10/11/2018 505136049

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KAZUNARI KAWABATA	07/05/2018
HAJIME IKEDA	06/27/2018
MAHITO SHINOHARA	06/27/2018

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:	16036183

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

Email: prj-epas@list.canon.co.jp 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: 10176610US01	
NAME OF SUBMITTER:	KIMIKA SAKURAI
SIGNATURE:	/Kimika Sakurai/
DATE SIGNED:	10/11/2018

Total Attachments: 4

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> **PATENT** REEL: 047214 FRAME: 0022 505136049

ASSIGNMENT

Section than two see SCARPER SHOW

Kazumari Kawabata	Hajime Ikeda
Mahito Shinohara	
hereby sell, essign, transfer and convey wate	CAMON KABUSHIKI KAISHA
* corporation of Japan	
having a place of business at 30-2. Shimoma	ruko 3-chome, Ohta-ku, Tokyo, Japan
He successors, assigns and legal representatives there theres, the all countries, in and to certain inventions	idaler called the "Nesigne"), the online right, i

SOLID-STATE IMAGE PICKUP DEVICE, MANUFACTURING METHOD OF SOLID-STATE IMAGE PICKUP DEVICE, AND IMAGE PICKUP DEVICE

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l'i Essi	1380°	as United States Application No.	-833°
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and in and to said application, and all dignions, remeants and continuations thereof, and all futures Patent of the United States which may be granted thereon, and all recessurs and extractions thereof, and all applications for letters. Patent or other grants of protection of proprietary rights including, but not Hanted to inserted's exciticate, willity model, utility cartificate, patent of importation, registration of potent and industrial design registration which may be filled, and which may be granted, upon and inscriptors in any countries or regions foreign to the throad States, and all recessures, remeable and extensions thereof and two benefits and respect the Commissioner for Patents and Trackmarks of the Hanted States, and all difficients of countries or regions foreign to the Hanted States having anthropy to do so, to issue all such letters Patent or other grants of protection spon midd inventions to the Assignment to such confidences as it may designate.

AND time authorize and express the said Assignse or mentures to invoke and claim for any application for such Letters Patent or other grants of protection for said inventions fitted by it or them, the tendit of the right of priority provided by the international Commention for the Protection of intestrial Property, as awarded, or by a convention which may be scaled total for it, and to invoke and claim such right of priority without faither written or oral authorization from series.

APD 1/se hereby consent then a copy of this assignment shall be desmail a full and formal equivalent of may assignment, consent to file or like document which may be required in any country or region for any purpose seal

more particularly in percol of the right of the said Assignme or communes to claim the aforesaid benefit of the right of polarity provided by the international Communication for the Protection of Industrial Property, as amounted, or by any convention which may be needed by the additional for it.

Page 1 of 2

AND 1/we haveby coverant that 1/we have the full right to execute ordine right, title and interest become assigned and that 1/we have not executed and will not execute any agreement in conflict beneath.

AND 1/s; bettly common and agree that 1/se will communicate to said Antigree or nomines all facts known to solus pertaining to said inventions, and testify in all legal proceedings, sugnal 1 beful papers, execute all divisional, continuing and reisess applications, make all rightful carbo and declarations and in general perform all lawful acts receiving or proper to add said Assignee or rections in obsaiding, maintaining, and enforcing all lawful patent or other grants of protection of said inventions in any welfall conserves and regions.

Nazunari Kawabata	ore: <u>July 5 , 2018</u>
Rajime Ikeda	Bac:
Mahito Shinohara	98.9°
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<u> </u>	Date:
By:	Dates

ASSIGNMENT

FOR VALUE RECEIVED, I/WE

Kazunari Kawabata	Hajime Ikeda
Mahito Shinohara	

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

SOLID-STATE IMAGE PICKUP DEVICE, MANUFACTURING METHOD OF SOLID-STATE IMAGE PICKUP DEVICE, AND IMAGE PICKUP 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.

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 Fatent 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 Assignment or to such nominees as it may designate.

AND I/we authorize and exposer the said Assignce or nomineos 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 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 Assignce 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 commant 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 appreciant in conflict herewith.

AND I/we hereby coverant 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.

Ny: Kazunari Kawabata	Date:
ny: Johajimo Sheda Hajime Ikeda	Date: <u>June 27, 2018</u>
mahito Shimohara Mahito Shimohara	Date: <u>June</u> 27, 2018
By:	Bate3
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Page 2 of 2