503536487 10/23/2015 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY D	ΑΤΑ			
		Name	Execution Date	
HARUNA KAWASHIMA			07/14/2015	
RECEIVING PARTY DA	ТА			
Name:	Canon K	Canon Kabushiki Kaisha		
Street Address:	30-2, Sh	30-2, Shimomaruko 3-Chome, Ohta-ku		
City:	Tokyo	Токуо		
State/Country:	JAPAN			
Postal Code:	146-850	146-8501		
Application Number:	1	4814698		
using a fax number, if p Phone: Email: Correspondent Name: Address Line 1:	(! e sent to brovided; + p C 3	949)932-3577 the e-mail address first; if that is if that is unsuccessful, it will be 81-3-5732-8698 rj-epas@list.canon.co.jp CANON KABUSHIKI KAISHA 0-2, SHIMOMARUKO 3-CHOME, TOKYO JAPAN 146-8501	e sent via US Mail.	
Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	(! e sent to brovided; + p C 3 T	the e-mail address first; if that is if that is unsuccessful, it will be 81-3-5732-8698 rj-epas@list.canon.co.jp CANON KABUSHIKI KAISHA 0-2, SHIMOMARUKO 3-CHOME, OKYO, JAPAN 146-8501	e sent via US Mail.	
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ASSIGNMENT

FOR VALUE RECEIVED, 1/WE

Haruna Kawashima	
· · · · · · · · · · · · · · · · · · ·	

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

LIGHT SOURCE APPARATUS, ILLUMINATION DEVICE, EXPOSURE APPARATUS, AND DEVICE MANUFACTURING METHOD

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 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, remevals 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 exposer the said Assignee or noninees 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 analysis, 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 desired 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 1/we hereby covenant that 1/we have the full right to convey the entire right, title and interest herein 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 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.

N <u>HARWA KANAHTIH</u> Haruna Kawashima	Date: <u>ful × 14, 2015</u>
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