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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOMOAKI ICHIMURA	11/11/2013
SATOSHI OKADA	11/12/2013
YOHEI ISHIDA	11/12/2013
AKIYA NAKAYAMA	11/15/2013

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:	14057247

CORRESPONDENCE DATA

 Fax Number:
 (949)932-3577

 Phone:
 +81-3-5732-8698

 Email:
 prj-epas@list.canon.co.jp

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

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:	10108817US01
NAME OF SUBMITTER:	SAKI ISHIHARA
Signature:	/Saki Ishihara/
	PATENT

502644808 REEL: 032013 FRAME: 0913

Date:	01/22/2014
Total Attachments: 2 source=10108817US01A#page1.tif source=10108817US01A#page2.tif	

PATENT REEL: 032013 FRAME: 0914

ASSIGNMENT

FOR VALUE RECEIVED, I/WE

Tomoaki Ichimura	Satoshi Okada
Yohei Ishida	Akiya Nakayama

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

SCINTILLATOR, RADIATION DETECTION APPARATUS, AND MANUFACTURING METHOD THEREOF

and described in an application for Letters Patent of the United States executed by me/us, and filed on October 18, 2013 as United States Application No. 14/057247 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 forcign 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 forcign 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 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 I/we hereby covenant 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 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.

Ву:_	Lomoaki Ichimura Tomoaki Ichimura	Date: November 112013
Ву:_	Satoshi Okada Satoshi Okada	Date: November 12, 201
Ву:_	Yoher Ishida Yohei Ishida	Datc: <u>honember 12, 2013</u>
By:_	Akiya Nakayama Akiya Nakayama	Date: <u>November 15, 2013</u>
Ву:_		Date:

Page 2 of 2