PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAIKI KIRIBUCHI	03/25/2020
TAKEICHIRO NISHIKAWA	03/23/2020
HIDETAKA EGUCHI	03/24/2020

RECEIVING PARTY DATA

Name:	KABUSHIKI KAISHA TOSHIBA
Street Address:	1-1, SHIBAURA 1-CHOME
City:	MINATO-KU, TOKYO
State/Country:	JAPAN
Name:	KIOXIA CORPORATION
Name: Street Address:	KIOXIA CORPORATION 1-21, SHIBAURA 3-CHOME

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16818264

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.

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

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 529249US

NAME OF SUBMITTER: JOAQUIN AGUDELO

SIGNATURE: /Joaquin Agudelo/

DATE SIGNED: 05/27/2020

Total Attachments: 3

PATENT REEL: 052762 FRAME: 0572

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> PATENT REEL: 052762 FRAME: 0573

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	TEST CIRCUIT AND TEST METHOD	
As the below named inve	entor, I hereby declare that:	
This declaration The attached application, or is directed to: United States application or PCT international application number		
The above-identified app	The above-identified 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.		
"ASSIGNEE") having Shibaura 3-Chome, Mina	HIKI KAISHA TOSHIBA and Kioxia Corporation (hereinafter referred to as a place of business at: 1-1, Shibaura 1-Chome, Minato-Ku, Tokyo, Japan, and 1-21, to-Ku, Tokyo, Japan is desirous of acquiring the entire right, title and interest in and to said any Letters Patent that may be granted therefore in the United States and its territorial and all foreign countries;	
acknowledged, and for of said ASSIGNEE, the full and in all foreign countri- other relevant Internation interest in and to any an	, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby ther good and valuable consideration, I, by these presents do sell, assign and transfer unto and exclusive right to the said invention in the United States and its territorial possessions es (including the right to claim priority under the terms of the International Convention and hal Treaties and Arrangements from the aforesaid application) and the entire right, title and dall Letters Patent which may be granted therefor in the United States and its territorial and all foreign countries and in and to any and all divisions, reissues, continuations, is 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.		
	e that any willful false statement made in this declaration is punishable under 18 U.S.C. ment of not more than five (5) years, or both.	
LEGAL NAME OF INVENTOR		
Inventor: Daiki KIRIBUCHI Date: March 25, 2020		
Signature: Daiki	Kiribochi	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

PATENT REEL: 052762 FRAME: 0574

Toshiba's Ref: 13G10014157-US-A

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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This declaration The		
is directed to: Unite	ed States application or PCT international application number on	
The above-identified appl	lication was made or authorized to be made by me.	
I believe that I am the original	ginal inventor or an original joint inventor of a claimed invention in the application.	
"ASSIGNEE") having Shibaura 3-Chome, Mina	IIKI KAISHA TOSHIBA and Kioxia Corporation (hereinafter referred to as a place of business at: 1-1, Shibaura 1-Chome, Minato-Ku, Tokyo, Japan, and 1-21, to-Ku, Tokyo, Japan is desirous of acquiring the entire right, title and interest in and to said any Letters Patent that may be granted therefore in the United States and its territorial dall foreign countries;	
acknowledged, and for ot said ASSIGNEE, the full and in all foreign countrie other relevant Internation interest in and to any and	in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby ther good and valuable consideration, I, by these presents do sell, assign and transfer unto and exclusive right to the said invention in the United States and its territorial possessions is (including the right to claim priority under the terms of the International Convention and all Treaties and Arrangements from the aforesaid application) and the entire right, title and deall Letters Patent which may be granted therefor in the United States and its territorial and all foreign countries and in and to any and all divisions, reissues, continuations, as 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.		
	that any willful false statement made in this declaration is punishable under 18 U.S.C. nent of not more than five (5) years, or both.	
LEGAL NAME OF INVE	ENTOR	
Inventor: Takeichiro NIS	HIKAWA Date: 2020/3/23	
	ero Nishikawa	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

PATENT REEL: 052762 FRAME: 0575

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	TEST CIRCUIT AND TEST METHOD	
As the below named inve	entor, 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-identified application was made or authorized to be made by me.		
I believe that I am the or	iginal inventor or an original joint inventor of a claimed invention in the application.	
WHEREAS, KABUSHIKI KAISHA TOSHIBA and Kioxia Corporation (hereinafter referred to as "ASSIGNEE") having a place of business at: 1-1, Shibaura 1-Chome, Minato-Ku, Tokyo, Japan, and 1-21, Shibaura 3-Chome, Minato-Ku, Tokyo, 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 INV	ENTOR	
Inventor: Hidetaka EGUCHI Date: Mar 24, 2020 Signature: John Canada		
Signature: 1/diletaka Gguchi		

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

PATENT REEL: 052762 FRAME: 0576

RECORDED: 05/27/2020