505811303 12/09/2019 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:			ASSIGNMENT		
CONVEYING PARTY	DATA				
			Name		Execution Date
JUN SUMIOKA					09/02/2019
RECEIVING PARTY	DATA				
Name:	Canon	Canon Kabushiki Kaisha			
Street Address:	30-2, 8	30-2, Shimomaruko 3-Chome, Ohta-ku			
City:	Tokyo	Токуо			
State/Country:	JAPAN	JAPAN			
Postal Code:	146-85	501			
Property Type		1659/	Number		
Application Number	:	16584	4316		
CORRESPONDENCE	E DATA				
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			e-mail address first; if that is un pat is unsuccessful, it will be se		
			-5732-8698		
		as@mail.canon			
•		ON KABUSHIKI KAISHA SHIMOMARUKO 3-CHOME, OHTA-KU			
,			YO, JAPAN 146-8501		
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			10197488US01		
			/Kozue Tano/		
SIGNATURE: DATE SIGNED:			12/09/2019		
DATE SIGNED: Total Attachments: 2			12/09/2019		
DATE SIGNED:			12/09/2019		

ASSIGNMENT

FOR VALUE RECEIVED, I/WE

<u>Jun Sunioka</u>

hereby sell, assign, transfer and convey unto CANON KABUSHIKI KAISHA

a corporation of **Japan**

having a place of business at 30-2, Shinomaruko 3-chome, Ohta-ku, Tokyo, Japan

its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title, and interest, for all countries, in and to certain inventions relating to

CONTROL METHOD FOR VIBRATION TYPE ACTUATOR INCLUDING VIBRATOR AND CONTACT BODY MOVING RELATIVE TO EACH OTHER, DRIVE CONTROL DEVICE, VIBRATION TYPE DRIVE DEVICE, AND APPARATUS

and described in an application for Letters Patent of the United States executed by me/us, and

filed on as United States Application No.

() A

as PCT International Application No.

and in and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues and extensions thereof, and all applications for Letters Patent or other grants of protection of proprietary rights including, but not limited to, inventor's certificate, utility model, utility certificate, patent of importation, registration of patent and industrial design registration which may be

filed, and which may be granted, upon said inventions in any countries or regions foreign to the United States, and all reissues, remewals and extensions thereof, and L/we hereby authorize and request the Commissioner for Patents and Trackmarks of the United States, and all officials of countries or regions foreign to the United States having authority to do so, to issue all such Letters Patent or other grants of protection upon said inventions to the Assignee or to such noninees as it may designate.

AND I/we authorize and empower the said Assignce or noninees to invoke and claim for any application for such letters Patent or other grants of protection for said inventions filed by it or them, the benefit of the right of priority provided by the international Convention for the Protection of Industrial Property, as amended, or by a convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me/us.

AND I/we hereby consent that a copy of this assignment shall be deened a full and formal equivalent of any assignment, consent to file or like document which may be required in any country or region for any purpose and

more particularly in proof of the right of the said Assignee or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as analysis, or by any convention which may henceforth be substituted for it.

AND I/we hereby covenant that I/we have the full right to convey the entire right, title and interest herein assigned and that I/we have not executed and will not execute any agreement in conflict herewith.

AND I/we hereby covenant and agree that I/we will communicate to said Assignee or nominees all facts known to me/us pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts necessary or proper to aid said Assignee or nominees in obtaining, maintaining, and enforcing all lawful patent or other grants of protection of said inventions in any and all countries and regions.

s <u>y: Jun Lumioka</u> Jun Sumioka	Date: <u>September 2, 2019</u>
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