505595207 07/30/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KENTA TAKAI	05/13/2019
RYO YAMASAKI	05/13/2019
MAKOTO OIKAWA	05/13/2019
KAZUHARU OSAWA	05/13/2019
SHUNSUKE NINOMIYA	05/14/2019
RYO ABE	05/13/2019

RECEIVING PARTY DATA

Name:	Canon Kabushiki Kaisha	
Street Address:	30-2, Shimomaruko 3-Chome, Ohta-ku	
City:	Tokyo	
State/Country:	JAPAN	
Postal Code:	146-8501	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16418514

CORRESPONDENCE DATA

Fax Number: (949)932-3577

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: +81-3-5732-8698

prj-epas@list.canon.co.jp Email: CANON KABUSHIKI KAISHA **Correspondent Name:**

Address Line 1: 30-2, SHIMOMARUKO 3-CHOME, OHTA-KU

Address Line 4: TOKYO, JAPAN 146-8501

ATTORNEY DOCKET NUMBER:	10193441US01
NAME OF SUBMITTER:	KOZUE TANO
SIGNATURE:	/Kozue Tano/
DATE SIGNED:	07/30/2019

Total Attachments: 2

PATENT REEL: 049896 FRAME: 0872

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> PATENT REEL: 049896 FRAME: 0873

ASSIGNMENT

Kenta Takai

Makoto Oikawa

Shunsuke Ninomiya

Ryo Yamasaki

Kazuharu Osawa

Ryo Abe

hereby sell, assign, transfer and convey unto CANON KABUSHIKI KAISHA a corporation of Japan

having a place of business at 30-2, Shimomaruko 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

VIBRATION WAVE MOTOR AND DRIVE DEVICE

and described in an application for Letters Patent of the United States executed by me/us, and filed on as United States Application No. or

as PCT International Application No.

FOR VALUE RECEIVED, 1/WE

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, renewals and extensions thereof; and I/we hereby authorize and request the Commissioner for Patents and Trademarks 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 Assignce or to such rominees as it may designate.

AND L/we authorize and empower the said Assignee or nominees 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 benceforth 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 decised 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 amended, or by any convention which may homoeforth be substituted for it.

AND I/we bereby coverant that I/we have the full right to convey the entire right, title and interest berein assigned and that I/we have not executed and will not execute any agreement in conflict berewith.

AND I/we hereby coverant and agree that I/we will communicate to said Assignee or nominces 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 eaths 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.

θy:	Kenta Takai	Date: Mary 13, 2019
	Kenta Takai	24
By:_	Ryo Gamacaki Ryo Yanasaki	Date: May 13, 2019
By:	Mahaja Cikan-a Makoto Olkawa	race: May 13, 2019
By:	<u>Hozuhoru Osawa</u> Kazuharu Osawa	Date: Nay 13, 2019
By:_	Huncule Minoriya Shunsuke Ninomiya	Date: May 14, 2019
By (Ryo Abe	Date: 17 2019
		Date:
lly:_		Date:
By:		Date:
By:		Date: