PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5109216

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NORIO YOSHIKAWA	08/08/2018

RECEIVING PARTY DATA

Name:	KABUSHIKI KAISHA TOSHIBA
Street Address:	1-1, SHIBAURA 1-CHOME
City:	MINATO-KU, TOKYO
State/Country:	JAPAN
Postal Code:	105-8001
Name:	TOSHIBA ELECTRONIC DEVICES & STORAGE CORPORATION
Name: Street Address:	TOSHIBA ELECTRONIC DEVICES & STORAGE CORPORATION 1-1, SHIBAURA 1-CHOME
Street Address:	1-1, SHIBAURA 1-CHOME

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16111782

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: (202) 626-3600

Email: toshibapatents@whitecase.com

Correspondent Name: WHITE & CASE LLP

Address Line 1: 701 THIRTEENTH STREET, NW Address Line 4: WASHINGTON, D.C. 20005-3807

ATTORNEY DOCKET NUMBER:	1242236-0913-156 US
NAME OF SUBMITTER:	DAVID M. TENNANT
SIGNATURE:	/David M. Tennant/
DATE SIGNED:	08/24/2018

Total Attachments: 1

PATENT REEL: 046696 FRAME: 0826

505062461

source=18S0100_Assignment#page1.tif

PATENT REEL: 046696 FRAME: 0827 Attorney Customer No 106324 AGG10013444-US-A (1850100)

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

Title of	MAGNETIC DISK DEVICE	
Invention		
As the below not this declaration is directed to:	amed inventor, I hereby declare that: n	
The above-idea	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.	
1-chome, Min respectively are and in and to a	(1) KABUSHIKI KAISHA TOSHIBA and (2) Toshiba Electronic Devices & Storage hereinafter referred to as "ASSIGNEES") having places of business at: (1) 1-1, Shibaura ato-ku, Tokvo 105-8001, Japan, (2) 1-1, Shibaura 1-chome, Minato-ku, Tokvo 105-8023, Japan, a desirous of jointly acquiring interests in the entire right, title and interest in and to said invention any Letters Patent that may be granted therefore in the United States and its territorial possessions all foreign countries;	
acknowledged, said ASSIGNI possessions an Convention an entire right, titl 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 IES, the full and exclusive right to the said invention in the United States and its territorial d in all foreign countries (including the right to claim priority under the terms of the International d other 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 assignees of my their 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 ASSIGNEES as the ventire 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 same 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.		
1001 by fine or	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.	
	E OF INVENTOR	
Inventor: N	prio Yoshikawa Date: Aug 8, 2018	
Signature: 4	raise Gradilos as	

1048001601

PATENT REEL: 046696 FRAME: 0828