

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT8246665

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TAKAHIRO ONO	05/29/2023
TAKAYUKI FUKUSHIMA	05/26/2023
KAZUKI MATSUO	06/02/2023
YUYA YASUDA	06/02/2023
TAKUMA TACHIBANA	06/01/2023
AKIYUKI MITAMURA	05/26/2023
AKIRA MATSUMOTO	05/26/2023
AKIRA URITA	05/28/2023
NORIKAZU HISHINUMA	09/28/2023
TAKATSUGU NAKAMURA	05/29/2023
YU HASHIMOTO	05/29/2023
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:	18303797
CORRESPONDENCE DATA	
Fax Number:	(949)753-4192
<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@mail.canon
Correspondent Name:	CANON KABUSHIKI KAISHA
Address Line 1:	30-2, SHIMOMARUKO 3-CHOME, OHTA-KU
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ATTORNEY DOCKET NUMBER:	11012635US01
NAME OF SUBMITTER:	CHIKAKO MURAI
SIGNATURE:	/Chikako Murai/
DATE SIGNED:	10/29/2023

Total Attachments: 22

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ASSIGNMENT

For valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I/WE

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AKIRA MATSUMOTO
NORIKAZU HISHINUMA
YU HASHIMOTO

TAKAYUKI FUKUSHIMA
YUYA YASUDA
AKIYUKI MITAMURA
AKIRA URITA
TAKATSUGU NAKAMURA

hereby 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"), any right, title, and interest, for all countries, that I/we have in and to certain inventions relating to
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AND I/we authorize and empower 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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By: Takahiro Ono
TAKAHIRO ONO

Date: may 29, 2023

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By: Takayuki Fukushima
TAKAYUKI FUKUSHIMA

Date: May 16, 2023

ASSIGNMENT

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By: Kazuki Matsuo
KAZUKI MATSUO

Date: June 2, 2023

ASSIGNMENT

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By: Yuya Yasuda
YUYA YASUDA

Date: June 2, 2023

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By: Takuma Tachibana
TAKUMA TACHIBANA

Date: June 1, 2023

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By: Akiyuki Mitamura
AKIYUKI MITAMURA

Date: May 26, 2023

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By: Akira Matsumoto
AKIRA MATSUMOTO

Date: May 26, 2023

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and described in an application for Letters Patent of the United States filed on 2023/04/20 (filing date) and assigned U.S. Application No. 18/303,797 (U.S. application number), and in and to said U.S. application, and all divisions, renewals, continuations, and continuations-in-part 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 including the right to claim priority to said U.S. application, and I/we confirm that we hereby authorize 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 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 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.

11012635US01

AND I/we hereby covenant 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.

AND, if the application number and filing date of the above-referenced U.S. patent application are not known at the time this Assignment is executed by me/us, I/we hereby authorize and request said Assignee and/or its attorney to insert in the above-designated spaces the U.S. application number and filing date of said U.S. patent application when known.

By: Akira Urita
AKIRA URITA

Date: May 28, 2023

ASSIGNMENT

For valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I/WE

TAKAHIRO ONO
KAZUKI MATSUO
TAKUMA TACHIBANA
AKIRA MATSUMOTO
NORIKAZU HISHINUMA
YU HASHIMOTO

TAKAYUKI FUKUSHIMA
YUYA YASUDA
AKIYUKI MITAMURA
AKIRA URITA
TAKATSUGU NAKAMURA

hereby 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**

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By: Norikazu Hishinuma
NORIKAZU HISHINUMA

Date: Sep. 28, 2023

ASSIGNMENT

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By: Takatsugu Nakamura Date: May 29, 2023
TAKATSUGU NAKAMURA

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By: Yu Hashimoto
YU HASHIMOTO

Date: May 29, 2023