503510342 10/05/2015 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3556968

SUBMISSION TYPE:		NE	W ASSIGNMENT				
NATURE OF CONVEYAN	OF CONVEYANCE: ASSIGNMENT						
CONVEYING PARTY DA	ΑΤΑ	•					
		Nar	ne			Execution D	ate
HIROYUKI UCHIYAMA						06/18/2015	
ICHIRO UMEDA						06/18/2015	
MULING GUO						06/18/2015	
KOTARO YANO						06/18/2015	
RECEIVING PARTY DA	ТА						
Name:	Canon	Kabushik	i Kaisha				
Street Address:	30-2, S	himomarı	uko 3-Chome, Ohta	-ku			
City:	Tokyo						
State/Country:	JAPAN						
Postal Code:	146-85	01	146-8501				
PROPERTY NUMBERS Property Type	Total: 1		Number]		
PROPERTY NUMBERS Property Type	Total: 1		Number]		
		1475005					
Property Type Application Number:]		
Property Type Application Number: CORRESPONDENCE D	ATA	1475005	1]		
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i>	ATA e sent to	1475005 (949)932 o the e-ma	1 -3577 ail address first; if				
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i>	ATA e sent to provideo	1475005 (949)932 o the e-ma d; if that i	1 -3577 ail address first; if s unsuccessful, it				
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if µ</i> Phone:	ATA e sent to provideo	1475005 (949)932 o the e-ma d; if that i +81-3-57	1 -3577 ail address first; if s unsuccessful, it 32-8698				f
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if µ</i> Phone: Email:	ATA e sent to provideo	1475005 (949)932 5 the e-m 5 if that i +81-3-57 prj-epas@	1 -3577 ail address first; if s unsuccessful, it 32-8698 ⊉list.canon.co.jp	will be sei			f
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone:	ATA e sent to provideo	1475005 (949)932 5 the e-m 5 if that i +81-3-57 prj-epas@ CANON I	1 -3577 ail address first; if s unsuccessful, it 32-8698	will be sei	nt via U		
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if µ</i> Phone: Email: Correspondent Name:	ATA e sent to provideo	(949)932 5 the e-ma 5 if that i +81-3-57 prj-epas@ CANON I 30-2, SHI	1 -3577 ail address first; if s unsuccessful, it 32-8698 ⊉list.canon.co.jp ∢ABUSHIKI KAISH/	will be sei	nt via U		
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if µ Phone: Email: Correspondent Name: Address Line 1:	ATA e sent to provideo	1475005 (949)932 5 the e-m 7 if that i +81-3-57 prj-epas@ CANON I 30-2, SHI TOKYO,	1 -3577 ail address first; if s unsuccessful, it 32-8698 ⊉list.canon.co.jp ∢ABUSHIKI KAISH/ IMOMARUKO 3-CH	will be sei	nt via U		t
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if µ</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	ATA e sent to provideo	1475005 (949)932 5 the e-m d; if that i +81-3-57 prj-epas@ CANON I 30-2, SH TOKYO, 10	1 ail address first; if s unsuccessful, it 32-8698 ⊉list.canon.co.jp ∢ABUSHIKI KAISH/ IMOMARUKO 3-CH JAPAN 146-8501	will be sei	nt via U		
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if µ Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	ATA e sent to provideo	1475005 (949)932 5 the e-m 5 if that i +81-3-57 prj-epas@ CANON I 30-2, SHI 30-2, SHI TOKYO, 10 ⁻	-3577 ail address first; if s unsuccessful, it 32-8698 ⊉list.canon.co.jp <abushiki <br="" kaish="">IMOMARUKO 3-CH JAPAN 146-8501 148457US01</abushiki>	will be sei	nt via U		t

ASSIGNMENT

FOR VALUE RECEIVED, 1/WE

Hiroyuki Uchiyama

Muling Guo

Ichiro	Uneda
<u>Kotaro</u>	Yano

OF

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

IMAGE PROCESSING APPARATUS AND IMAGE PROCESSING NETHOD WHICH LEARN DICTIONARY

and described in an application for Letters Patent of the United States executed by me/us, and

filed on as United States Application No.

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 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 noninces as it may designate.

AND I/we authorize and expower the said Assignce 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 L/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 noninces 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.

PATENT REEL: 036731 FRAME: 0714

AND l/we hereby covenant that l/we have the full right to convey the entire right, title and interest berein assigned and that 1/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 Assignce 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: Hirojuki Uchiyana Hirojuki Uchiyana

mer

By: Muling Gw

By: Kutaro Kotaro Yano

Bate: June 18_2015 June, 18.2015 Date: June, 18.2015

June, 18, 2015 Date:

June, 12, 2015 Date:

By:	Date:
ву:	Date:
by	Date:
By:	Date:
By:	Date:
Býć	Date:

Page 2 of 2

RECORDED: 10/05/2015