506383408 12/03/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SATOSHI YAMASHITA	10/09/2020
TAKAHIRO AOKI	10/09/2020

RECEIVING PARTY DATA

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Postal Code:	105-0023
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Name: Street Address:	TOSHIBA ELECTRONIC DEVICES & STORAGE CORPORATION 1-1, SHIBAURA 1-CHOME, MINATO-KU
Street Address:	1-1, SHIBAURA 1-CHOME, MINATO-KU

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17016091

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	FREDERICK D. KIM
SIGNATURE:	/Frederick D. Kim/
DATE SIGNED:	12/03/2020

PATENT REEL: 054534 FRAME: 0286

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This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

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PATENT REEL: 054534 FRAME: 0287

Attorney Customer No	Attorney	Customer	No
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AGG10028675-US-A (20S0107)

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

	MAGNETIC DISK DEVICE AND SERVO WRITE METHOD	
Invention		
As the below nar. This declaration is directed to: 1 7 / 0 1 6,	✓ United States application or PCT international application number	
The above-ident	ified application was made or authorized to be made by me.	
I believe that I as	m the original inventor or an original joint inventor of a claimed invention in the application.	
STORAGE CO Shibaura 1-cho 105-0023, Japan to said invention	NABUSHIKI KAISHA TOSHIBA and (2) TOSHIBA ELECTRONIC DEVICES & DRPORATION (hereinafter referred to as "ASSIGNEES") having places of business at: (1) 1-1, ome, Minato-ku, Tokyo 105-0023, Japan, (2) 1-1, Shibaura 1-chome, Minato-ku, Tokyo n, respectively are desirous of jointly acquiring interests in the entire right, title and interest in and an and in and to any Letters Patent that may be granted therefore in the United States and its ssions and in any and all foreign countries;	
acknowledged, a said ASSIGNEE possessions and Convention and entire right, title and its territoria	EFORE, 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 ES, 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 other relevant International Treaties and Arrangements from the aforesaid application) and the 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, abstitutions and renewals thereof.	
any and all foreign assignees of my their successors	orize and request the Patent Office Officials in the United States and its territorial possessions and gn countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and time would have been held by me had this Assignment and sale not been made.	
Further, I agree that I will communicate to said ASSIGNEES or their 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 ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their 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 i	imprisonment of not more than five (5) years, or both.	
LEGAL NAME		
	Date: Dct, 9, 2020	
Signature:	Satoshi yanste	

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SUPPLEMENTAL SHEET FOR DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet(for PTO/AIA/08,09)	Pageof			
Legal Name of Additional Joint Inventor, if any					
Takahiro Aoki					
Inventor's Signature Takahiro Aoki	Date $\mathcal{O}_{\mathcal{C}}$	t. 9,2020			

PATENT REEL: 054534 FRAME: 0289

RECORDED: 12/03/2020