505177014 11/06/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

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Name	Execution Date
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Property Type	Number
Application Number:	16124741

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SIGNATURE:	/David M. Tennant/
DATE SIGNED:	11/06/2018

Total Attachments: 3

PATENT REEL: 047421 FRAME: 0081 source=1242236-0913-182_Assignment#page1.tif source=1242236-0913-182_Assignment#page2.tif source=1242236-0913-182_Assignment#page3.tif

> PATENT REEL: 047421 FRAME: 0082

ASSIGNMENT

Now, therefore, for good and valuable consideration, receipt and sufficiency of which is hereby acknowledged, the undersigned Inventor(s) (hereinafter referred to as "ASSIGNOR(S)"), hereby sell(s), assign(s) and transfer(s) to (See attached sheet) (hereinafter referred to as "ASSIGNEE"), organized and existing under the laws of the Japan, having a place for the transaction of business at (See attached sheet), and the successors and assigns of the ASSIGNEE, the entire right, title and interest for the United States and its territorial possessions, and in all foreign countries, in and to the inventions and any and all improvements thereon which are the subject of an application entitled:

DRIVING APPARATUS

	U.S. patent application executed on,	
(b) ⊠	U.S. application no. 18/124,741 filed on September 6,2018 .	
(c) 🗌	international (e.g., PCT, JP) application nofiled on	į.
	e above application and any legal equivalent thereof in a foreign country, including the ority, and in and to any division, continuation or continuation-in-part, renewal or subst	itut nta
thereof, and in examination ca	nd to all resulting Letters Patents or any reissue, reexamination certificate, supple lificate, post grant review certificate, inter partes review certificate, or otherwise, th old the same to the full end of the term or terms for which any and all of said Lette	153

ASSIGNOR(S) hereby covenant(s) that ASSIGNOR(S) has/have the full power to make this assignment, and that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment; and

Without further payment or compensation by the ASSIGNEE or its successors and assigns, ASSIGNCR(S) further covenant(s) and agree(s) to communicate to said ASSIGNEE or its representatives, agents, its successors or assigns, any facts relating to said invention or inventions including evidence for purposes of interference or other administrative or legal proceedings whenever requested; to testify in any interference, legal or administrative proceedings, whenever requested; to execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and to do everything possible to aid said ASSIGNEE, its successors or assigns and nominees to secure, obtain and enforce proper patent protection for said invention or inventions in this or any foreign country.

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Any attorney of record is authorized and requested by the execution of this assignment to insert into this assignment any further information necessary for recordation of this document.

IN WITNESS WHEREOF, the ASSIGNOR(S) has/have hereunto affixed his/her/their signatures on the date below written.

1)	Akira Fuzira	Akira FUJITA (Type or Print Name)	Sept 27.2018
2)	(Signature)	(Type or Print Name)	(Dale)
3)	(Signature)	(Type or Print Name)	(Date)
4)	(Signature)	(Type or Print Name)	(Date)
5)	(Signature)	(Type or Print Name)	(Date)
6)	(Signature)	(Type or Print Name)	(Date)
7)	(Signature)	(Type or Print Name)	(Date)
8)	(Signature)	(Type or Print Name)	(Date)
8)	(Skmahre)	(Type or Print Name)	(Date)

Attached Sheet

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- 2. Toshiba Electronic Devices & Storage Corporation of 1-1, Shibaura 1-chome, Minato-ku, Tokyo, 105-0023 Japan

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