# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
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YOSHIMUNE OGATA	01/23/2020
HARUKA MINOWA	01/24/2020

#### **RECEIVING PARTY DATA**

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## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16643653

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ATTORNEY DOCKET NUMBER:	072388.1450	
NAME OF SUBMITTER:	HIROKO LAVIETES	
SIGNATURE:	/Hiroko Lavietes/	
DATE SIGNED:	03/02/2020	

#### **Total Attachments: 5**

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PATENT 505943909 REEL: 051977 FRAME: 0400

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### ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

Hitachi, Ltd. 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8280, Japan

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions and to his/her invention relating to:

as set forth in his/her United States Patent Application (check one):

# SCINTILLATOR UNIT, RADIATION MEASURING DEVICE, AND RADIATION MEASURING METHOD

	executed concurrently herewith,
	executed on,
$\Box$	Application No., filed,
茵	PCT International Application, No.: PCT/JP2018/039592, filed on October 25, 2018,

and in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Director of the U.S. Patent and Trademark Office to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he/she has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he/she has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he/she will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him/her relating to said invention or Patent application and that he/she will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of **Baker Botts L.L.P.**, or any partner thereof, the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Page 2 of 5

Signature:

Inventor one:

Page 3 of 5

ASSIGNMENT – U.S. Rights Attorney Docket No.

Signature:

Inventor two:

Yoshimune OGATA

23/2°20 DATE

Page 4 of 5

ASSIGNMENT - U.S. Rights Attorney Docket No.

Signature:

Inventor three:

Haruka Minowa Haruka MINOWA

Page 5 of 5

**PATENT REEL: 051977 FRAME: 0406** 

**RECORDED: 03/02/2020**