

DATE SIGNED:	10/18/2022	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 8	•	
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source=0137277-0000002-026-101 Assignment#page2.tif		
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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	CHARACTER STRING SEARCH DEVICE AND MEMORY SYSTEM	
As the below n	amed inventor, I hereby declare that:	
This declaration		
is directed to:	United States application or PCT international application number	
17/472,431	filed on September 10,2021 (If any).	
The above-iden	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, <u>Kioxia Corporation</u> (hereinafter referred to as "ASSIGNEE") having places of business at: <u>1·21</u> , <u>Shibaura 3-chome</u> , <u>Minato-ku</u> , <u>Tokyo 108·0023</u> , <u>Japan</u> , 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;		
acknowledged, said ASSIGNE and in all foreig other relevant I interest in and possessions an	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 E, the full and exclusive right to the said invention in the United States and its territorial possessions on countries (including the right to claim priority under the terms of the International Convention and international Treaties and Arrangements from the aforesaid application) and the entire right, title and to any and all Letters Patent which may be granted therefor in the United States and its territorial d in any and all foreign countries and in and to any and all divisions, reissues, continuations, and renewals thereof.	
any and all for assignce of my (his) successors	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 sand 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.	
respecting said continuation, so all of said Lett possible to aid	ree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, obstitute, renewal and reissue applications, execute all necessary assignment papers to cause any and ers Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said a United States and its territorial possessions and in any and all foreign countries.	
	nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 isonment of not more than five (5) years, or both.	
	OF INVENTOR	
Inventor:I	Daisuke Yashima Date: Nov. 15, 202/ Daisuke Yashima	
Signature:	Dajouke Jashima	

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any and all for assignee of my (his) successor	horize and request the Patent Office Officials in the United States and its territorial possessions and reign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the rentire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its 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. 1001 by fine or imprisonment of not more than five (5) years, or both.		
LEGAL NAM	E OF INVENTOR	
	Kohei Oikawa Date: Nov 17, 202	
Signature:	Kohei Oika wa	

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	CHARACTER STRING SEARCH DEVICE AND MEMORY SYSTEM	
As the below named inventor, I hereby declare that: This declaration		
17/472,431	filed on September 10,2021 (If any).	
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.	
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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.		
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.	
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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: Sho Kodama Date: Oct 6, 202/		
Signature: Mo (Codnhag		

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	CHARACTER STRING SEARCH DEVICE AND MEMORY SYSTEM	
As the below n This declaratio is directed to: 17/472,431	named inventor, I hereby declare that: The attached application, or United States application or PCT international application number filed on September 10,2021 (If any)	
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LEGAL NAM	E OF INVENTOR	
Inventor:	Keiri Nakanishi Date: October 6,2021	
Signature:		

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

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	OF INVENTOR	
	Masato Sumiyoshi Date: Cctober 27, 2021 Masato Simiyoshi	
Signature:	Masceta Simiyoshi	

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LEGAL NAME OF INVENTOR			
}	ouhei Fukazawa Date: Oct, 27, 2021		
Signature:	onhei Fekazawa		

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	E OF INVENTOR	
Inventor:	Cheye Wang Date: Octobor, 27, 202	
Signature:	Zheye Wang	

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LEGAL NAME OF INVENTOR	
Inventor: Takashi Miura Date: Nov . 19, Zo2	
Signature: Tokashi Miura	

PATENT REEL: 061450 FRAME: 0216

RECORDED: 10/18/2022