504394045 06/01/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4440742

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YASUSHI IWAKURA	02/03/2017
FUJIO KAWANO	02/03/2017

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:	15432280

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
Correspondent Name: CANON KABUSHIKI KAISHA

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

Address Line 4: TOKYO, JAPAN 146-8501

ATTORNEY DOCKET NUMBER:	10158968US01
NAME OF SUBMITTER:	KIMIKA SAKURAI
SIGNATURE:	/Kimika Sakurai/
DATE SIGNED:	06/01/2017

Total Attachments: 2

source=10158968US01A#page1.tif source=10158968US01A#page2.tif

PATENT 504394045 REEL: 042569 FRAME: 0250

ASSIGNMENT

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, titl interest, for all countries, in and to certain inventions relating to IMAGING DEVICE, IMAGING SYSTEM, AND IMAGE PROCESSING METHOD and described in an application for Letters Patent of the United States executed by medus, and as United States Application No.	I TORONII I	wakura		ujio Kawano
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, titl interest, for all countries, in and to certain inventions relating to IMAGING DEVICE, IMAGING SYSTEM, AND IMAGE PROCESSING METHOD and described in an application for letters Patent of the United States executed by me/us, and don as United States Application No. or				
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, tit interest, for all countries, in and to certain inventions relating to IMAGING DEVICE, IMAGING SYSTEM, AND IMAGE PROCESSING METHOD and described in an application for Letters Patent of the United States executed by me/us, and in as United States Application No. or				
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 "Assignce"), the entire right, titl interest, for all countries, in and to certain inventions relating to IMAGING DEVICE, IMAGING SYSTEM, AND IMAGE PROCESSING METHOD and described in an application for Letters Patent of the United States executed by me/us, and in as United States Application No.	***************************************			
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 "Assignce"), the entire right, titl interest, for all countries, in and to certain inventions relating to IMAGING DEVICE, IMAGING SYSTEM, AND IMAGE PROCESSING METHOD and described in an application for Letters Patent of the United States executed by me/us, and ion as United States Application No. or	······		······································	
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 "Assignce"), the entire right, titl interest, for all countries, in and to certain inventions relating to IMAGING DEVICE, IMAGING SYSTEM, AND IMAGE PROCESSING METHOD and described in an application for Letters Patent of the United States executed by me/us, and don as United States Application No. or				
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 "Assignce"), the entire right, titl interest, for all countries, in and to certain inventions relating to IMAGING DEVICE, IMAGING SYSTEM, AND IMAGE PROCESSING METHOD and described in an application for Letters Patent of the United States executed by me/us, and ion as United States Application No. or	ng ng ng	a:	A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	M VABIIOITIVI VAICIIA
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, titl interest, for all countries, in and to certain inventions relating to IMAGING DEVICE, IMAGING SYSTEM, AND IMAGE PROCESSING METHOD and described in an application for Letters Patent of the United States executed by me/us, and ion as United States Application No. or	nereby sel	i, assign, transfe	r and convey unto CAN	ANCIRA IAINGUBRA M
its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, tit interest, for all countries, in and to certain inventions relating to IMAGING DEVICE, IMAGING SYSTEM, AND IMAGE PROCESSING METHOD and described in an application for Letters Patent of the United States executed by me/us, and as United States Application No.	a corporat	ion of Japan		
IMAGING DEVICE, IMAGING SYSTEM, AND IMAGE PROCESSING METHOD and described in an application for Letters Patent of the United States executed by me/us, and as United States Application No.	4	lace of business a	it 30-2, Shimomaruko	3-chome, Ohta-ku, Tokyo, Japan
and described in an application for Letters Patent of the United States executed by me/us, and ion as United States Application No. or	having a p	tace or obstitess e		
ion as United States Application No. or	its successor	rs, assigns and legal	representatives (hereinafte	
d on as United States Application No. or	its successor interest, for a	rs, assigns and legal dl countries, in and	representatives (hereinafte to certain inventions relat	ing to
	its successome interest, for a	rs, assigns and legal Ul countries, in and DEVICE, IMAGING	representatives (hereinafte to certain inventions related SYSTEM, AND IMAGE	ing to PROCESSING METHOD
IT International Application No.	its successome interest, for a IMAGING I	rs, assigns and legal dl countries, in and DEVICE, IMAGING d in an application f	representatives (hereinafte to certain inventions related SYSTEM, AND IMAGE for Letters Patent of the University	ing to PROCESSING METHOD

and : 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

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 hereeforth be substituted for it.

Page 1 of 2

AND I/we hereby communant 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 bereby 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:} Yasushi Uwakura Yasushi Iwakura	Date: February 3, 2017
ny Fujio Kawano Fujio Kawano	Date: 7-bruary 3 - 2017
By:	Date:
By(Date:
*	Date:
By:	Date:
W:	Date:
Ву:	Date:
By:	Date:
By:	Date:

Page 2 of 2