#### 505617913 08/12/2019

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5664715

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date	
HIROSHI ISOKAWA	08/06/2019	

### **RECEIVING PARTY DATA**

Name:	KABUSHIKI KAISHA TOSHIBA		
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State/Country:	JAPAN		
Postal Code:	105-0023		
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Name: Street Address:	TOSHIBA ELECTRONIC DEVICES & STORAGE CORPORATION 1-1, SHIBAURA 1-CHOME, MINATO-KU		
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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16538027

### **CORRESPONDENCE DATA**

Fax Number: (469)533-6480

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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**Correspondent Name:** KIM & STEWART LLP- TOSHIBA

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ATTORNEY DOCKET NUMBER:	TOSH/0692US
NAME OF SUBMITTER:	FREDERICK D. KIM
SIGNATURE:	/Frederick D. Kim/
DATE SIGNED:	08/12/2019

**PATENT** REEL: 050031 FRAME: 0190 505617913

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

**Total Attachments: 2** 

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PATENT REEL: 050031 FRAME: 0191

# ASSIGNMENT FOR APPLICATION FOR PATENT WITH DECLARATION STATEMENT

WHEREAS:

any of said Patents.

Name	es of Inventors:						
1)	hiroshi ISOKAWA						
	(hereinafter referred to as Assignors	have in	rented a ce	rtain inv	rention entitle	·q.	
enclo	SNETIC DISK DRIVE AND REC						DRIVE
Japa Japa and (here made forms	WHEREAS, Kabushiki Kaisha Tosh hibaura 1-chome, Minato-ku, Tokyo, Jaj anese corporation, having a business ac an (hereinafter referred to as Assignees) to said application (hereinafter referre einafter referred to as Invention), and in a e or discovered by said Assignors, and s of protection (hereinafter referred to as buntries.	pan and To ddress at 1 ), are desir ed to as and to all e in and to a	oshiba Elections.  -1, Shibaurous of acques Application mbodimentary and all	tronic E ra 1-cho uiring th ), and ts of the patents	Devices & Sto ome, Minato-le e entire right, the invention Invention, he , inventor's co	orage Cor ku, Tokyo , title and n disclose eretofore c ertificates	poration a 105-0023 interest ir ed thereir conceived and othe
Assig	NOW, THEREFORE, in consideration			ble con	sideration acl	knowledge	ed by said

2. Said Assignors hereby covenant and agree to cooperate with said Assignees to enable said Assignees to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignees (a) for perfecting in said Assignees the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, conventional, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention;

right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a conventional, division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of

Said Assignors hereby sell, assign, transfer and convey to Assignees the full and exclusive

PATENT REEL: 050031 FRAME: 0192 and (f) for legal proceedings involving said Invention and any application therefore and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignees.

- The term and covenants of this agreement shall inure to the benefit of said Assignees, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.
- Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.
- In the event that the filing date and/or Application No. of said Invention are not entered above at the time Assignors execute this document, and if such information is deemed necessary, Assignors hereby authorize and request the attorney/agent(s) of Kim & Stewart LLP, to insert above the filing date and/or Application No. of said application.
  - This declaration is directed to the above-identified application.

As a below named inventor, I hereby declare that:

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; and

I acknowledge that any willful false statement made in this declaration is punishable under section 1001 of title 18 by fine or imprisonment of not more than 5 years, or both.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignees on the dates indicated below.

1) Aug, 6, 2019 (DATE) Hiroshi Isokawa hiroshi Isokawa

2426274

RECORDED: 08/12/2019

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