505471938 05/13/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5518741

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MEGUMI YAKABE	04/12/2019
YASUSHI NAKASAKI	04/12/2019
TADAOMI DAIBOU	04/12/2019
TADASHI KAI	04/12/2019
JUNICHI ITO	04/12/2019
MASAHIRO KOIKE	04/12/2019
SHOGO ITAI	04/12/2019
TAKAMITSU ISHIHARA	05/08/2019

RECEIVING PARTY DATA

Name:	TOSHIBA MEMORY CORPORATION
Street Address:	1-1, SHIBAURA 1-CHOME
Internal Address:	MINATO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	105-0023

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16353126

CORRESPONDENCE DATA

Fax Number:

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: 2123194900

Email: tmcdonald@hhpatent.com

Correspondent Name: HOLTZ, HOLTZ & VOLEK PC

Address Line 1: 630 NINTH AVE
Address Line 2: SUITE 1010

Address Line 4: NEW YORK, NEW YORK 10036

ATTORNEY DOCKET NUMBER:	19125
NAME OF SUBMITTER:	TAYLER MCDONALD

505471938 PATENT REEL: 049152 FRAME: 0372

SIGNATURE:	/Tayler McDonald/
DATE SIGNED:	05/13/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).
Fotal Attachments: 8	·
source=Declaration_Assignment#pa	age1.tif
source=Declaration_Assignment#pa	age2.tif
source=Declaration_Assignment#pa	age3.tif
source=Declaration_Assignment#pa	age4.tif
source=Declaration_Assignment#pa	age5.tif
source=Declaration_Assignment#pa	age6.tif
source=Declaration_Assignment#pa	age7.tif
source=Declaration_Assignment#pa	age8.tif

PATENT REEL: 049152 FRAME: 0373

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	MAGNETIC MEMORY DEVICE AND MANUFACTURING METHOD OF THE
Invention	SAME
As the below n	amed inventor, I hereby declare that:
This declaration	The attached application, or
is directed to:	✓ United States application or PCT international application number
16/353,120	
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.
of business at: entire right, titl	OSHIBA MEMORY CORPORATION (hereinafter referred to as "ASSIGNEE") having places 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-0023, Japan, is desirous of acquiring the e and interest in and to said invention and in and to any Letters Patent that may be granted therefore tates and its territorial possessions and in any and all foreign countries;
acknowledged, said ASSIGNE possessions and Convention and entire right, title and its territori	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 I in all foreign countries (including the right to claim priority under the terms of the International dother 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 all possessions and in any and all foreign countries and in and to any and all divisions, reissues, substitutions and renewals thereof.
any and all fore assignee of my (his) successors	corize 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 and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and ame 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	
TATALEM I ALFIANT	
	legumi Yakabe Date: April 12 2019
Signature: 7	negumi Yakake.

PATENT REEL: 049152 FRAME: 0374

Title of	MAGNETIC MEMORY DEVICE AND MANUFACTURING METHOD OF THE	
Invention	SAME	
(*************************************		
	amed inventor, I hereby declare that:	
This declaration	manuary * * * *	
is directed to:	✓ United States application or PCT international application number	
16/353,126	filed on March 14,2019(If any).	
The above-iden	tified application was made or authorized to be made by me.	
	am the original inventor or an original joint inventor of a claimed invention in the application.	
of business at: entire right, title	OSHIBA MEMORY CORPORATION (hereinafter referred to as "ASSIGNEE") having places 1-1. Shibaura 1-chome, Minato-ku, Tokyo 105-0023, Japan, is desirous of acquiring the e and interest in and to said invention and in and to any Letters Patent that may be granted therefore tates and its territorial possessions and in any and all foreign countries;	
acknowledged, said ASSIGNE possessions and Convention and entire right, title and its territoria	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 in all foreign countries (including the right to claim priority under the terms of the International dother 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 all 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) successors entirely as the s	corize 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 and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and ame would have been held by me had this Assignment and sale not been made.	
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invention in the United States and its territorial possessions and in any and all foreign countries.		
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1001 by fine or imprisonment of not more than five (5) years, or both.		
LEGALNAMI	B OF INVENTOR	
Inventor:	asushi Nakasaki Date: April 12 2019	
Signature:	Yasushi Nakasaki Date: April 12,2019 Yasushi Nakasake	

Title of MAGNETIC MEMORY DEVICE AND MANUFACTURING METHOD OF THE	
Invention SAME	
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	
16/353,126 filed on March 14,2019 (If any).	
into on (it any),	
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.	
WHEREAS, TOSHIBA MEMORY CORPORATION (hereinafter referred to as "ASSIGNEE") having places of business at: 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-0023, 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 ASSIGNEB, 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.	
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LEGAL NAME OF INVENTOR	
Inventor: Tadaomi Daibou Date: April 12, 2019 Signature: Foolaam Daibon	
Signature: Hadama Darbon	

Title of . Invention	MAGNETIC MEMORY DEVICE AND MANUFACTURING METHOD OF THE SAME
As the below n This declaratio is directed to: 16/353,126	✓ United States application or PCT international application number
The above-ider	stified 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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	nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. imprisonment of not more than five (5) years, or both.
LEGAL NAM	E OF INVENTOR
Inventor:	Tadashi Kai Date: Apr. 12, 2019 Tadash Cai
Signature:	ladash la

Title of	MAGNETIC MEMORY DEVICE AND MANUFACTURING METHOD OF THE
Invention	SAME
As the below n	amed inventor, I hereby declare that:
This declaration	my .
is directed to:	United States application or PCT international application number
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respecting said continuation, s and all of said i possible to aid invention in the	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, ubstitute, renewal and reissue applications, execute all necessary assignment papers to cause any Letters 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.
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LEGAL NAMI	E OF INVENTOR
Inventor:	unichi Ito Date: Apr. 12, 2019
Signature:	Junichi Ito Date: Apr. 12, 2019 Junichi Ito

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Invention	SAME
A 11 2 1	5
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1001 by fine or	imprisonment of not more than five (5) years, or both.
LEGAL NAMI	E OF INVENTOR
	Masahiro Koike Date: April 12, 2019
Signature: _9/	rasahiro Koike

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	MAGNETIC MEMORY DEVICE AND MANUFACTURING METHOD OF THE SAME	
As the below named inventor, I hereby declare that:		
This declaration The attached application, or		
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16/353,126	11	
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The above-identified application was made or authorized to be made by me.		
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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: Shogo Itai Date: April 12,2019 Signature: Shows Stai		
Signature: Thouse dtai		

PATENT REEL: 049152 FRAME: 0380

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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Invention	SAME	

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1001 by fine or imprisonment of not more than five (5) years, or both. LEGAL NAME OF INVENTOR		
·		
Inventor: Takamitsu Ishihara Date: May 8, 20/9 Signature: Takamitsu Oshihara		
Signature: Takamitan lakhara		

PATENT REEL: 049152 FRAME: 0381

RECORDED: 05/13/2019