507825206 03/29/2023

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NAOKI TAGAMI	03/24/2023

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	18179824

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NAME OF SUBMITTER:	YUSUKE HIRAI
SIGNATURE:	/Yusuke Hirai/
DATE SIGNED:	03/29/2023

PATENT REEL: 063141 FRAME: 0785

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

Total Attachments: 2

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PATENT REEL: 063141 FRAME: 0786

COMBINED DECLARATION & ASSIGNMENT UNDER 37 CFR 1.63(e) Attorney Reference No.: _______ Page 1 of 2 Title: MAGNETIC DISK DEVICE AND METHOD Legal Names of All Inventors: Naoki TAGAMI Please Direct All Correspondence to Customer Number 20995 Declaration of Inventors As an individual executing this Declaration, I hereby declare that: This Declaration is directed to the invention identified above that: (check one) Is attached, where "attached" means filed concurrently with. Was filed on ______ as International Application No. PCT/JP______. The above-identified application was made or authorized to be made by me. I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

Assignment from Inventors

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.

WHEREAS, the inventor(s) identified above (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries while under an obligation to assign related to the title identified above (collectively hereinafter referred to as the "Work") for which the application identified above has been or will be filed (hereinafter the "Application").

AND WHEREAS. 1) KABUSHIKI KAISHA TOSHIBA 2) TOSHIBA ELECTRONIC DEVICES & STORAGE CORPORATION, with its principal place of business at 1) 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-0023 Japan 2) 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-0023 Japan (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work.

NOW, THEREFORE, for good and valuable consideration of which receipt is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work, including all patent properties filed or issued upon the Application and the Work; where "Patent Properties" include, but are not limited to:

all provisional						
No(s)	 filed	 	(respe	ctively if p	iloga lanult	cations));
			7.71	- 10 PET		The second second

all nonprovisional applications claiming priority to aforementioned provisional(s) and/or the present Application, including, all divisions, continuations, continuations-in-part, and reissues, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof; and

all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof.

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all aforementioned patent properties, and authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as

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COMBINED DECLARATION & ASSIGNMENT

UNUE	R 37 CFR 1.63(e)
Altorney Reference No.:	Page 2 of 2
Title: MAGNETIC DISK DEVICE AND METHO	00
Legal Names of All Inventors: Naoki TAGAMI	
Please Direct All Correspo	ondence to Customer Number 20995
aforesaid, to issue all related Letters Patent assigns, in accordance with the terms of this in	to the ASSIGNEE, its successors, legal representatives and istrument.
representatives, and assigns all claims for dan assigned hereby that may have accrued prices.	in, transfer, and convey to ASSIGNEE, its successors, legal nages and all remedies arising out of any violation of the rights or to the date of assignment to ASSIGNEE, or may accrue t to sue for, collect, and retain damages for past infringements
ASSIGNEE, its successors, legal representate the Work, and testify in any legal proceeding, to the Application and the Work or any impression.	nt and agree that ASSIGNOR will communicate to said ives and assigns, any facts known to ASSIGNOR respecting assist in the preparation of any other Patent Property relating ovements made thereto, sign/execute all lawful papers, and SIGNEE, its successors, legal representatives and assigns, to the Work in all countries.
1 Legal Name of inventor: Nacki TAGA	Maria de la companya
and the control of th	Date: March 24, 2023

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RECORDED: 03/29/2023

PATENT REEL: 063141 FRAME: 0788