

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JUMPEI HAYASHI	08/02/2018
KENICHI TAKEDA	07/31/2018
SHINYA KOYAMA	07/31/2018
TAKAYUKI WATANABE	07/30/2018
YASUSHI SHIMIZU	07/30/2018
TATSUO FURUTA	07/31/2018
MIKI UEDA	07/31/2018
AKIRA UEBAYASHI	08/01/2018
HIDENORI TANAKA	08/10/2018
MAKOTO KUBOTA	07/31/2018
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:	16086163
CORRESPONDENCE DATA	
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<i>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.</i>	
Phone:	+81-3-5732-8698
Email:	prj-epas@list.canon.co.jp
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Address Line 4:	TOKYO, JAPAN 146-8501
ATTORNEY DOCKET NUMBER:	10162255WOUS01

NAME OF SUBMITTER:	KOZUE TANO
SIGNATURE:	/Kozue Tano/
DATE SIGNED:	10/09/2018
Total Attachments: 4 source=10162255WOUS01A#page1.tif source=10162255WOUS01A#page2.tif source=10162255WOUS01A#page3.tif source=10162255WOUS01A#page4.tif	

ASSIGNMENT

FOR VALUE RECEIVED, I/WE

Jumpei HayashiKenichi TakedaShinya KoyamaTakayuki WatanabeYasushi ShimizuTatsuo FurutaMiki UedaAkira UebayashiHidegori TanakaMakoto Kubotahereby 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

METHOD OF MANUFACTURING AN OSCILLATOR, METHOD OF MANUFACTURING AN OSCILLATORY WAVE DRIVING APPARATUS, AND METHOD OF MANUFACTURING AN OPTICAL APPARATUS

and described in an application for Letters Patent of the United States executed by me/us, and
 filed on **March 21, 2017** as United States Application No. _____ or
 as PCT International Application No. **PCT/JP2017/012214** ,

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 Assignee or to such nominees as it may designate.

AND I/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 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 deemed 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 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.

By: Junpei Hayashi
Junpei Hayashi

Date: August 2, 2018

By: Kenichi Takeda
Kenichi Takeda

Date: July 31, 2018

By: Shinya Koyama
Shinya Koyama

Date: July 31, 2018

By: Takayuki Watanabe
Takayuki Watanabe

Date: July 30, 2018

By: Yasushi Shimizu
Yasushi Shimizu

Date: July 30, 2018

By: Tatsuo Furuta
Tatsuo Furuta

Date: July 31, 2018

By: Miki Ueda
Miki Ueda

Date: July 31, 2018

By: Akira Uebayashi
Akira Uebayashi

Date: August 1, 2018

By: _____
Hidenori Tanaka

Date: _____

By: Makoto Kubota
Makoto Kubota

Date: July 31, 2018

ASSIGNMENT

FOR VALUE RECEIVED, I/WE

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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 Assignee or to such nominees as it may designate.

AND I/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 henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me/us.

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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.

By: _____
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Date: _____

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By: _____
Tatsuo Furuta

Date: _____

By: _____
Miki Ueda

Date: _____

By: _____
Akira Uebayashi

Date: _____

By: Hidenori Tanaka
Hidenori Tanaka

Date: Aug 10, 2018

By: _____
Makoto Kubota

Date: _____